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4. Programming

4.1 Programming with the operating panel

4.1.1 General remarks

- Various adjustments of the dispenser can be changed to suit the different requirements.

Do not change adjustments without reason.
Some parts of the software can only be accessed by the service technician. He achieves access by using a certain push button combination which is not known to the operator. The chap. Program structure indicates for the individual menu items whether they can be accessed only by the service technician or also by the operator.

In this description we assume that the dispenser is in that programming mode which can only be accessed by the service technician. The adjustments of those menu items that are also accessible by the operator are described in detail. For the other menu items please refer to the chap. Programm structure.

Every change to a setting is saved immediately. There is no special saving procedure.

ATENTION: Only actuate the push buttons as described in these instructions. Otherwise you might change values unintentionally.

If an adjustment has been changed by mistake you can reset it to the manufacturer's setting (see chap. "Resetting to the manufacturer's settings"). If the dispenser operates with values that differ from the manufacturer's settings this has to be documented.

For test deliveries the holder (**1**) for the measuring cup can be suspended. (Fig. 1)

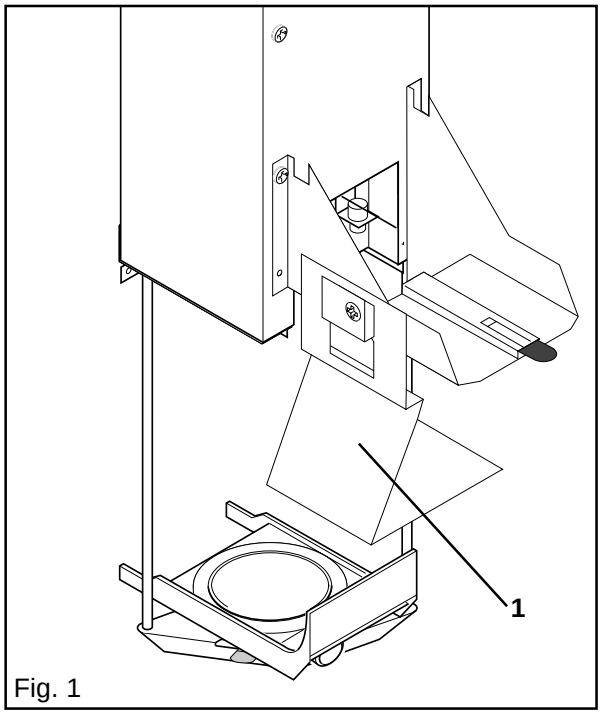
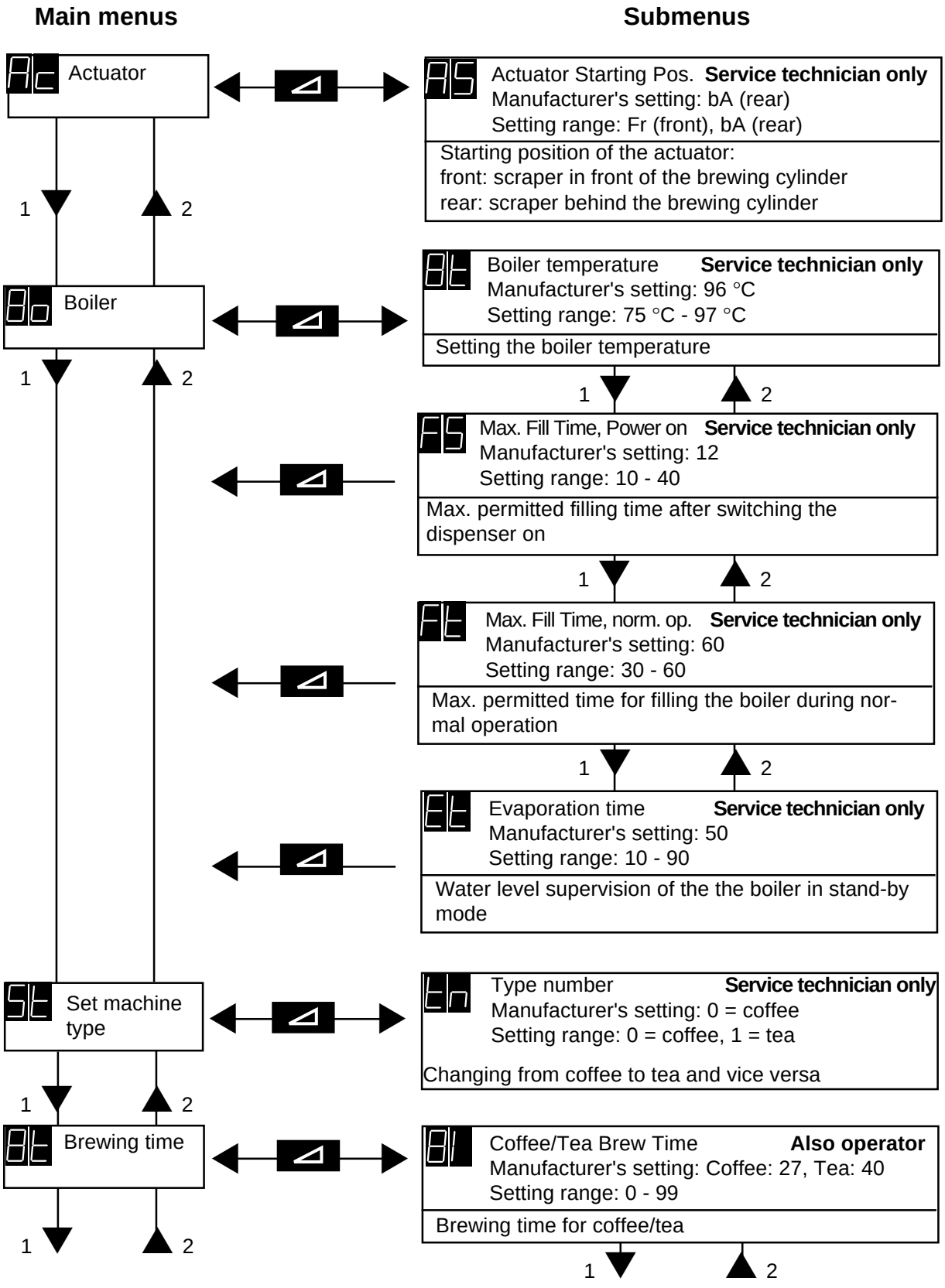
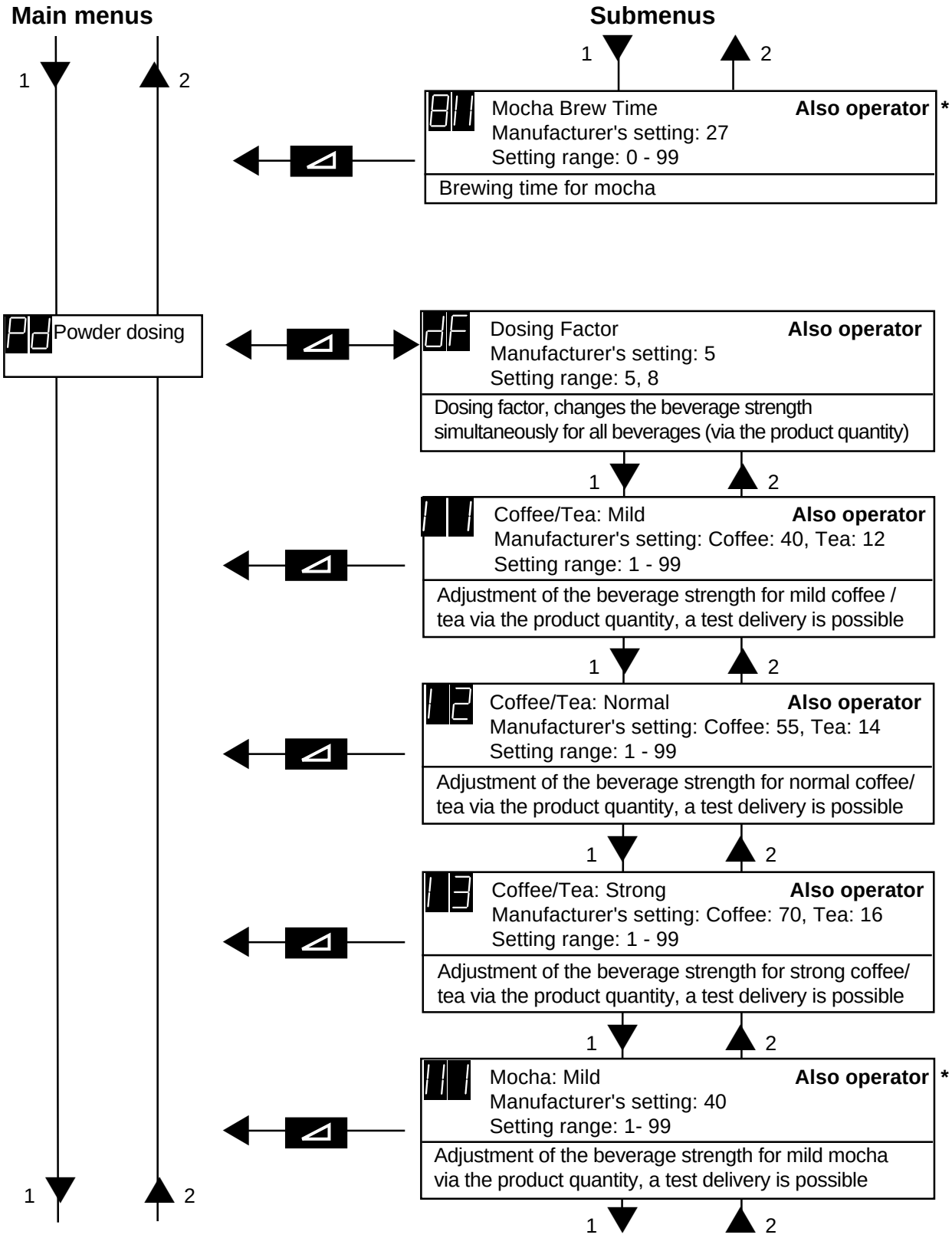


Fig. 1

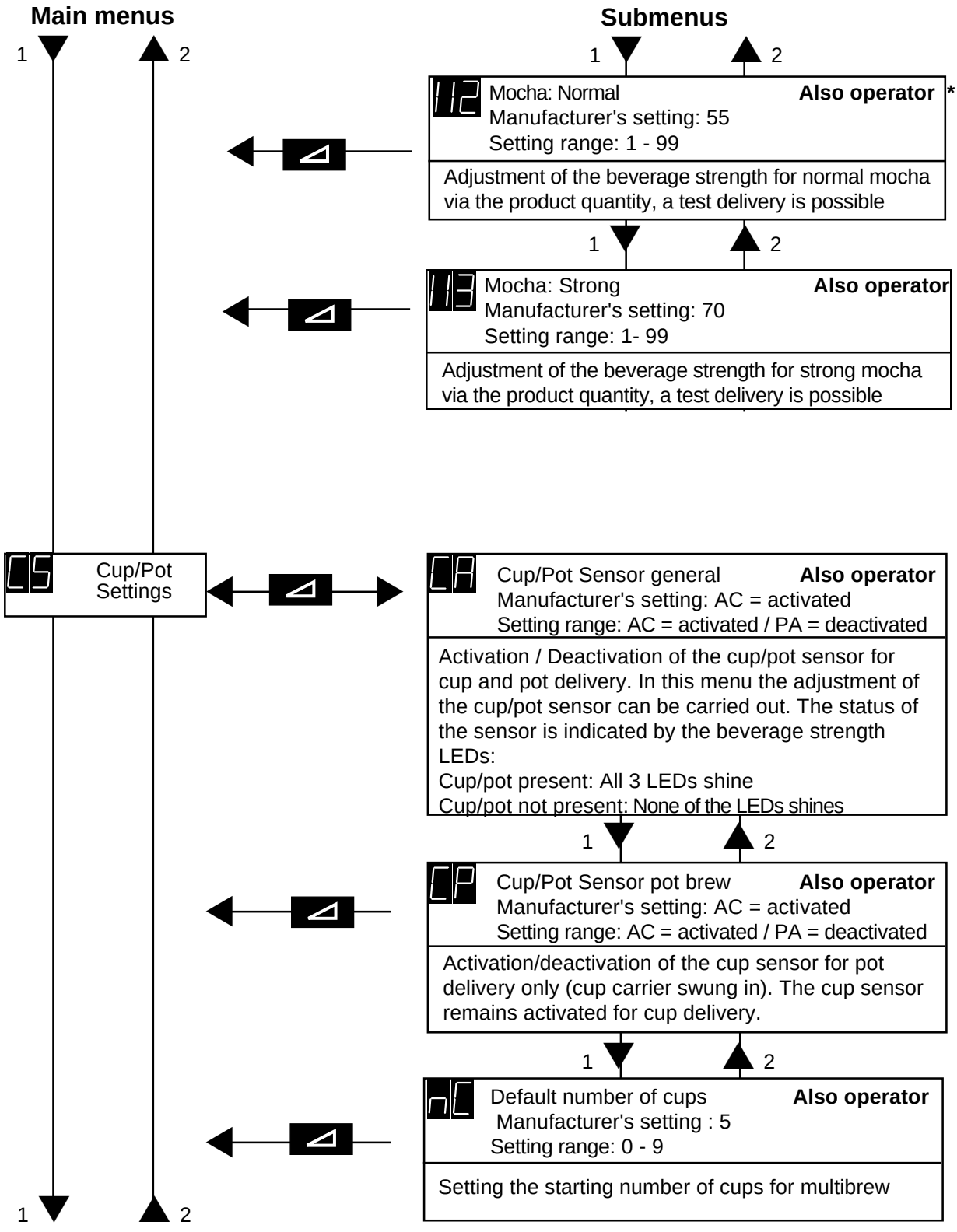
4.1.2 Program structure (complete program)



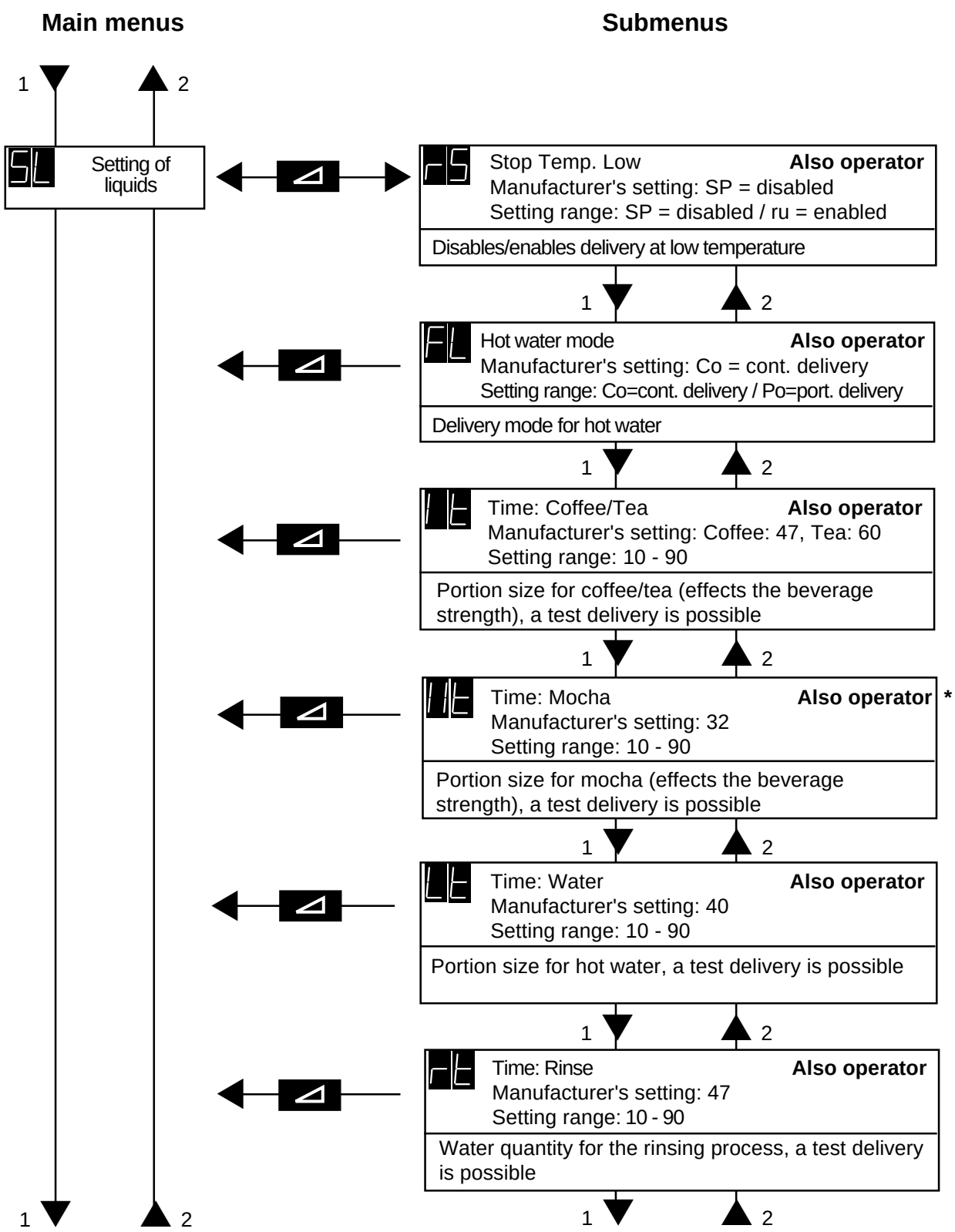
1 ▼ = , ▲ 2 =



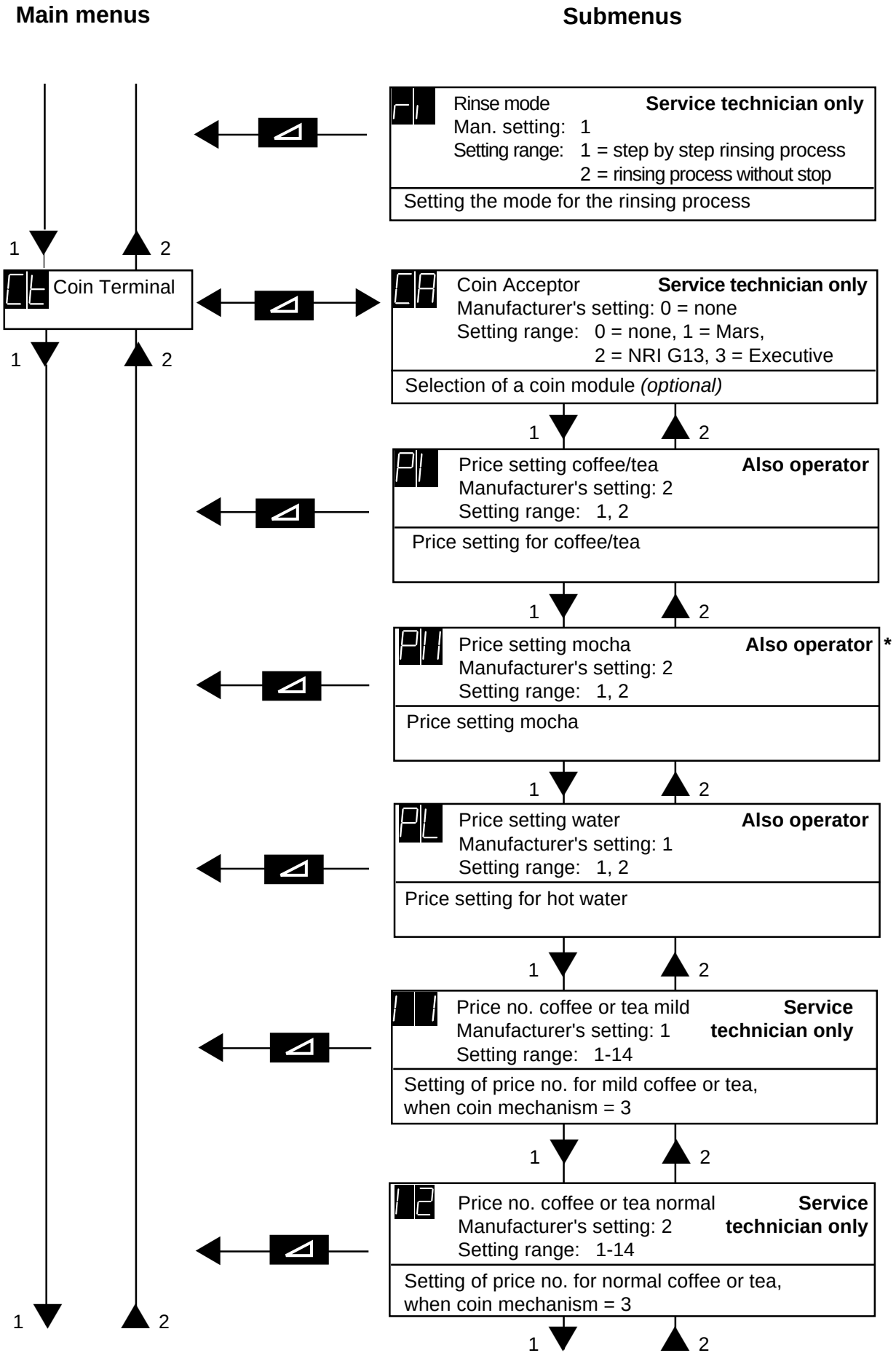
1 ▼ = , ▲ 2 = *These steps are not possible for dispensers with tea delivery

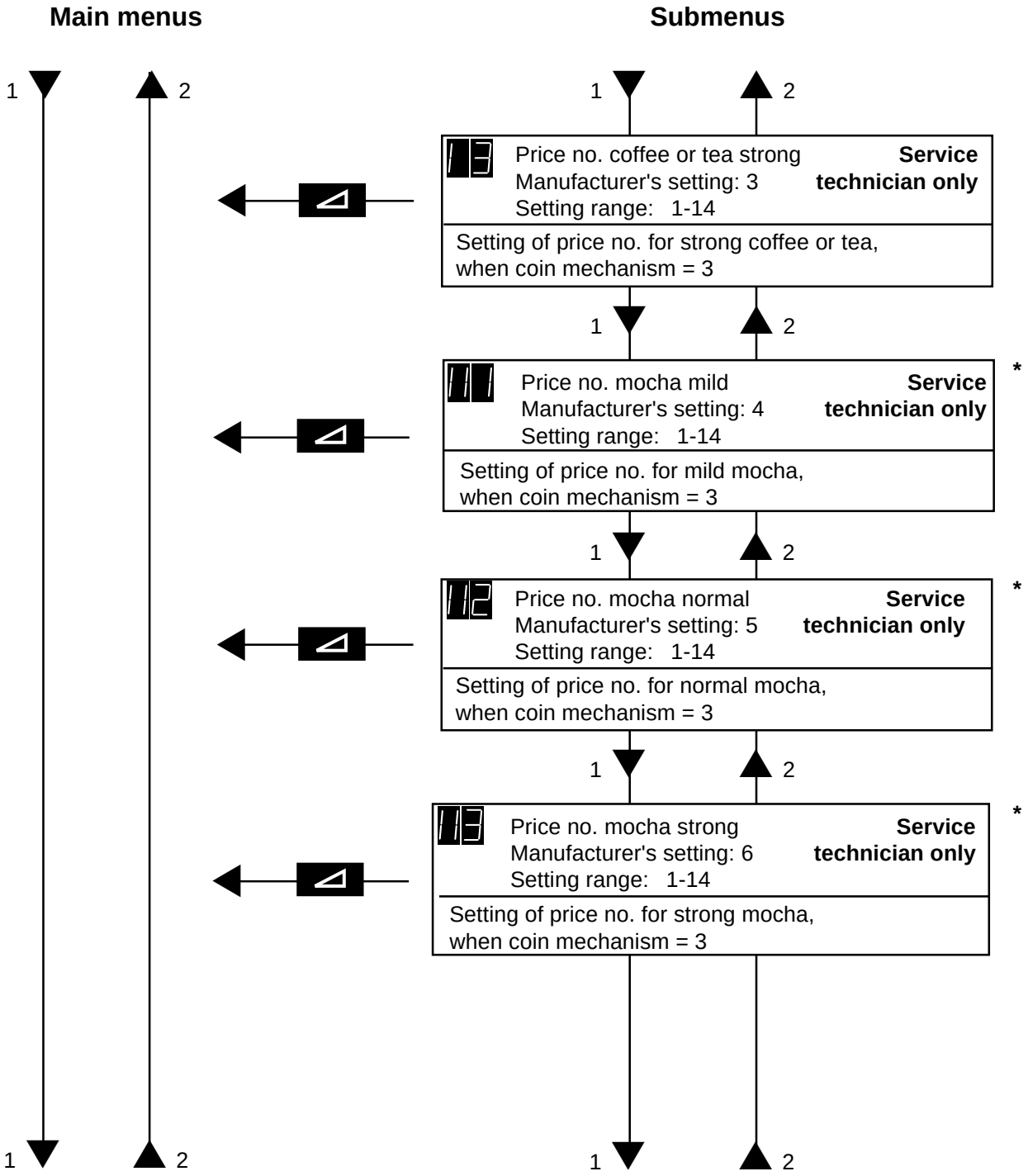


1 ▼ = , ▲ 2 = *These steps are not possible for dispensers with tea delivery

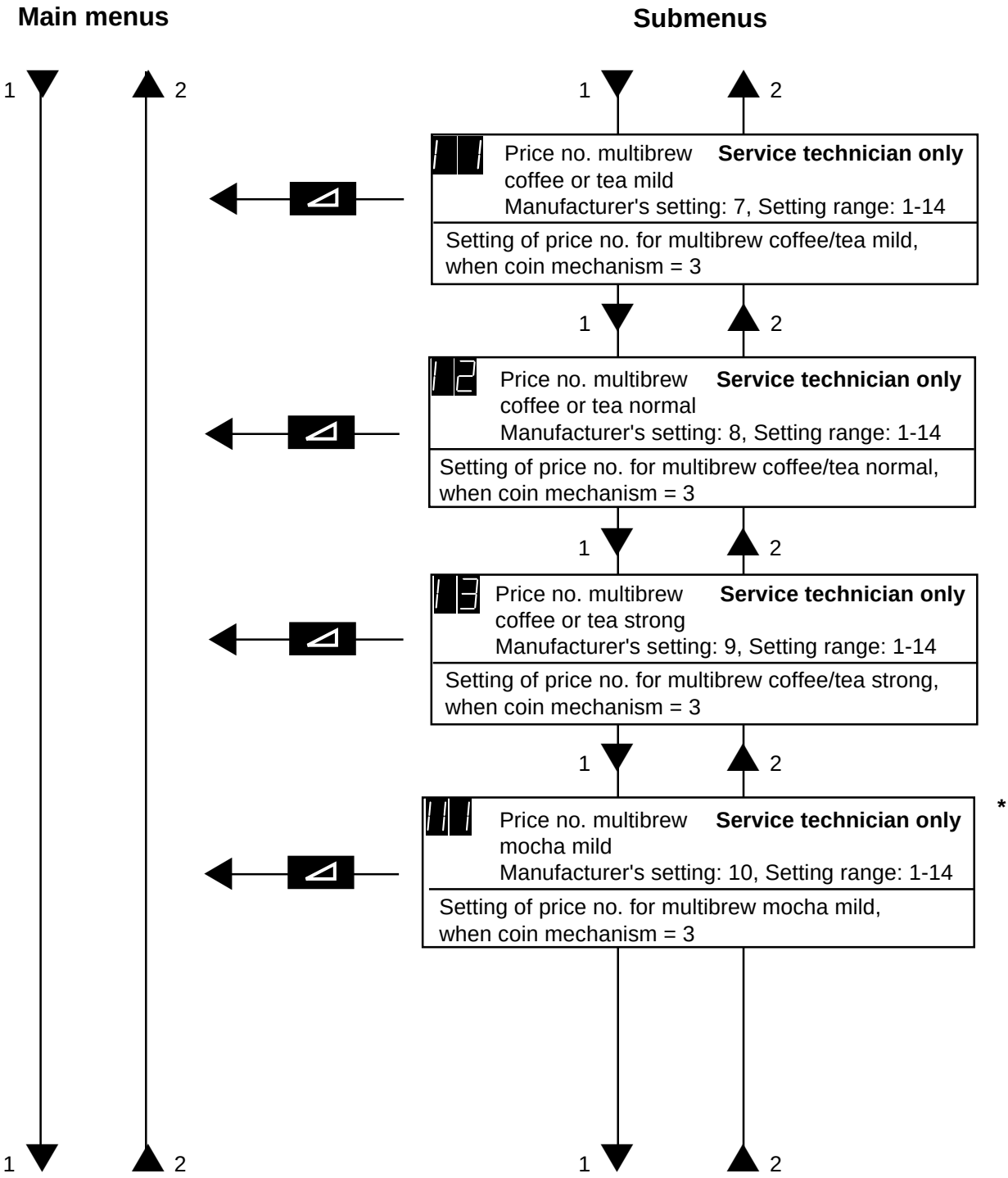


1 ▼ = , ▲ 2 = *These steps are not possible for dispensers with tea delivery

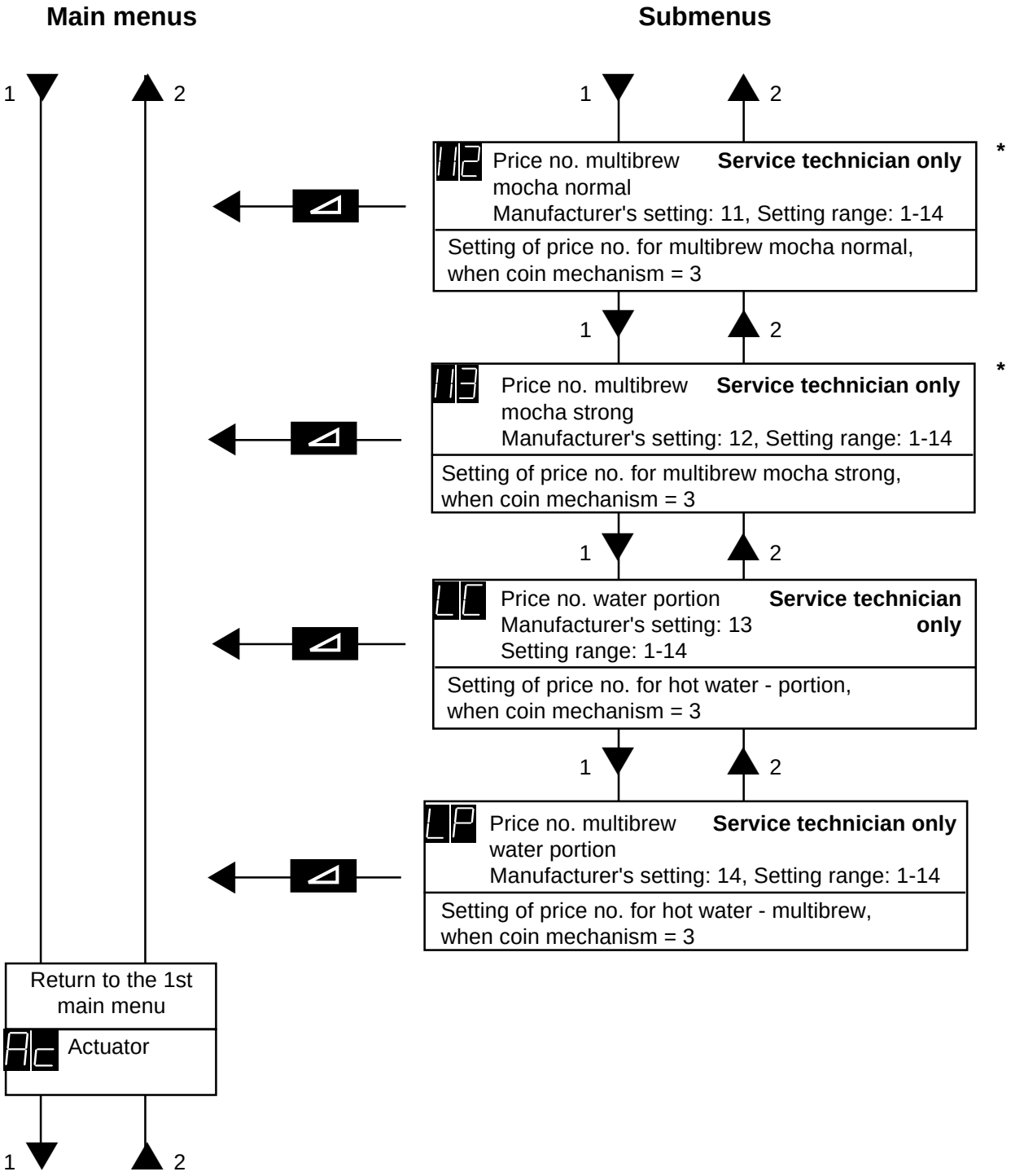

Main menus
Submenus
r1
Rinse mode
Service technician only
Man. setting: 1
Setting range: 1 = step by step rinsing process
2 = rinsing process without stop
Setting the mode for the rinsing process
1
2
CE
Coin Terminal
CA
Coin Acceptor
Service technician only
Manufacturer's setting: 0 = none
Setting range: 0 = none, 1 = Mars,
2 = NRI G13, 3 = Executive
Selection of a coin module (optional)
P1
Price setting coffee/tea
Also operator
Manufacturer's setting: 2
Setting range: 1, 2
Price setting for coffee/tea
P11
Price setting mocha
Also operator *
Manufacturer's setting: 2
Setting range: 1, 2
Price setting mocha
PL
Price setting water
Also operator
Manufacturer's setting: 1
Setting range: 1, 2
Price setting for hot water
I1
Price no. coffee or tea mild
Service technician only
Manufacturer's setting: 1
Setting range: 1-14
Setting of price no. for mild coffee or tea,
when coin mechanism = 3
I2
Price no. coffee or tea normal
Service technician only
Manufacturer's setting: 2
Setting range: 1-14
Setting of price no. for normal coffee or tea,
when coin mechanism = 3
1 ▼ =
▲ 2 =
*These steps are not possible for dispensers with tea delivery



1 ▼ = , ▲ 2 = *These steps are not possible for dispensers with tea delivery



1 ▼ = , ▲ 2 = *These steps are not possible for dispensers with tea delivery



1 ▼ = , ▲ 2 = *These steps are not possible for dispensers with tea delivery

4.1.3 Function of the push buttons in the programming mode

Rinse button +

Activation of the programming mode for the operator / quitting the programming mode, for the operator and the service technician

+

Activation of the menus for the service technician

Paging forwards through the list of main or submenus. After the last menu the first one reapperas.

Paging backwards through the list of main or submenus. After the first menu the last one reapperas.

Changing between main menu and submenu.

For dispensers with coffee delivery:

Increasing the set value by 1.

Decreasing the set value by 1.

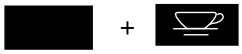
+

Resetting to the manufacturer's setting

For dispensers with tea delivery

Increasing the set value by 1.

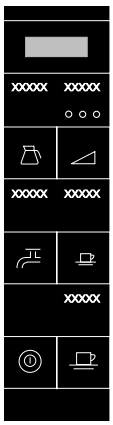
Decreasing the set value by 1.



Resetting to the manufacturer's setting

Rinse button + Safety switch

Test delivery



Operating unit with delivery of coffee

Operating unit with delivery of tea

4.1.4 Access to the programming mode

Button

- Open the left door.

Display

- Wait until the LED of the beverage strength button is extinguished.

Rinse button +

- Simultaneously actuate the "rinse button" and the "multibrew button".
- You are now in that part of the program which is accessible to the operator. You can display values and change them.

Access to the menus for the service technician:

+

- Simultaneously actuate the "multibrew button" and the "beverage strength button".
- The full programm is now accessible.

4.1.5 Quitting the programming mode

Rinse button +

- Simultaneously actuate the "rinse button" and the "multibrew button". The LEDs of the "beverage strength button" shine for 5 sec.
- Close the left door. The dispenser is again ready for operation.

It is possible to quit the programming mode in every position in the program.

4.1.6 Selecting and displaying values (service technician)

Button		**Display**
	- Enter the programming mode (see chap. Access to the programming mode)	
	1. Selection of the main menu	
	- Paging forwards:"multibrew button"	
	<u>or</u> paging backwards: "hot water button"	
4x	**Example:** Actuate the "multibrew button" 4 times to select the "dosing system"	
	2. Selection of the submenu	
	- Actuate the "beverage strength button"	
	- The first submenu in the group "powder dosing" is displayed.	
	- Paging forwards:"multibrew button"	
	<u>or</u> paging backwards: "hot water button" to select the submenu.	
3x	**Display:** I3 for "strong coffee" is displayed.	
1)	- Actuate the "coffee button"	
2)	<u>or</u> the "mocha button", the display then shows the set value.	
	- Use the "beverage strength button" to return to the main menu.	

with tea: Press 1) or 2)

4.1.7 Changing values and checking their setting

Button

Display

- Enter the programming mode (see chap. Access to the programming mode).
- Select the menu (see chap. Selecting and displaying values).
- The designation of the selected value is displayed.

or 1)

- Actuate the "coffee" or the "mocha" button". The set value is then displayed.

2)

- To increase the value: use the "coffee button" to increase the value in steps of 1.

3)

- To decrease the value: use the "mocha button" to decrease the value in steps of 1.

Checking the setting:

- Actuate the "multibrew button" and the next menu is displayed.

- Actuate the "hot water button" and the menu which has just been set is displayed again.
- Check whether the value is correct.
- Quit the programming mode
  or
  select a new menu.

with tea: 1) press or
2) to increase the value
3) to decrease the value

4.1.8 Setting the starting position of the actuator

Button		Display
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	- Actuate the "beverage strength button".	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: Fr (front), bA (rear) Manufacturer's setting: bA	
or 2)	- Changing the setting: Actuate the "coffee" or "mocha button"	
	Checking the setting:	
	- Actuate the "beverage strength button".	
	- Actuate the "beverage strength button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press ■ or ☕
2) press ■ or ☕
3) ■ or ☕ : to check the adjustment

4.1.9 Setting the boiler temperature

Button		Display
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	- Actuate the "multibrew button".	
	- Actuate the "beverage strength button".	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 75 °C–97 °C Manufacturer's setting: 96 °C	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or

2) to increase the value

to decrease the value

3) or : to check the adjustment

4.1.10 Setting the max. filling time of the boiler at start up

Button		Display
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	- Actuate the "multibrew button".	
	- Actuate the "beverage strength button".	
	- Actuate the "multibrew button".	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 10–40 (100–400 sec.) Manufacturer's setting: 12 (120 sec.)	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.11 Setting the max. filling time of the boiler during operation

Button		Display
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	- Actuate the "multibrew button".	
	- Actuate the "beverage strength button".	
2x	- Actuate the "multibrew button" twice.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 30–60 sec. Manufacturer's setting: 60 sec.	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.12 Setting the leak control

Button		Display
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	- Actuate the "multibrew button".	
	- Actuate the "beverage strength button".	
3x	- Actuate the "multibrew button" 3 times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 5–90 min. Manufacturer's setting: 10 min.	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press ■ or ☕
2) ■ to increase the value
☕ to decrease the value
3) ■ or ☕ : to check the adjustment

4.1.13 Changing over from coffee delivery to tea delivery

Button		**Display**
	- Open the left door	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
2x	- Actuate the "multibrew button" twice.	
	- Actuate the "beverage strength button".	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range 0 = coffee, 1 = tea, Manufacturer's setting: 0	
or 2)	- Changing the setting: Actuate the "coffee" or the "mocha" button	
	Checking the setting:	
2x	- Actuate the "beverage strength button" twice.	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) press or
3) or : to check the adjustment

4.1.14 Setting the brewing time for coffee or tea

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
3x	- Actuate the "multibrew button" 3 times.	
	- Actuate the "beverage strength button".	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 0–99, Manufacturer's setting: Coffee: 27 (2.7 sec), Tea: 40 (4.0 sec)	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	4)
	- Actuate the "hot water button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment
4) Not for dispensers with tea delivery

4.1.15 Setting the brewing time for mocha *

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
3x	- Actuate the "multibrew button" three times.	
	- Actuate the "beverage strength button".	
1x	- Actuate the "multibrew button" once.	
or	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 0–99, Manufacturer's setting: 27 (2.7 sec)	
or	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button"	
or	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

* Not possible for dispensers with tea delivery.

4.1.16 Setting the dosing factor

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
4x	- Actuate the "multibrew button" four times.	
	- Actuate the "beverage strength button".	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 5 or 8, Manufacturer's setting: 5	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press ■ or ☕
2) ■ to increase the value
☕ to decrease the value
3) ■ or ☕ : to check the adjustment

4.1.17 Setting the beverage strength for mild coffee and tea via the product quantity

Button		Display
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
4x	- Actuate the "multibrew button" four times.	
	- Actuate the "beverage strength button".	
1x	- Actuate the "multibrew button" once.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–99, Manufacturer's setting: Coffee: 40, Tea: 12 In this menu it is possible to carry out a test delivery *(see chap. Test delivery (product quantity))*	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.18 Setting the beverage strength for normal coffee or tea via the product quantity

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
4x	- Actuate the "multibrew button" four times.	
	- Actuate the "beverage strength button".	
2x	- Actuate the "multibrew button" twice.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–99, Manufacturer's setting: Coffee: 55, Tea: 14 In this menu it is possible to carry out a test delivery *(see chap. Test delivery (product quantity))*	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button"	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.19 Setting the beverage strength for strong coffee or tea via the product quantity

Button					**Display**
			-	Open the left door.	
Rinse button	+		-	Simultaneously actuate the "rinse button" and the "multibrew button".	
	+		-	Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	4x		-	Actuate the "multibrew button" four times.	
			-	Actuate the "beverage strength button".	
	3x		-	Actuate the "multibrew button" three times.	
	or	1)	-	Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–99, Manufacturer's setting: Coffee: 70, Tea: 16 *I*n this menu it is possible to carry out a test delivery *(see chap. Test delivery (product quantity))*	
	or	2)	-	Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
				Checking the setting:	
			-	Actuate the "multibrew button".	
			-	Actuate the "hot water button"	
	or	3)	-	Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button	+		-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or

2) to increase the value

to decrease the value

3) or : to check the adjustment

4.1.20 Setting the beverage strength for mild mocha via the product quantity *

Button		Display
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
4x	- Actuate the "multibrew button" four times.	
	- Actuate the "beverage strength button".	
4x (or 3x)	- Actuate the "multibrew button" four times.	
or	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–99, Manufacturer's setting: 40 In this menu it is possible to carry out a test delivery *(see chap. Test delivery (product quantity))*	
or	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button".	
or	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

* Not possible for dispensers with tea delivery.

4.1.21 Setting the beverage strength for normal mocha via the product quantity *

Button		**Display**
Open the left door.	-	
Rinse button + multibrew button	- Simultaneously actuate the "rinse button" and the "multibrew button".	bt
multibrew button + beverage strength button	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	Ac
multibrew button 4x	- Actuate the "multibrew button" four times.	Pd
beverage strength button	- Actuate the "beverage strength button".	dF
multibrew button 5x (or 2x hot water button)	- Actuate the "multibrew button" five times.	12
coffee button or mocha button	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–99, Manufacturer's setting: 55 In this menu it is possible to carry out a test delivery *(see chap. Test delivery (product quantity))*	55
coffee button or mocha button	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
multibrew button	- Actuate the "multibrew button".	13
hot water button	- Actuate the "hot water button".	12
coffee button or mocha button	- Actuate the "coffee" or the "mocha button" and check the setting.	55
Rinse button + multibrew button	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

* Not possible for dispensers with tea delivery.

4.1.22 Setting the beverage strength for strong mocha via the product quantity *

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
4x	- Actuate the "multibrew button" four times.	
	- Actuate the "beverage strength button".	
6x (or 1x)	- Actuate the "multibrew button" six times.	
or	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–99, Manufacturer's setting: 70 In this menu it is possible to carry out a test delivery *(see chap. Test delivery (product quantity))*	
or	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

* Not possible for dispensers with tea delivery.

4.1.23 Activation / deactivation of the sensor for cup and pot delivery

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	AL
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	Ac
5x (or 3x)	- Actuate the "multibrew button" five times.	CS
	- Actuate the "beverage strength button".	CA
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Manufacturer's setting: AC Setting range: AC = sensor activated PA = sensor deactivated	AC
or 2)	- Changing the setting: Actuate the "coffee" or "mocha" button	

WARNING: **When the sensor is deactivated beverages and hot water will also be delivered when there is no cup or pot in the dispenser. There is an increased risk of being scalded.**

Checking the setting:

	- Actuate the "multibrew button".	CP
	- Actuate the "hot water button".	CA
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	AC
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) press or
3) or : to check the adjustment

4.1.24 Activation / deactzivation of the sensor for pot delivery

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
5x (or 3x)	- Actuate the "multibrew button" five times.	
	- Actuate the "beverage strength button".	
1x	- Actuate the "multibrew button" once.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Manufacturer's setting: AC Setting range: AC = sensor activated PA = sensor deactivated	
or 2)	- Changing the setting: Actuate "coffee" or "mocha" button	

WARNING: **When the sensor is deactivated beverages and hot water will also be delivered when there is no cup or pot in the dispenser. Do not swing in the cup carrier and actuate a delivery button whithout placing vessel in the delivery area. There is an increased risk of being scalded.**

Checking the setting:

	- Actuate the "multibrew button".	
	- Actuate the "hot water button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) press or
3) or : to check the adjustment

4.1.25 Setting the starting number for multibrew

Button			Display
	-	Open the left door.	
Rinse button +	-	Simultaneously actuate the "rinse button" and the "multibrew button".	
+	-	Simultaneously actuate the "multibrew button" and the "beverage strength button".	
5x (or 3x)	-	Actuate the "multibrew button" five times.	
	-	Actuate the "beverage strength button".	
2x	-	Actuate the "multibrew button" twice.	
1)	-	Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Manufacturer's setting: 5 Setting range: 0–9	
or 2)	-	Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
		Checking the setting:	
	-	Actuate the "hot water button".	
	-	Actuate the "multibrew button".	
3)	-	Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.26 Enabling / disabling delivery at low temperature

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	bt
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	Ac
6x (or 2x)	- Actuate the "multibrew button" six times.	SL
	- Actuate the "beverage strength button".	rS
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Manufacturer's setting: SP Setting range: SP = delivery disabled ru = delivery enabled	SP
or 2)	- Changing the setting: Actuate the "coffee" or "mocha" button	
	If delivery at low temperaure is enabled it is possible to deliver cold beverages. In this case the country-specific regulations concerning the temperature have to be observed.	
	Checking the setting:	
	- Actuate the "multibrew button".	FL
	- Actuate the "hot water button".	rS
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	SP
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) press or
3) or : to check the adjustment

4.1.27 Delivery mode for hot water

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
6x (or 2x)	- Actuate the "multibrew button" six times.	
	- Actuate the "beverage strength button".	
1x	- Actuate the "multibrew button" once.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Manufacturer's setting: Co Setting range: Co = continuous delivery as long as the "hot water button" is pressed Po = delivery of 1 portion	
or 2)	- Changing the setting: Actuate the "coffee" or "mocha" button	

CAUTION: **There is an increased danger of being scalded when the dispenser is set to the delivery of 1 portion. After actuation of the "hot water button" hot water is delivered until the programmed quantity is delivered.**

Checking the setting:

	- Actuate the "multibrew button".	
	- Actuate the "hot water button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) press or
3) or : to check the adjustment

4.1.28 Setting the portion size for coffee or tea

Button		Display
	Changing the portion size results in a change of the beverage strength.	
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
6x (or 2x)	- Actuate the "multibrew button" six times.	
	- Actuate the "beverage strength button".	
2x	- Actuate the "multibrew button" twice.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 10–90 Manufacturer's setting: Coffee: 47 (4.7 sec), Tea: 60 (6.0 sec) In this menu a test delivery is possible (see *chap. Test delivery* (water volume)).	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	4)
	- Actuate the "hot water button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment
4) Not for dispensers with tea delivery

4.1.29 Setting the portion size for mocha *

Button		Display
	Changing the portion size results in a change of the beverage strength.	
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
6x (or 2x)	- Actuate the "multibrew button" six times.	
	- Actuate the "beverage strength button".	
3x	- Actuate the "multibrew button" three times.	
or	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 10–90, Manufacturer's setting: 32 (3.2 sec) *I*n this menu a test delivery is possible (see *chap. Test delivery* (water volume)).	
or	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button".	
or	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

* Not possible for dispensers with tea delivery.

4.1.30 Setting the portion size for hot water
(The delivery mode for water must be set to portioned)

Button			Display
	-	Open the left door.	
Rinse button +	-	Simultaneously actuate the "rinse button" and the "multibrew button".	Bt
+	-	Simultaneously actuate the "multibrew button" and the "beverage strength button".	Ac
6x (or 2x)	-	Actuate the "multibrew button" six times.	SL
	-	Actuate the "beverage strength button".	rS
4x (or 3x)	-	Actuate the "multibrew button" four times. The designation of the menu "Portion size for hot water" is displayed.	Lt
or 1)	-	Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 10–90, Manufacturer's setting: 40 (4.0 sec.) In this menu a test delivery is possible (see chap. *Test delivery* (water volume)).	40
or 2)	-	Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
		Checking the setting:	
	-	Actuate the "multibrew button".	rt
	-	Actuate the "hot water button".	Lt
or 3)	-	Actuate the "coffee" or the "mocha button" and check the setting.	40
Rinse button +	-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.31 Setting the water quantity for the rinsing process

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
6x (or 2x)	- Actuate the "multibrew button" six times.	
	- Actuate the "beverage strength button".	
5x (or 2x)	- Actuate the "multibrew button" five times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 10–90, Manufacturer's setting: 47 (4.7 sec) In this menu a test delivery is possible (see chap. *Test delivery* (water volume)).	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "multibrew button".	
	- Actuate the "hot water button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.32 Setting the mode for the rinsing process

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
6x (or 2x)	- Actuate the "multibrew button" six times.	
	- Actuate the "beverage strength button".	
6x (or 1x)	- Actuate the "multibrew button" six times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1 = step by step rinsing process 2 = rinsing process without interruption Manufacturer's setting: 1	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.33 Selection of the payment system

Button			-	Open the left door.	**Display**
Rinse button	+		-	Simultaneously actuate the "rinse button" and the "multibrew button".	
	+		-	Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	7x (or 1x)		-	Actuate the "multibrew button" seven times.	
			-	Actuate the "beverage strength button".	
	or	1)	-	Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 0 = None 1 = Mars 2 = NRI G13 3 = Executive Manufacturer's setting: 0	
	or	2)	-	Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	

Checking the setting:

			-	Actuate the "multibrew button".	
			-	Actuate the "hot water button".	
	or	3)	-	Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button	+		-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.34 Price setting for coffee or tea **(only possible if a paying system is connected)**

Button				Open the left door.	**Display**
Rinse button	+		-	Simultaneously actuate the "rinse button" and the "multibrew button".	
	+		-	Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	7x (or 1x	)	-	Actuate the "multibrew button" seven times.	
			-	Actuate the "beverage strength button".	
	1x		-	Actuate the "multibrew button" once.	
	or	1)	-	Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1, 2, Manufacturer's setting: 2	
	or	2)	-	Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	

Checking the setting:

			-	Actuate the "multibrew button".	
			-	Actuate the "hot water button".	
	or	3)	-	Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button	+		-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.35 Price setting for mocha (only possible if a paying system is connected) *

Button		Display
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
2x	- Actuate the "multibrew button" twice.	
or	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1, 2, Manufacturer's setting: 2	
or	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	

Checking the setting:

	- Actuate the "multibrew button".	
	- Actuate the "hot water button".	
or	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

* Not possible for dispensers with tea delivery.

4.1.36 Price setting for portioned hot water delivery
(only possible if a paying system is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
3x	- Actuate the "multibrew button" three times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1, 2, Manufacturer's setting: 1	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

4.1.37 Price number setting for mild coffee or tea delivery

(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
4x	- Actuate the "multibrew button" four times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 1	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	

Checking the setting:

	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.38 Price number setting for normal coffee or tea delivery
(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
5x	- Actuate the "multibrew button" five times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 2	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.39 Price number setting for strong coffee or tea delivery
(only possible if a paying system with executive interface is connected)

Button		Display
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
6x	- Actuate the "multibrew button" six times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 3	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.40 Price number setting for mild mocha delivery *)

(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
7x	- Actuate the "multibrew button" seven times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 4	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

*) Not possible for dispensers with tea delivery

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.41 Price number setting for normal mocha delivery *)

(only possible if a paying system with executive interface is connected)

Button		Display
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
8x	- Actuate the "multibrew button" eight times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 5	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

*) Not possible for dispensers with tea delivery

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.42 Price number setting for strong mocha delivery *)

(only possible if a paying system with executive interface is connected)

Button		Display
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
9x	- Actuate the "multibrew button" nine times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 6	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	

Checking the setting:

	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

*) Not possible for dispensers with tea delivery

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.43 Price number setting for mild multibrew coffe or tea delivery
(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
10x	- Actuate the "multibrew button" ten times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 7	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.44 Price number setting for normal multibrew coffe or tea delivery
(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
11x	- Actuate the "multibrew button" eleven times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 8	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.45 Price number setting for strong multibrew coffe or tea delivery

(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
12x	- Actuate the "multibrew button" twelve times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 9	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	

Checking the setting:

	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.46 Price number setting for mild multibrew mocha delivery *)

(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
13x	- Actuate the "multibrew button" thirteen times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 10	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

*) Not possible for dispensers with tea delivery

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.47 Price number setting for normal multibrew mocha delivery *)

(only possible if a paying system with executive interface is connected)

Button		Display
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
14x	- Actuate the "multibrew button" fourteen times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 11	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

*) Not possible for dispensers with tea delivery

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.48 Price number setting for strong multibrew mocha delivery *)

(only possible if a paying system with executive interface is connected)

Button		**Display**
	- Open the left door.	
Rinse button +	- Simultaneously actuate the "rinse button" and the "multibrew button".	
+	- Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	- Actuate the "multibrew button" seven times.	
	- Actuate the "beverage strength button".	
15x	- Actuate the "multibrew button" fifteen times.	
or 1)	- Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 12	
or 2)	- Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
	Checking the setting:	
	- Actuate the "hot water button".	
	- Actuate the "multibrew button".	
or 3)	- Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	- Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

*) Not possible for dispensers with tea delivery

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.49 Price number setting for normal multibrew mocha delivery
(only possible if a paying system with executive interface is connected)

Button				Display
		-	Open the left door.	
Rinse button	+	-	Simultaneously actuate the "rinse button" and the "multibrew button".	
	+	-	Simultaneously actuate the "multibrew button" and the "beverage strength button".	
	7x (or 1x)	-	Actuate the "multibrew button" seven times.	
		-	Actuate the "beverage strength button".	
	16x	-	Actuate the "multibrew button" sixteen times.	
	or 1)	-	Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 13	
	or 2)	-	Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
			Checking the setting:	
		-	Actuate the "hot water button".	
		-	Actuate the "multibrew button".	
	or 3)	-	Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button	+	-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.50 Price number setting for portioned hot water delivery - multibrew
(only possible if a paying system with executive interface is connected)

Button			Display
	-	Open the left door.	
Rinse button +	-	Simultaneously actuate the "rinse button" and the "multibrew button".	
+	-	Simultaneously actuate the "multibrew button" and the "beverage strength button".	
7x (or 1x)	-	Actuate the "multibrew button" seven times.	
	-	Actuate the "beverage strength button".	
17x	-	Actuate the "multibrew button" seventeen times.	
or 1)	-	Actuate the "coffee" or the "mocha button", the display shows the set value of the menu. Setting range: 1–14*, Manufacturer's setting: 14	
or 2)	-	Changing the value: increasing: actuate the "coffee button" decreasing: actuate the "mocha button"	
		Checking the setting:	
	-	Actuate the "hot water button".	
	-	Actuate the "multibrew button".	
or 3)	-	Actuate the "coffee" or the "mocha button" and check the setting.	
Rinse button +	-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) to increase the value
to decrease the value
3) or : to check the adjustment

* When adjusting the price numbers, the maximum number of prices that can be operated by the payment system must be considered (see operating instructions of the payment system).

4.1.51 Resetting to the manufacturer's setting *

Button					Display
			-	Open the left door.	
Rinse button	+		-	Simultaneously actuate the "rinse button" and the "multibrew button".	
			-	Select the submenu that shall be reset to the manufacturer's setting (see chap. Selecting and displaying values). The designation of the menu is displayed.	
	or		1) -	Actuate the "coffee" or "mocha button". The display changes to the value of the menu.	
	+		2) -	Simultabeously actuate the "coffee" and the "mocha button". The selected submenu is reset to the manufacturer's setting.	
			-	Check the setting.	
Rinse button	+		-	Quit the programming mode (simultaneously actuate the "rinse button" and the "multibrew button").	

with tea: 1) press or
2) press and

4.1.52 Test delivery (product quantity)

- For the adjustment of the beverage strength (via the product quantity) test deliveries can be carried out.

CAUTION: When removing the following components observe all safety instructions and regulations indicated in chap. 6.

- Remove the filter plate holder (*see chap. 5*)
- Remove the scraper *(see chap. 5)*.
- Remove the brewing cylinder *(see chap. 5)*
- For test deliveries the holder (**1**) for the measuring cup can be suspended. (Fig. 1)
- Place a suitable vessel underneath the opening of the dosing system.

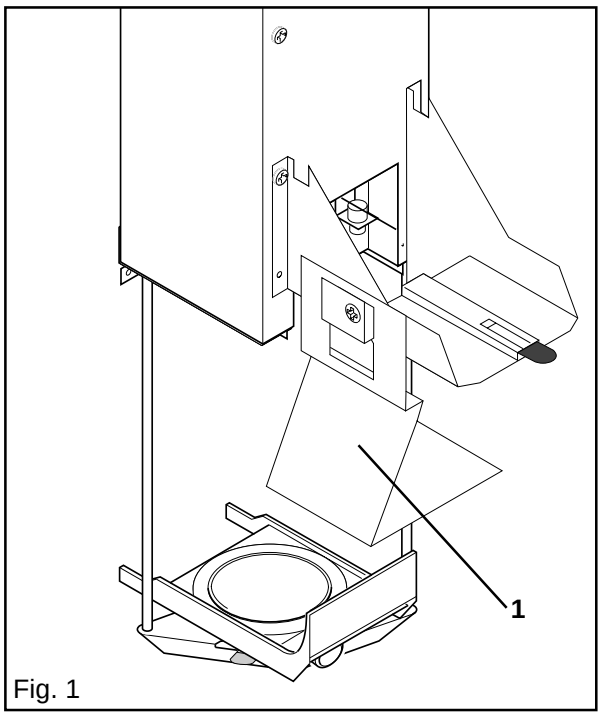


Fig. 1

- Activate the programming mode *(see chap. Access to the programming mode).*
- Select the menu in which you want to carry out a test delivery (see chap. Selecting and displaying values). A test delivery can be done in the following menus:
  - mild coffee/tea
  - normal coffee/tea
  - strong coffee/tea
  - mild mocha
  - normal mocha
  - strong mocha
- Simultaneously actuate the safety switch and the rinse button. A test quantity of the product will be delivered.
- Weigh the test quantity. If necessary change the product quantity by changing the setting of the menu.

4.1.53 Test delivery (water volume)

- For the adjustment of the portion size and the water quantity for the rinsing process test deliveries can be carried out.

Changing the portion size will effect the beverage strength.

CAUTION: When removing the following components observe all safety instructions and regulations indicated in chap. 1.

Test delivery for hot water:

- Activate the programming mode *(see chap. Access to the programming mode)*.
- Select the menu "Test delivery for hot water".
- Place a sufficiently large vessel underneath the outlet.

WARNING: Risk of scalding! The delivered water could be hot!

- Simultaneously actuate the safety switch and the rinse button. The adjusted water volume is delivered.
- Measure the delivered water volume, if necessary change it by correcting the setting of the menu.

Test delivery for coffee, tea, mocha, rinsing process:

- Remove the product container.
- Unlock the delivery spout and tilt it upwards.
- Remove the filter plate, scraper and brewing cylinder *(see chap. 5)*.
- Activate the programming mode (see chap. Access to the programming mode).
- Select the menu in which you want to carry out a test delivery (see chap. Selecting and displaying values). A test delivery can be done in the following menus:
  - Portion size for coffee/tea
  - Portion size for mocha
  - Water quantity for the rinsing process
- Place a sufficiently large vessel underneath the angle of the water inlet.

WARNING: Risk of scalding! The delivered water could be hot!

- Simultaneously actuate the door safety switch and the rinse button. The adjusted water volume is delivered.
- Measure the delivered water volume, if necessary change it by correcting the setting of the menu.

4.1.54 Explanation of the displays

Actuator

Cup/Pot Sensor activated

Actuator Starting Position

Coffee/Tea Brew Time

Mocha Brew Time *

Back

Boiler

Brewing Time

Coin Acceptor

Rinsing step by step

Cup/Pot Sensor pot brew

Cup/Pot Settings

Coin Terminal

Rinsing without stop

Dosing Factor

Evaporation Time

Hot Water Mode

Front

Max. Fill Time Power on

Max. Fill Time norm. Operation

Coffee/Tea: Mild

Coffee/Tea: Normal

Coffee/Tea: Strong

Mocha: Mild *

Mocha: Normal *

Mocha: Strong *

Time: Coffee/Tea

Time: Mocha *

Low temperature

Time: Water

Default number of Cups

Cup/Pot Sensor deactivated

Powder Dosing

Price Setting Coffee/ Tea

Price Setting Mocha *

Price Setting Water

For adjusting price numbers in the menu (coin terminal/ coin module) the following is valid:

Price no. Coffee or Tea mild

Price number Coffee or Tea normal

Price no. Coffee or Tea strong

Price no. Mocha mild *

Price no. Mocha normal *

Price no. Mocha strong *

Price no. Multibrew Coffee or Tea mild

Price no. Multibrew Coffee or Tea normal

Price no. Multibrew Coffee or Tea strong

Price no. Multibrew Mocha mild *

Price no. Multibrew Mocha normal *

Price no. Multibrew Mocha strong *

Price no. Multibrew Water Portion

Rinse mode

Stop Temperature Low

Time: Rinse

Delivery enabled with low temperature

Setting of Liquids

Delivery disabled with low temperature

* Not possible for dispensers with tea delivery.

4.2 Programming with the service device

4.2.1 General remarks on the service device

The service device (fig. 1)

- is used to adjust the microprocessor control,
- supports the determination of errors
- can only call up data that have been stored in the electronic control
- is delivered with an adapter for the connection to the dispenser
- is equipped with a clock function

CAUTION: **The service device is equipped with a 9 V alkaline block battery. There is a danger of an explosion due to improper handling. The battery may not be recharged, disassembled, short circuited, burnt, be subjected to temperatures >100 °C or put into water. Replace only with a battery of the same type. Dispose properly of spent batteries.**

The service device must be equipped with an EPROM, version 1.4 or higher. The clock function of the service device has to be adjusted before it can be used. The display is done in the 12 hour system, that means 13.00 = 1.00 pm (see chap. *«Entering date and time»*).
If no **Button** is actuated the service device switches itself automatically off after approx. 30 sec.

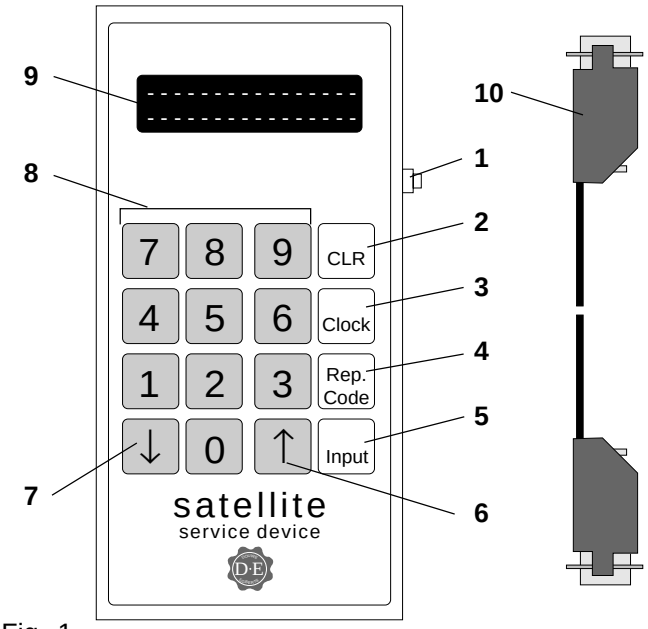


Fig. 1

Legend:

1 Activating **Button**
2 Clear **Button**
3 Clock **Button**
4 Rep. Code **Button** (without function)
5 Input **Button**
6 Up / backwards **Button**
7 Down / forwards **Button**
8 Numerical buttons
9 Display
10 Service device adapter AS2/ICHI (9 pol.)

4.2.2 Entering time and date into the service device

Button

The clock function has to be adjusted before it can be used. The time is displayed in the 12 hour system, that means 13.00 = 1.00 pm.

Display

Button		Display
Activating **Button**	- Use the activating **Button** to switch the service device on.	**Service Device 2 V1.xx (15-04-88)**
Clock	- Press the Clock **Button**.	**Date(m-d):07-21 Time(h-m):03-12a**
Input	- Press the Input **Button** and enter the correct day (e.g. 21) via the keyboard.	**Set day: 21** - - - - - - - - - - - - -
Input	- Press the Input **Button** and enter the correct month (e.g. 07) via the keyboard.	**Set month: 07** - - - - - - - - - - - - -
Input	- Press the Input **Button** and enter the correct hour (e.g. 03) via the keyboard.	**Set hour: 03a** - - - - - - - - - - - - -
↑	- The «a» in the display flashes. Use the Up **Button** to set it to p (pm = afternoon) or a (am = morning).	
Input	- Press the Input **Button** and enter the correct minute (e.g. 12) via the keyboard	**Set minute: 12** - - - - - - - - - - - - -
Input	- Press the Input **Button** several times to check the stored values. The stored data is shown one after the other. Correct them if necessary	
Clock	- Press the Clock **Button** to save the values and to switch the service device off.	

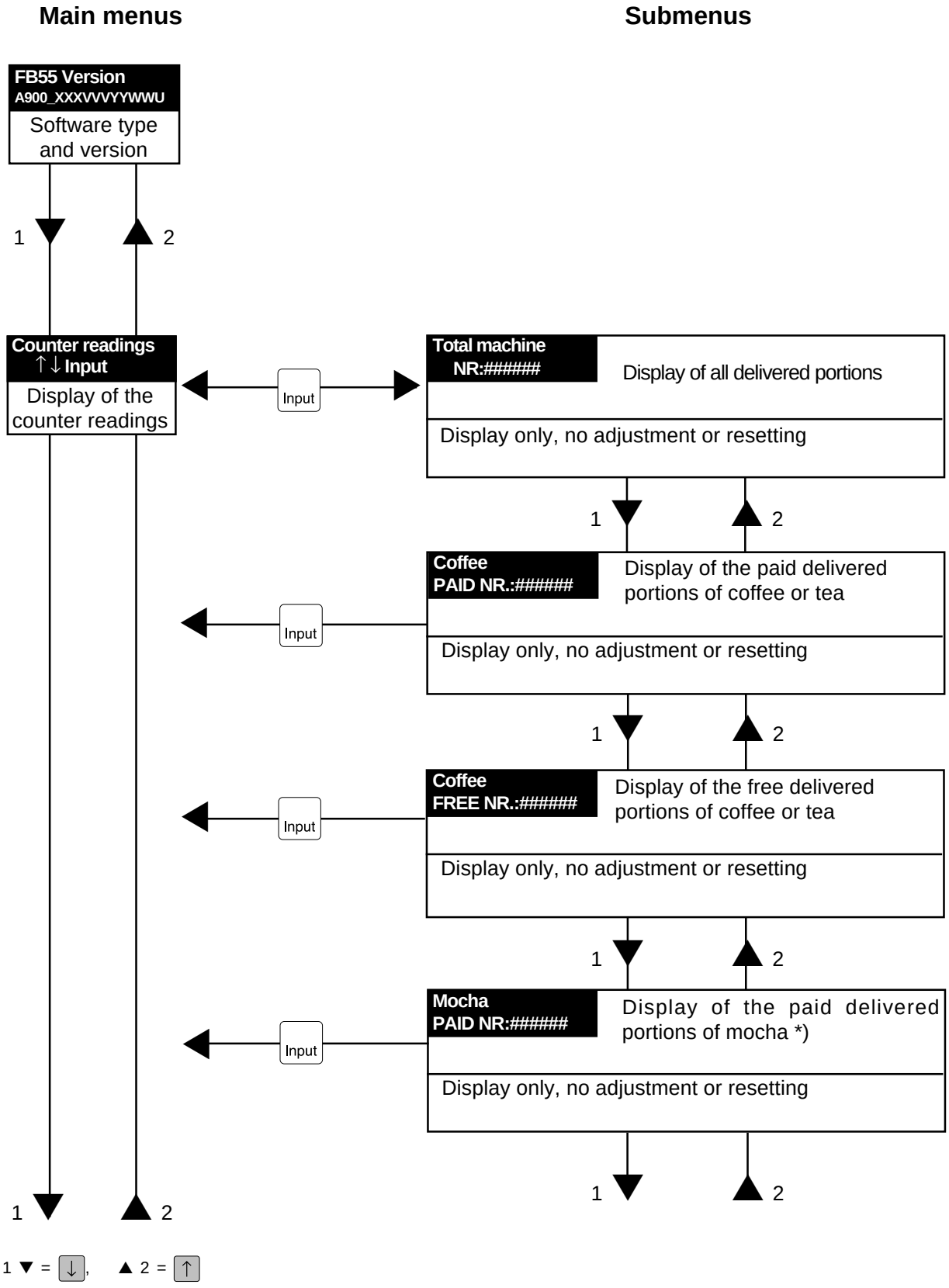
4.2.3 Reading off data on the service device

Button		Display
Activating button	- Use the activating button to switch the service device on.	**Service Device 2 V1.xx (15-04-88)**
Clock	- Press the Clock button. The current date and time are displayed.	**Date(m-d):07-21 Time(h-m):03-12a**
Clock	- Press the Clock button again, the service device is switched off.	
	Instead of the display described above the following display could be shown:	**Service Device 2 - Low battery -**

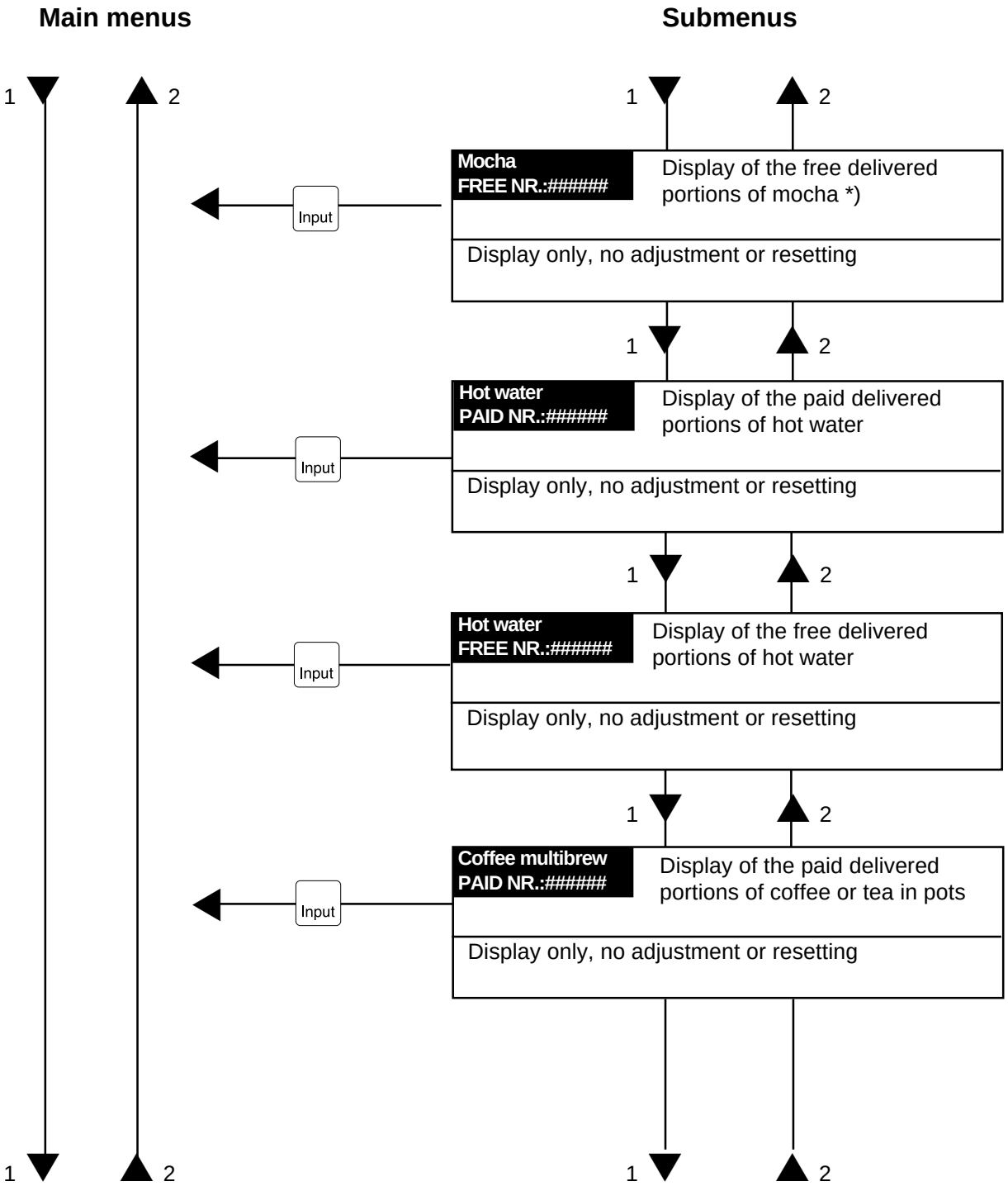
1. The battery in the service device is spent and has to be replaced with a new one.

CAUTION: Observe the safety instructions given in the chapter "General remarks on the service device".

4.2.4 Program structure

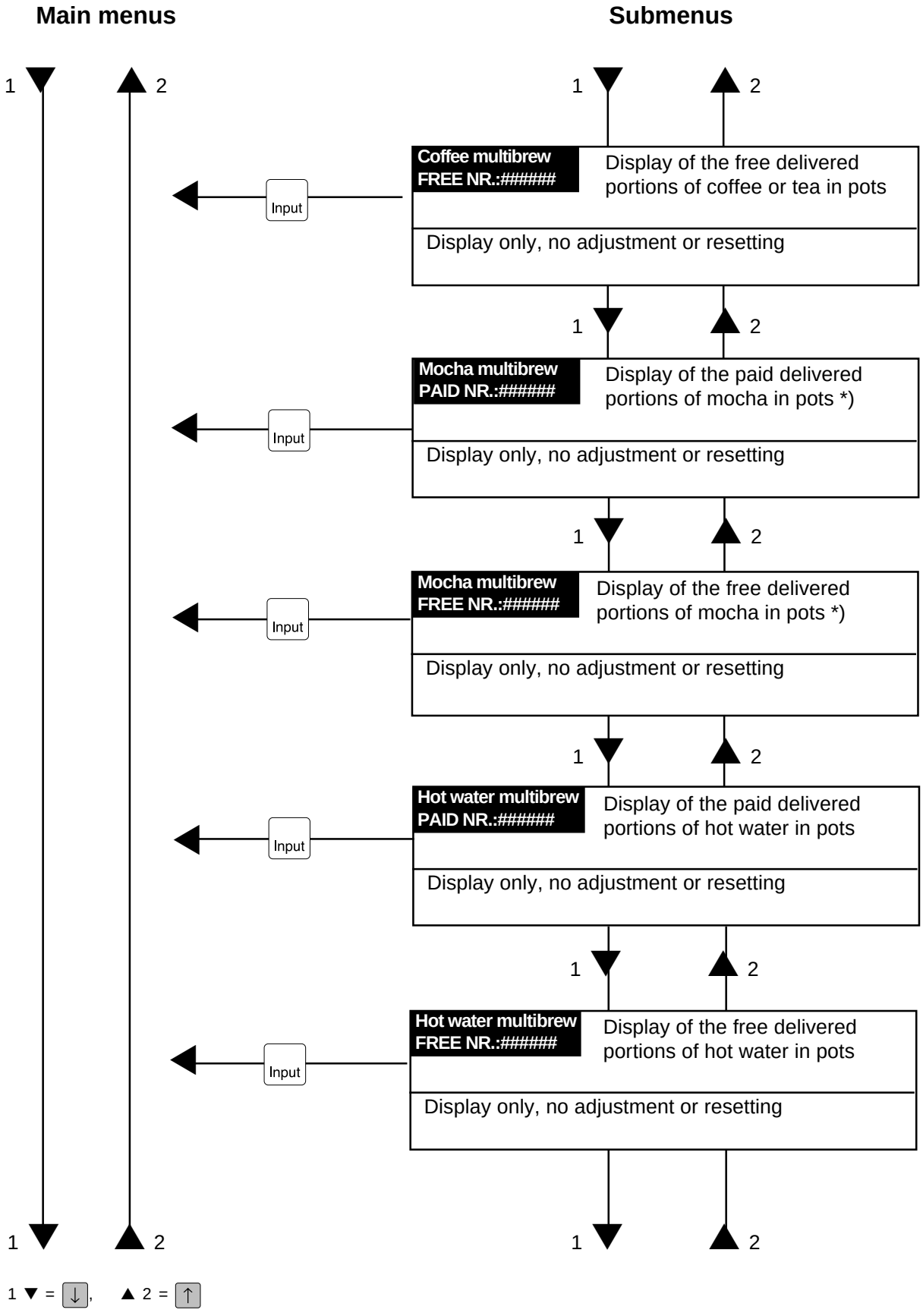


*) Not possible with dispensers for tea delivery.



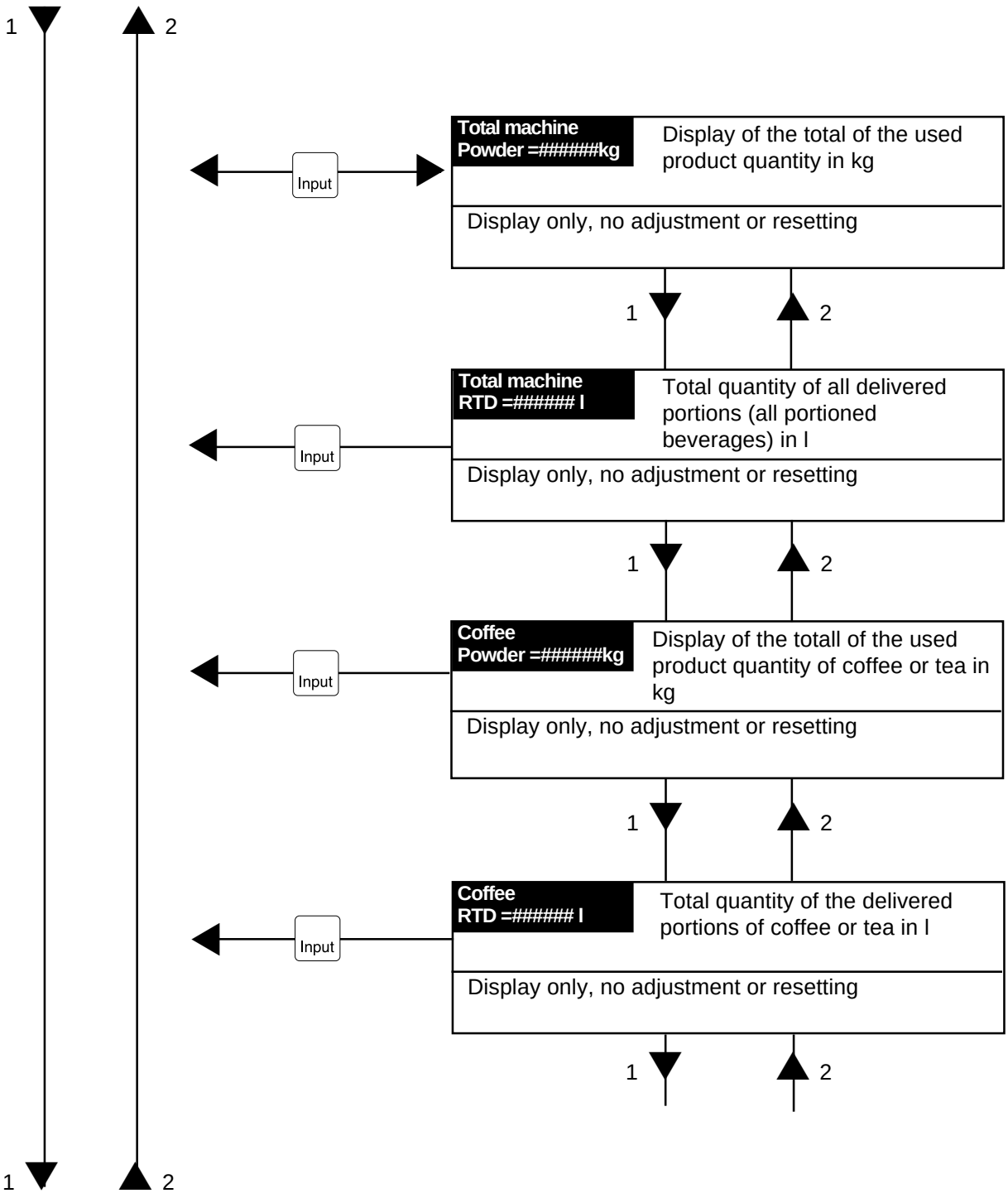
1 ▼ = ↓, ▲ 2 = ↑

*) Not possible with dispensers for tea delivery.



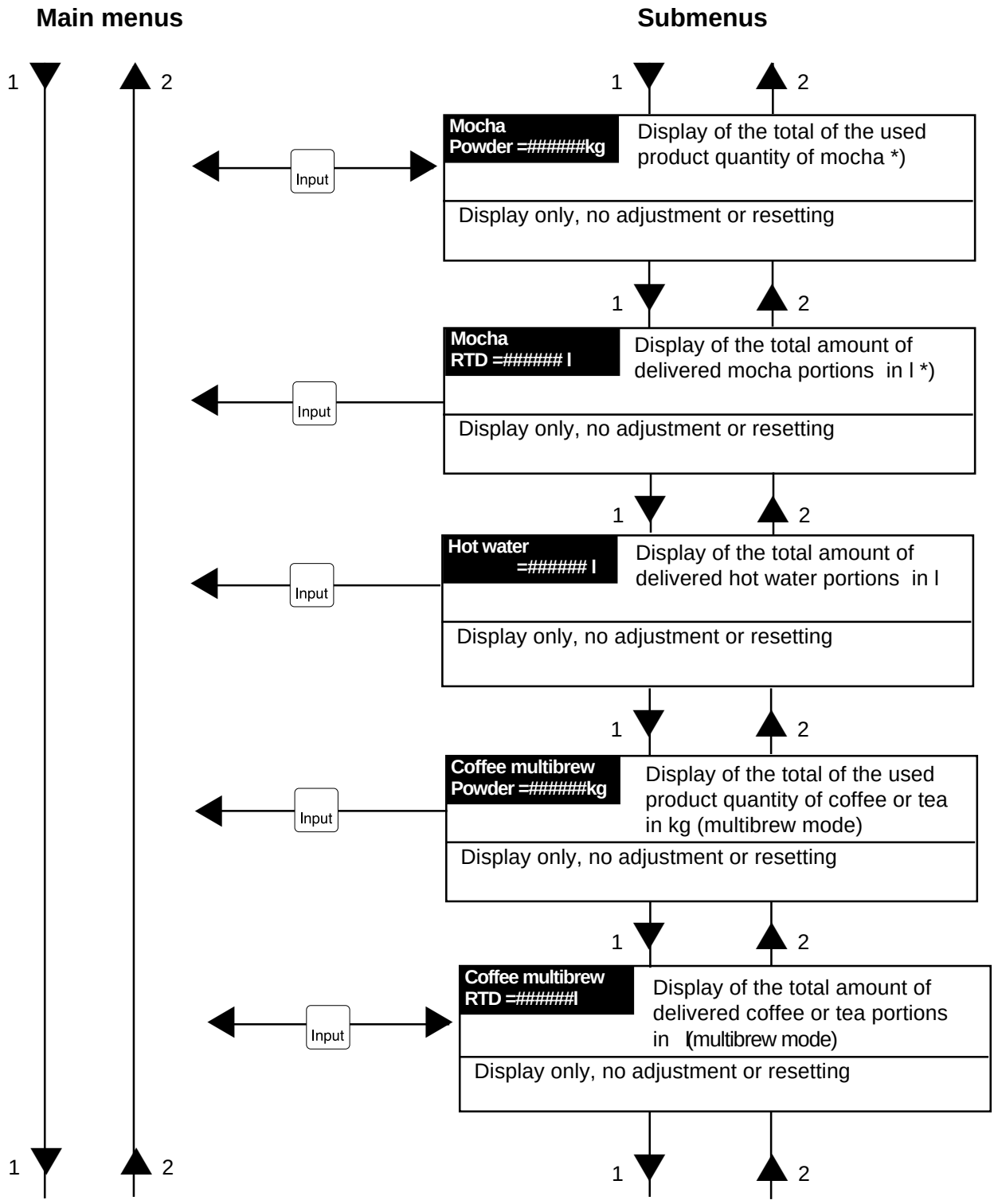
1 ▼ = ↓, ▲ 2 = ↑

*) Not possible with dispensers for tea delivery.



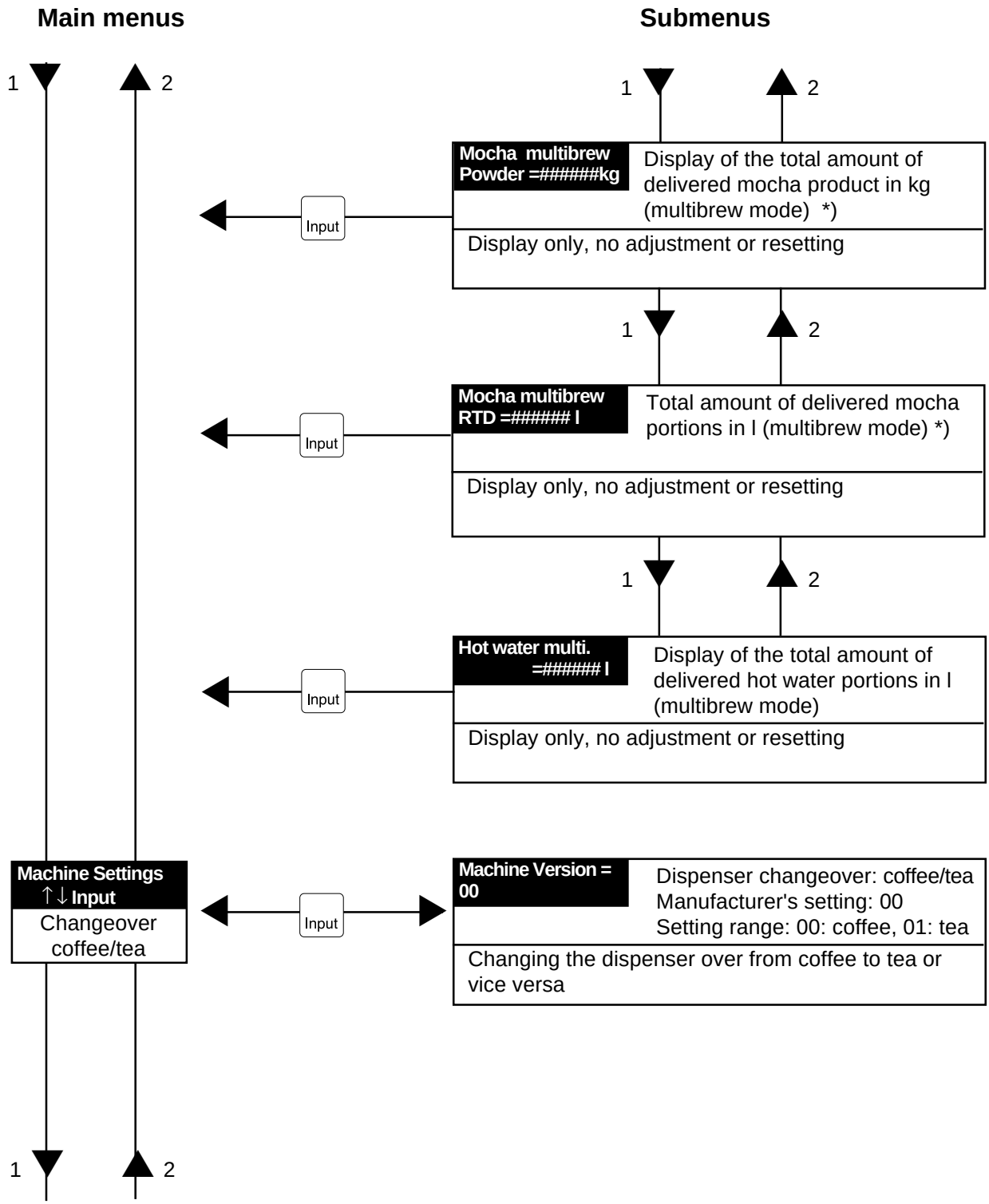
1 ▼ = ↓, ▲ 2 = ↑

*) Not possible with dispensers for tea delivery.



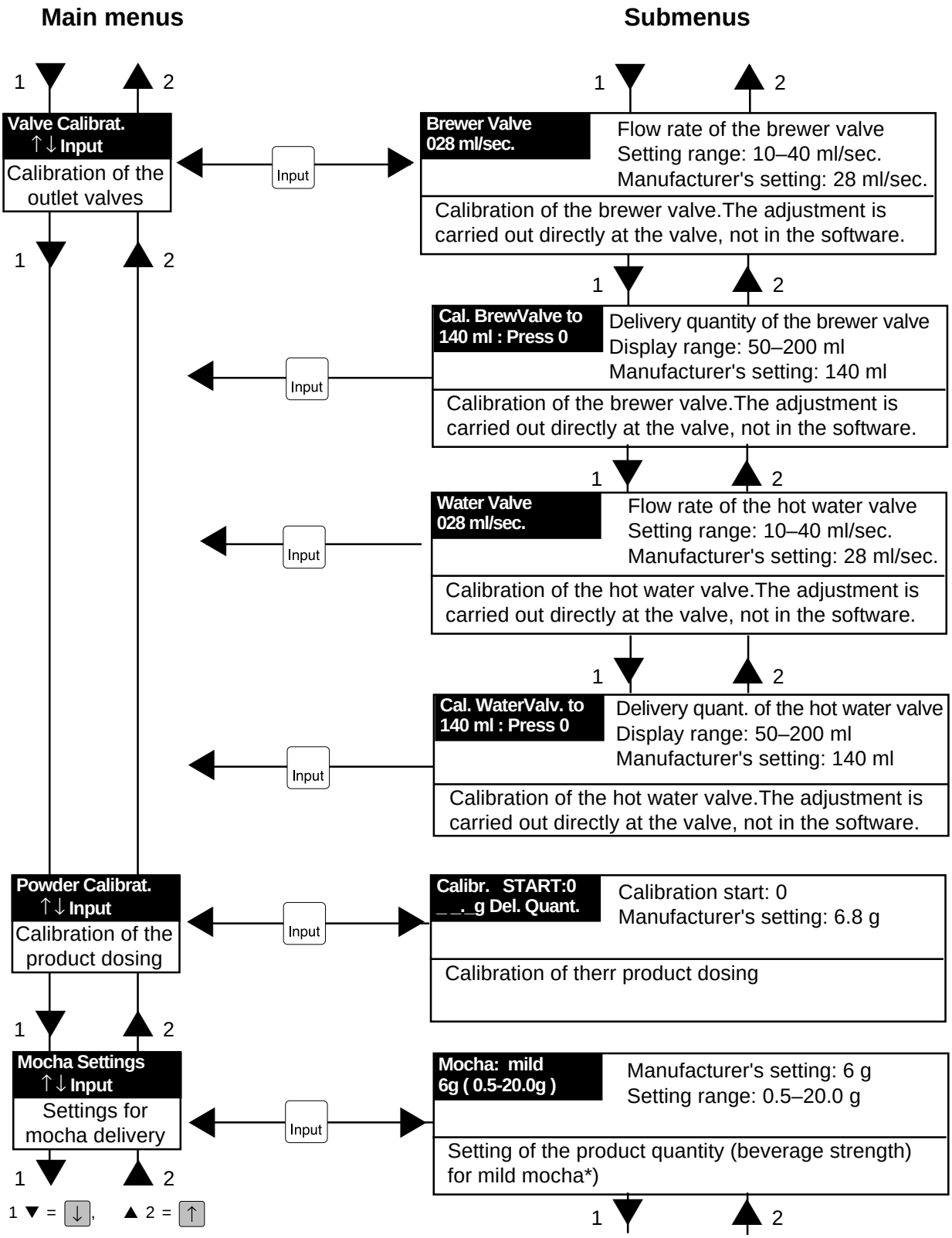
1 ▼ = ↓, ▲ 2 = ↑

*) Not possible with dispensers for tea delivery.

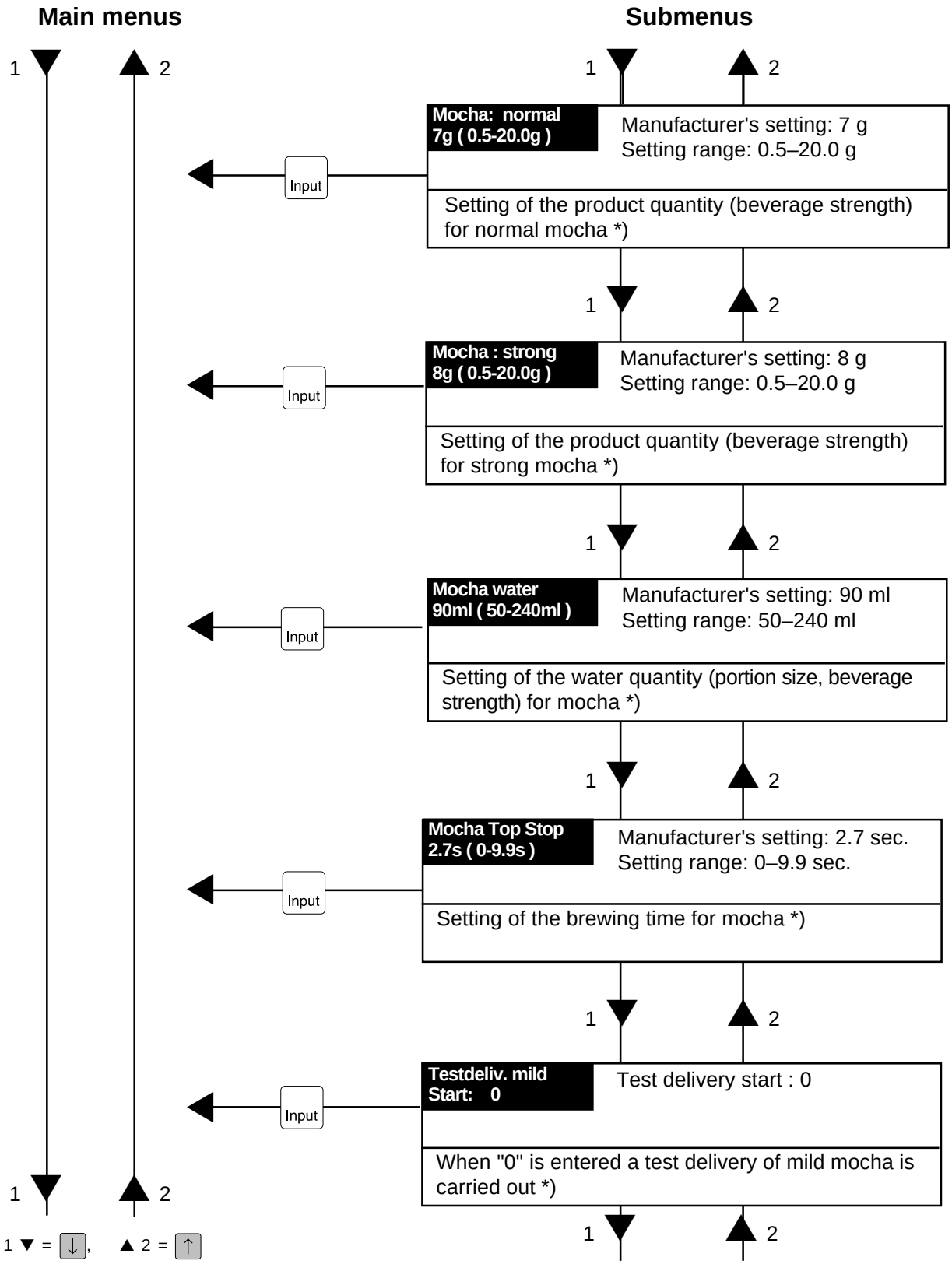


1 ▼ = ↓, ▲ 2 = ↑

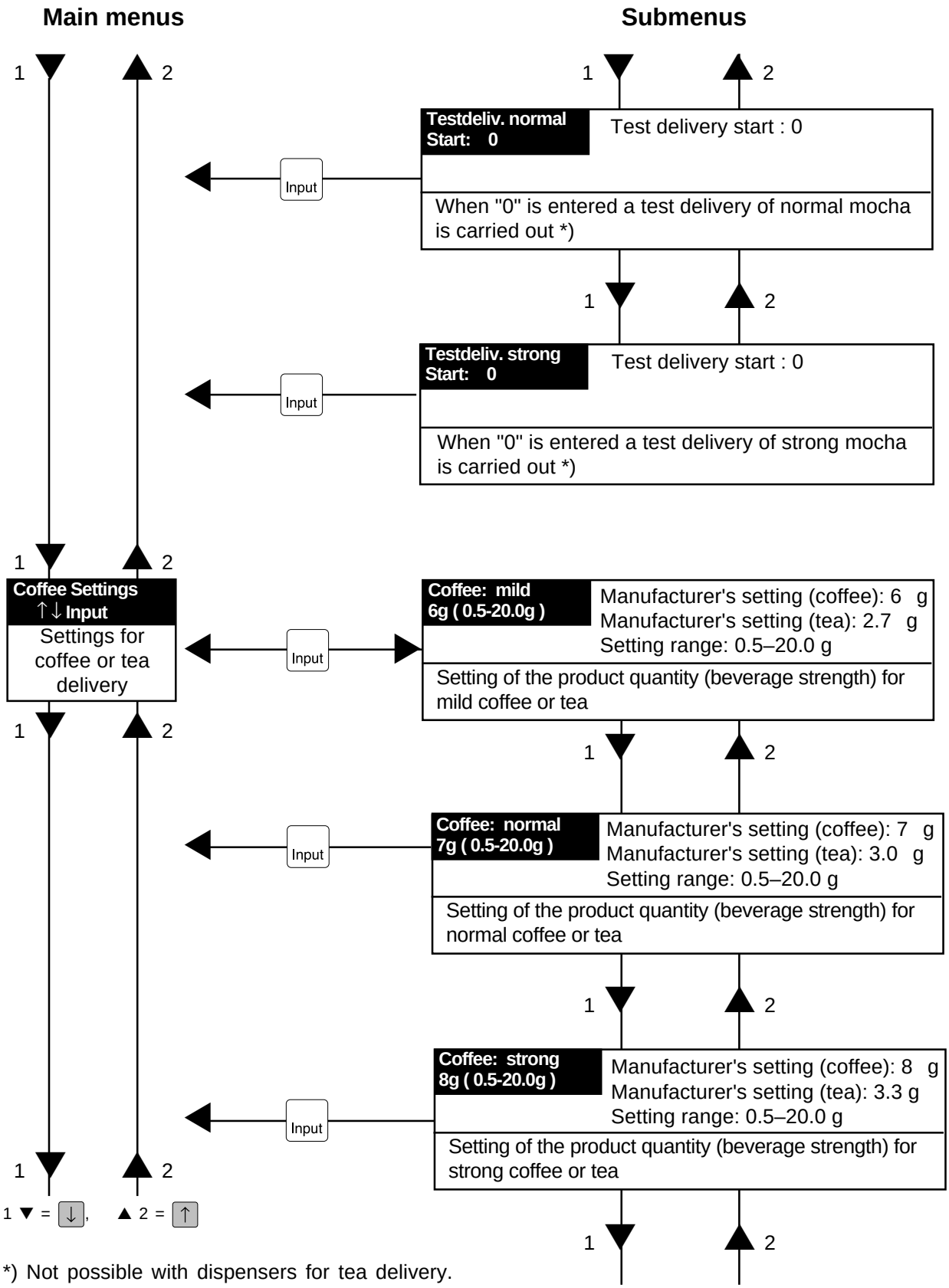
*) Not possible with dispensers for tea delivery.



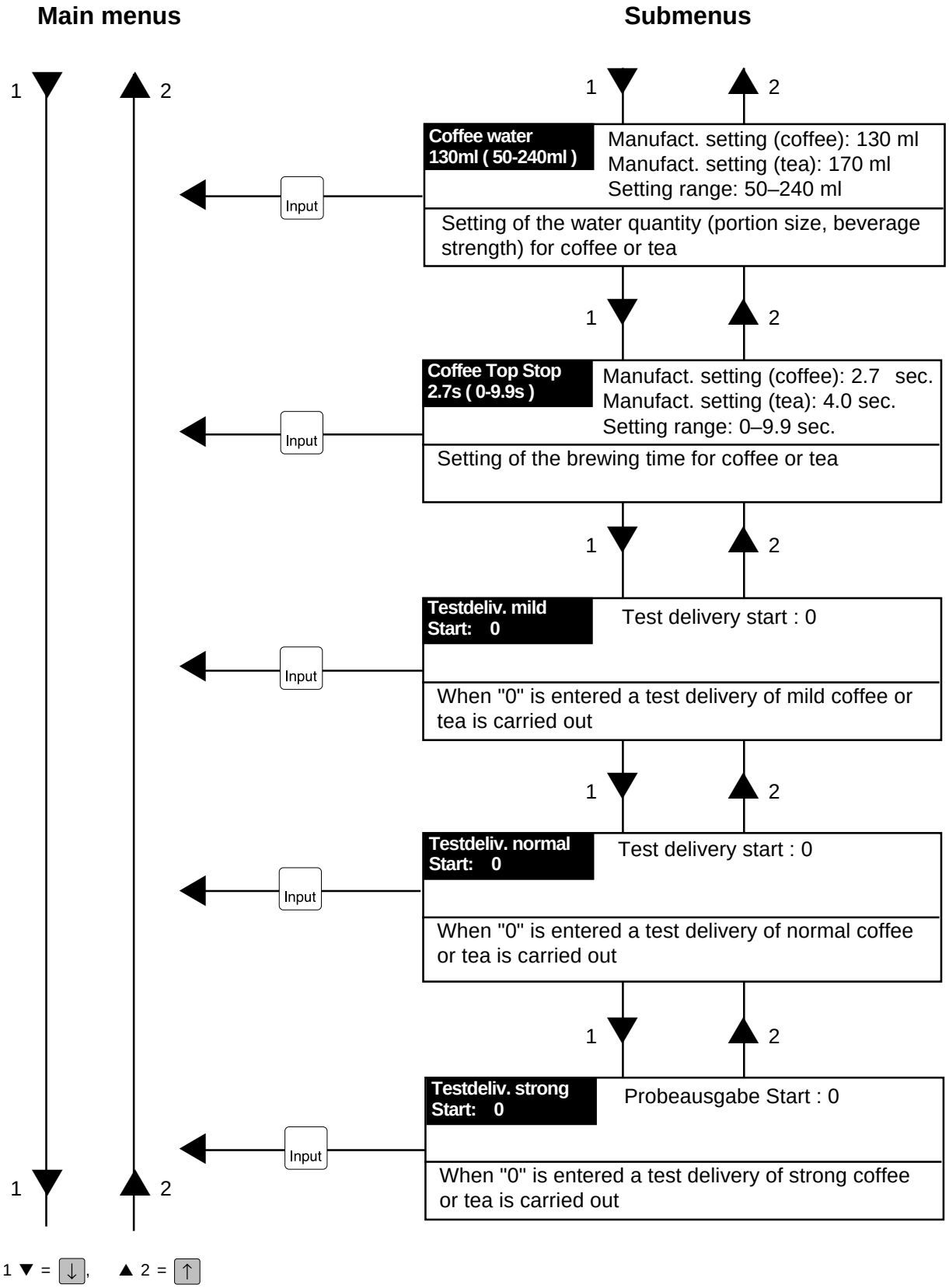
*) Not possible with dispensers for tea delivery.

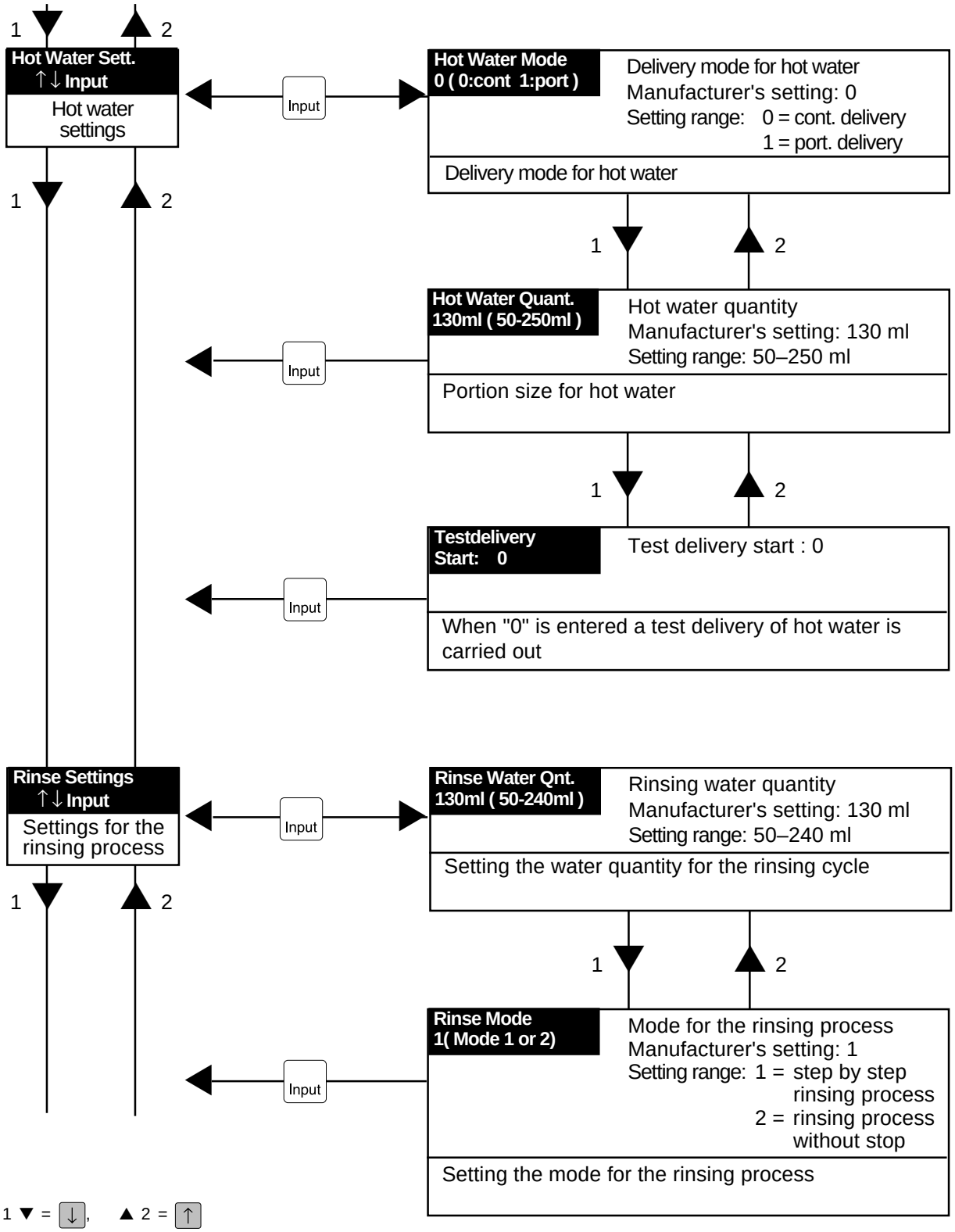


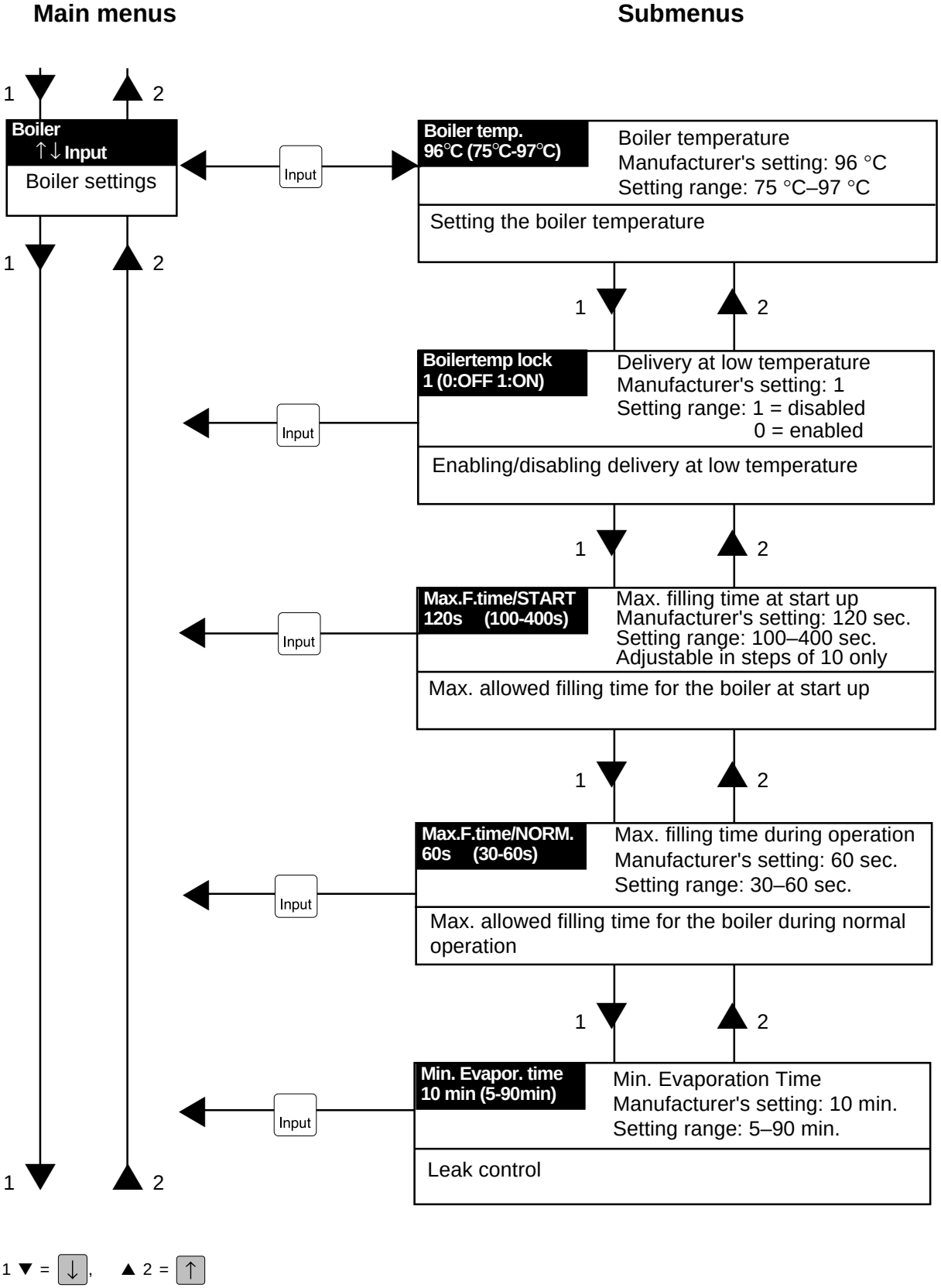
*) Not possible with dispensers for tea delivery.



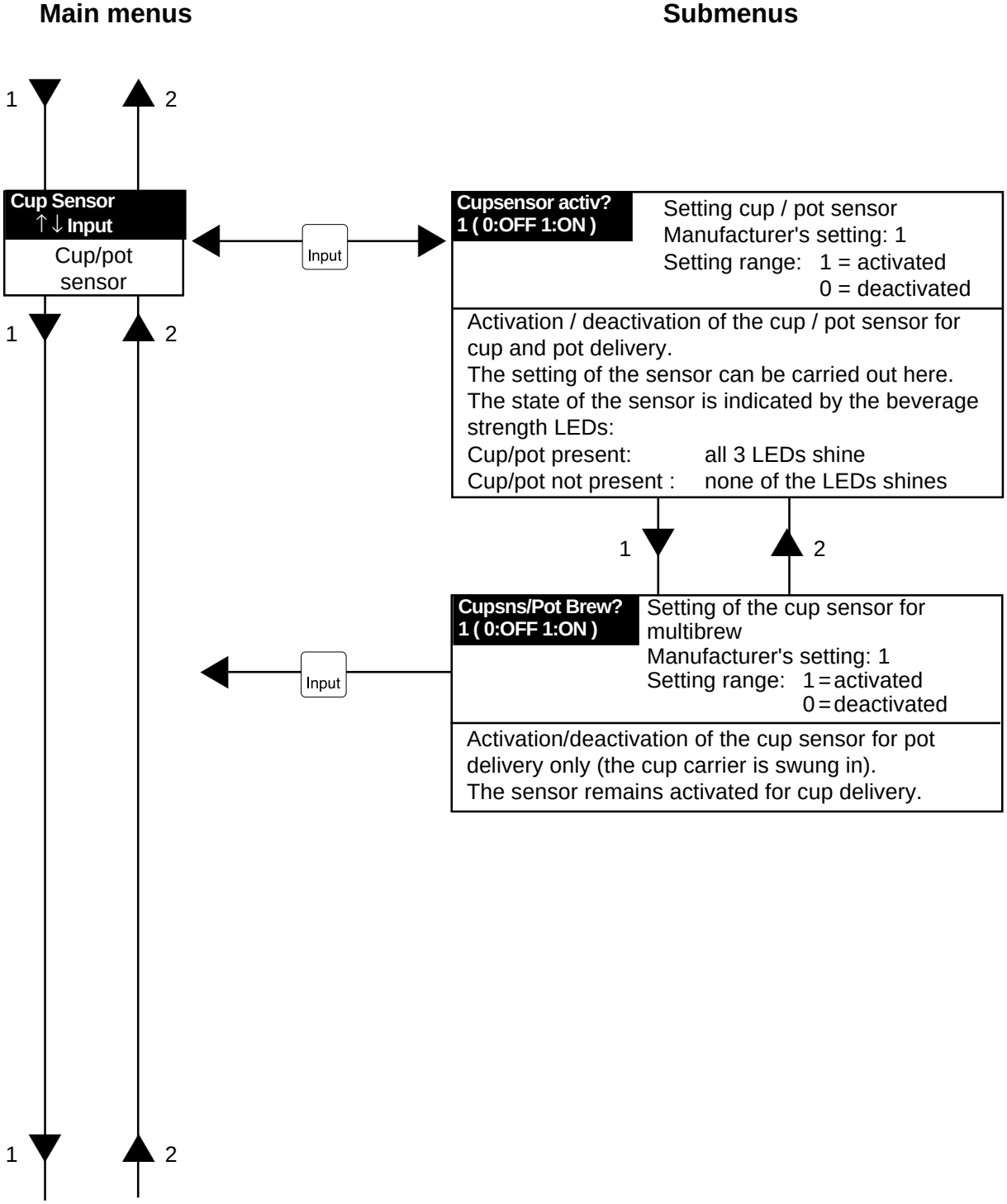
*) Not possible with dispensers for tea delivery.


Main menus
Submenus
1
2
Input
Coffee water
130ml (50-240ml)
Manufact. setting (coffee): 130 ml
Manufact. setting (tea): 170 ml
Setting range: 50–240 ml
Setting of the water quantity (portion size, beverage strength) for coffee or tea
Coffee Top Stop
2.7s (0-9.9s)
Manufact. setting (coffee): 2.7 sec.
Manufact. setting (tea): 4.0 sec.
Setting range: 0–9.9 sec.
Setting of the brewing time for coffee or tea
Testdeliv. mild
Start: 0
Test delivery start : 0
When "0" is entered a test delivery of mild coffee or tea is carried out
Testdeliv. normal
Start: 0
Test delivery start : 0
When "0" is entered a test delivery of normal coffee or tea is carried out
Testdeliv. strong
Start: 0
Probeausgabe Start : 0
When "0" is entered a test delivery of strong coffee or tea is carried out
1 ▼ = ↓, ▲ 2 = ↑

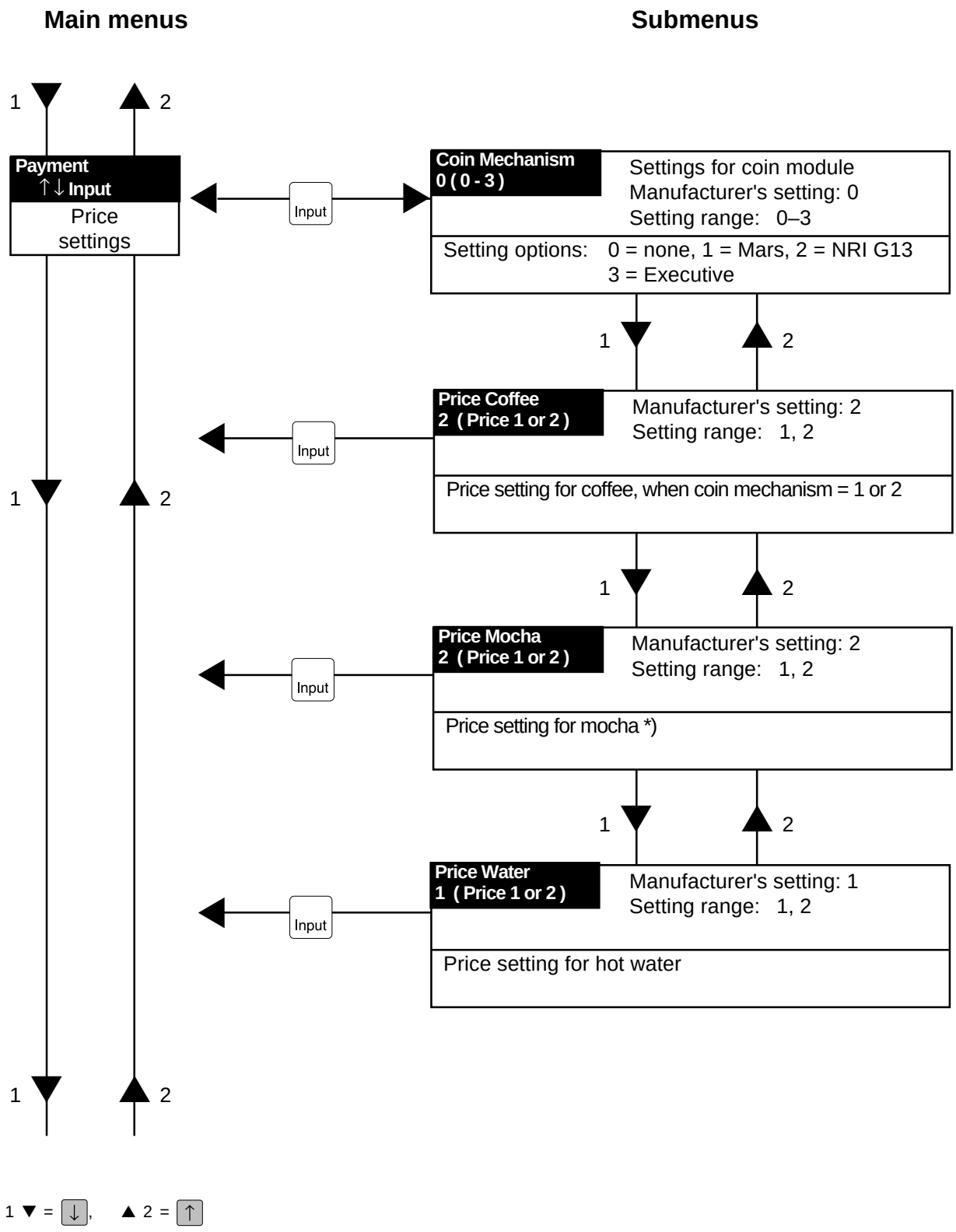

Main menus
Submenus
1
2
Hot Water Sett.
↑↓ Input
Hot water settings
Input
Hot Water Mode
0 (0:cont 1:port)
Delivery mode for hot water
Manufacturer's setting: 0
Setting range: 0 = cont. delivery
1 = port. delivery
Delivery mode for hot water
Hot Water Quant.
130ml (50-250ml)
Hot water quantity
Manufacturer's setting: 130 ml
Setting range: 50–250 ml
Portion size for hot water
Testdelivery
Start: 0
Test delivery start : 0
When "0" is entered a test delivery of hot water is carried out
Rinse Settings
↑↓ Input
Settings for the rinsing process
Rinse Water Qnt.
130ml (50-240ml)
Rinsing water quantity
Manufacturer's setting: 130 ml
Setting range: 50–240 ml
Setting the water quantity for the rinsing cycle
Rinse Mode
1(Mode 1 or 2)
Mode for the rinsing process
Manufacturer's setting: 1
Setting range: 1 = step by step rinsing process
2 = rinsing process without stop
Setting the mode for the rinsing process
1 ▼ = ↓, ▲ 2 = ↑


Main menus
Submenus
1
2
Boiler
↑↓ Input
Boiler settings
Input
Boiler temp.
96°C (75°C-97°C)
Boiler temperature
Manufacturer's setting: 96 °C
Setting range: 75 °C–97 °C
Setting the boiler temperature
Boilertemp lock
1 (0:OFF 1:ON)
Delivery at low temperature
Manufacturer's setting: 1
Setting range: 1 = disabled
0 = enabled
Enabling/disabling delivery at low temperature
Max.F.time/START
120s (100-400s)
Max. filling time at start up
Manufacturer's setting: 120 sec.
Setting range: 100–400 sec.
Adjustable in steps of 10 only
Max. allowed filling time for the boiler at start up
Max.F.time/NORM.
60s (30-60s)
Max. filling time during operation
Manufacturer's setting: 60 sec.
Setting range: 30–60 sec.
Max. allowed filling time for the boiler during normal operation
Min. Evapor. time
10 min (5-90min)
Min. Evaporation Time
Manufacturer's setting: 10 min.
Setting range: 5–90 min.
Leak control

1 ▼ = ↓, ▲ 2 = ↑

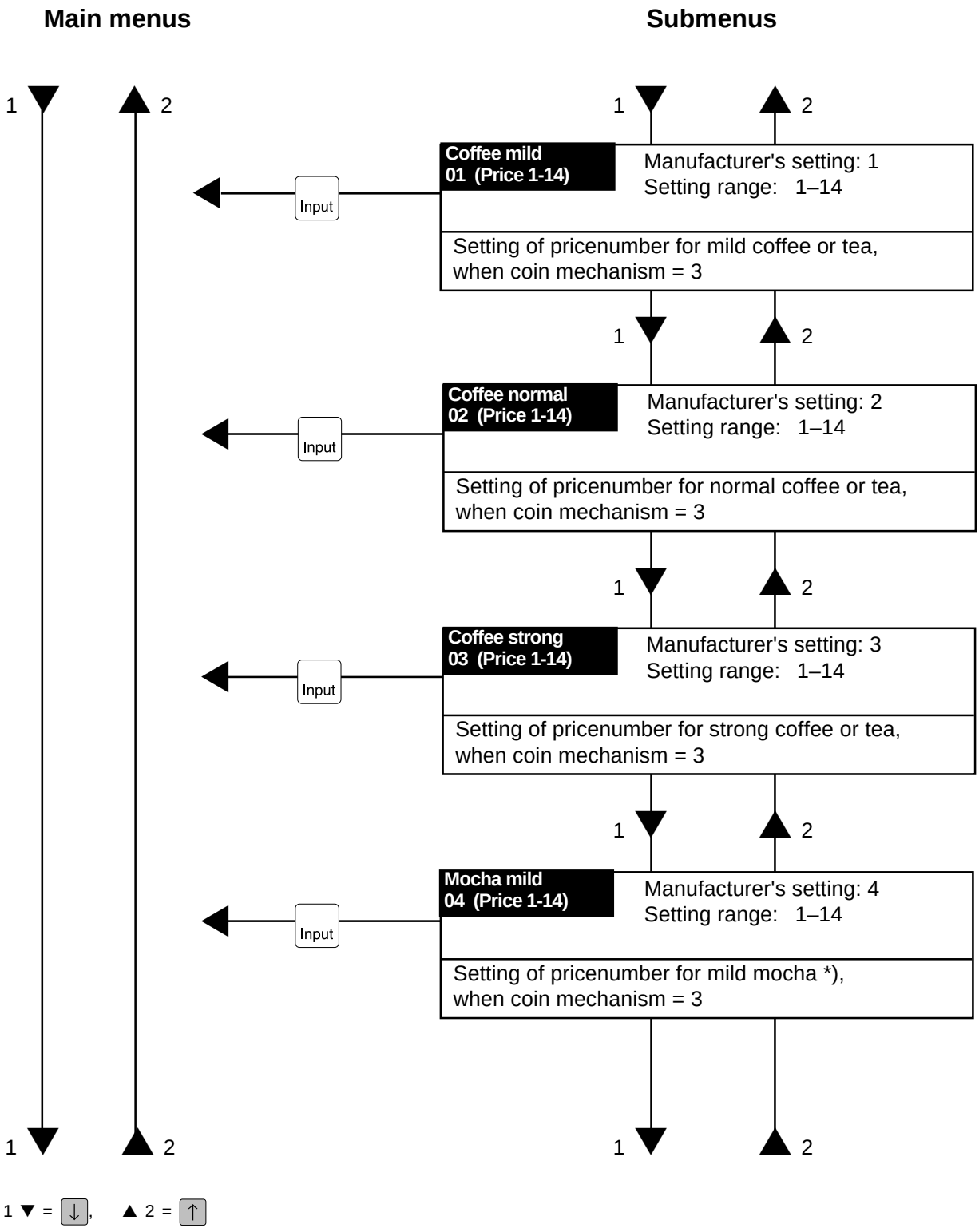

Main menus
Submenus
1
2
Cup Sensor
↑↓ Input
Cup/pot sensor
Input
Cupsensor activ?
1 (0:OFF 1:ON)
Setting cup / pot sensor
Manufacturer's setting: 1
Setting range: 1 = activated
0 = deactivated
Activation / deactivation of the cup / pot sensor for cup and pot delivery.
The setting of the sensor can be carried out here.
The state of the sensor is indicated by the beverage strength LEDs:
Cup/pot present: all 3 LEDs shine
Cup/pot not present : none of the LEDs shines
Cupsns/Pot Brew?
1 (0:OFF 1:ON)
Setting of the cup sensor for multibrew
Manufacturer's setting: 1
Setting range: 1 = activated
0 = deactivated
Activation/deactivation of the cup sensor for pot delivery only (the cup carrier is swung in).
The sensor remains activated for cup delivery.

1 ▼ = ↓, ▲ 2 = ↑

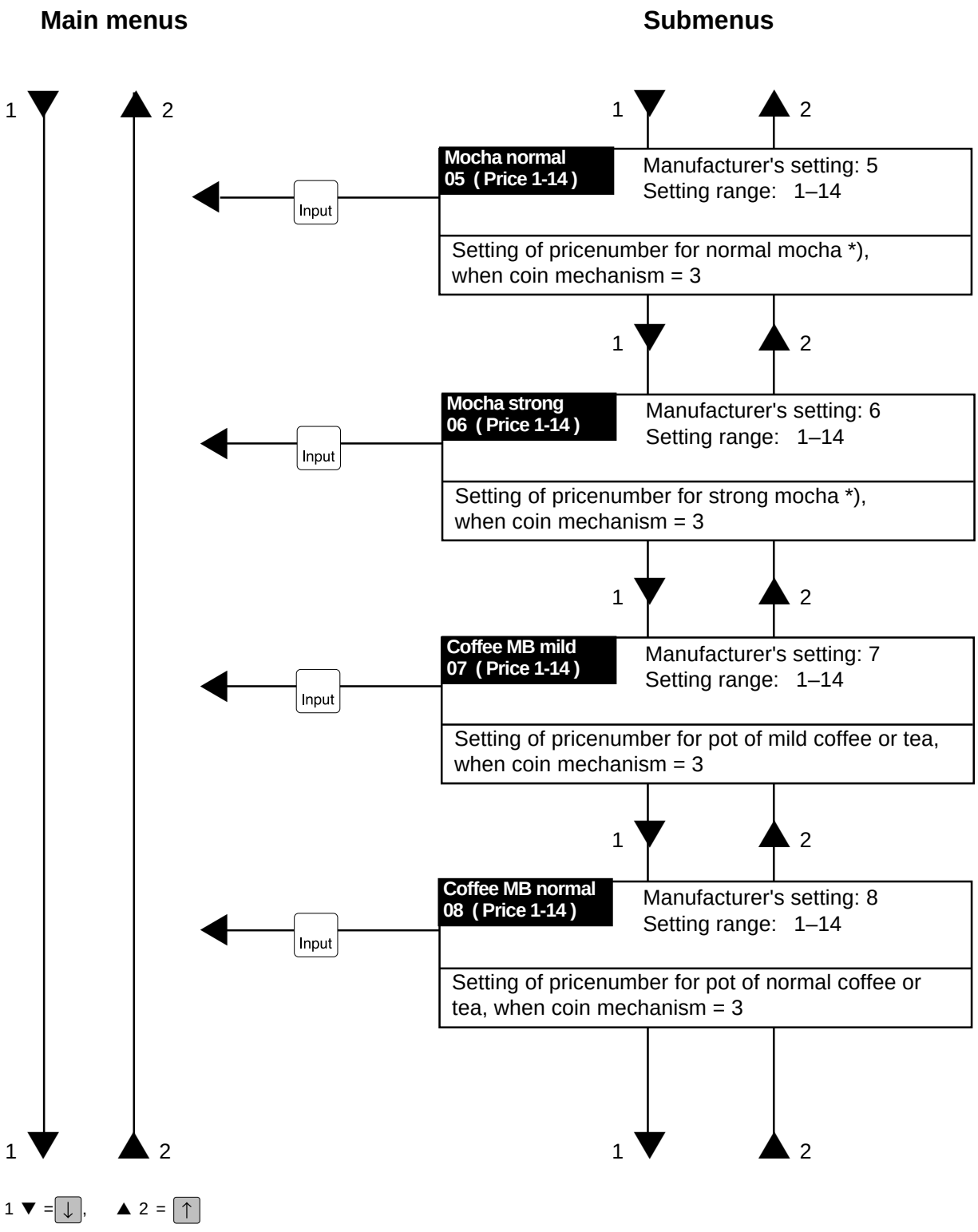


1 ▼ = ↓, ▲ 2 = ↑

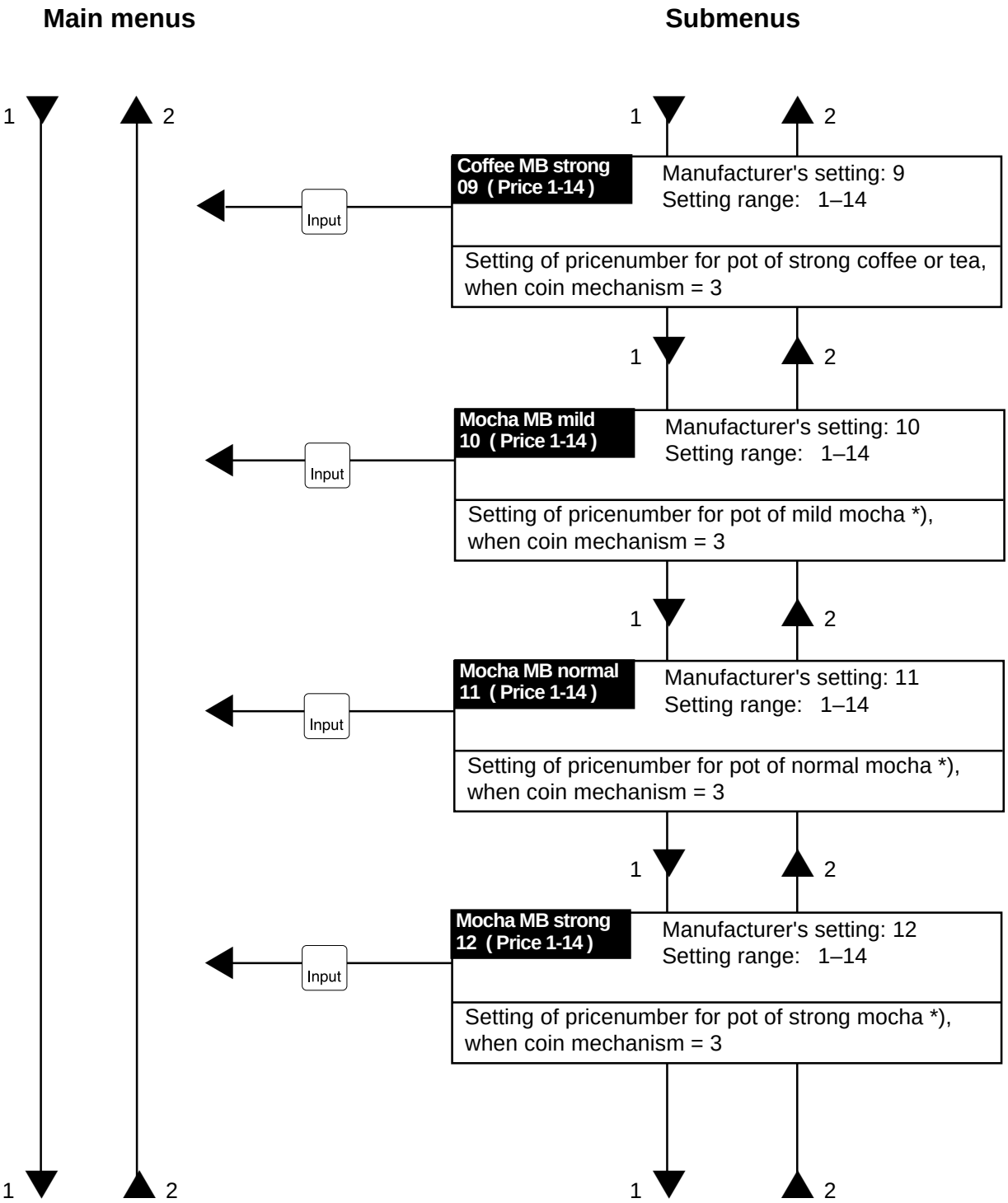
*) Not possible with dispensers for tea delivery.



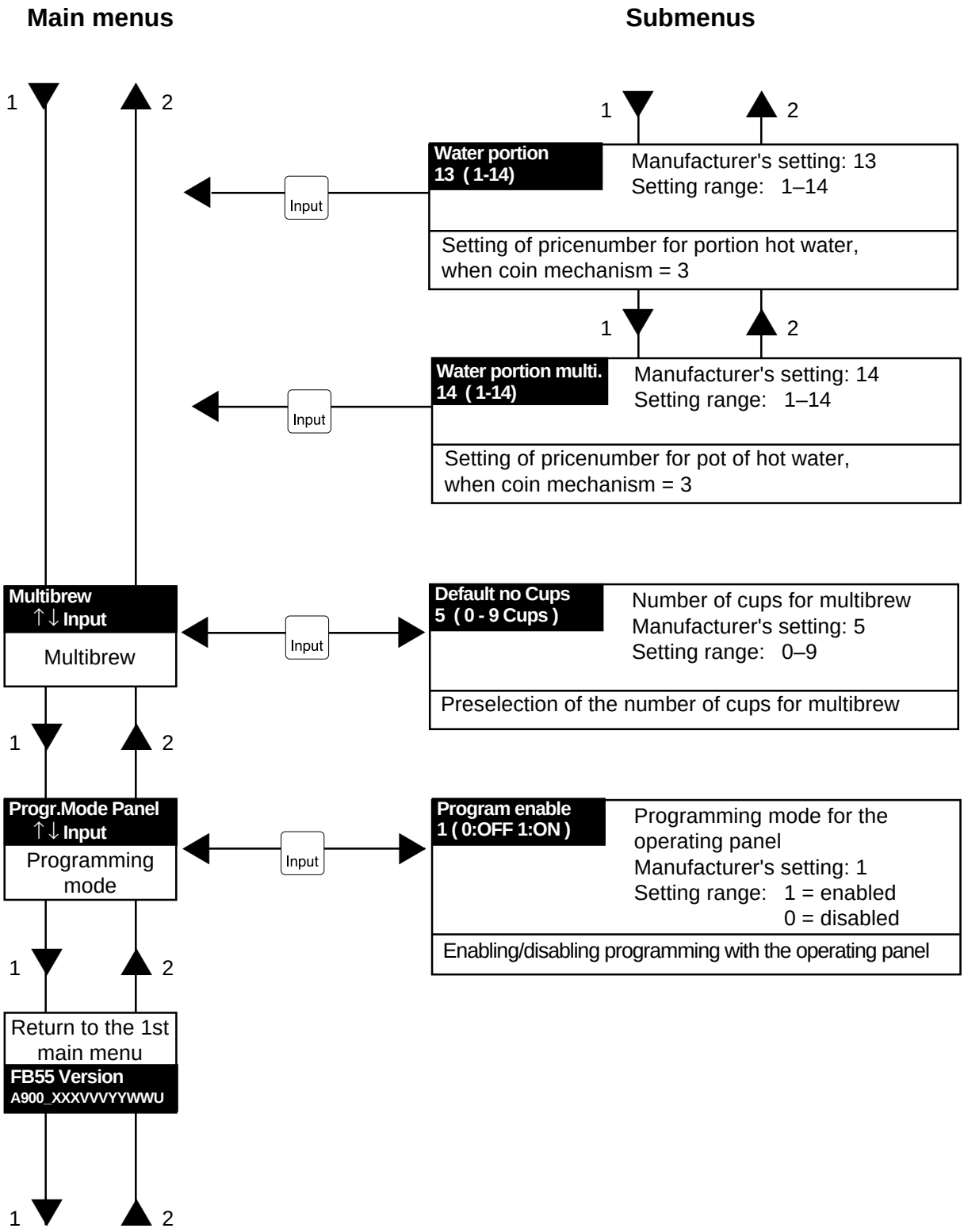
*) Not possible with dispensers for tea delivery.



*) Not possible with dispensers for tea delivery.



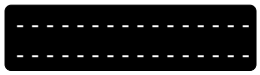
*) Not possible with dispensers for tea delivery.



1 ▼ = ↓, ▲ 2 = ↑

*) Not possible with dispensers for tea delivery.

4.2.5 Function of the buttons of the service device



Two-line display with 16 digits each
1st line: display of the main menu / submenu
2nd line: display of the set value

Paging forwards through the list of main menus or submenus and saving

Paging backwards through the list of main menus or submenus and saving

Changing between main menu and submenu and saving

Erasing a set value

2x

Resetting to the manufacturer's setting

Display of date and time

without function

4.2.6 Access to the programming mode with the service device

Access to the programming mode is obtained as follows:

- Switch the dispenser off at the main switch.
- Remove the cover on the socket.
- Connect the service device with the cable to the electronic control (**1**) (fig. 1)
- Switch the service device on.
- Switch the dispenser on at the main switch.

Every change done in the programming mode is saved automatically. There is no special saving procedure.

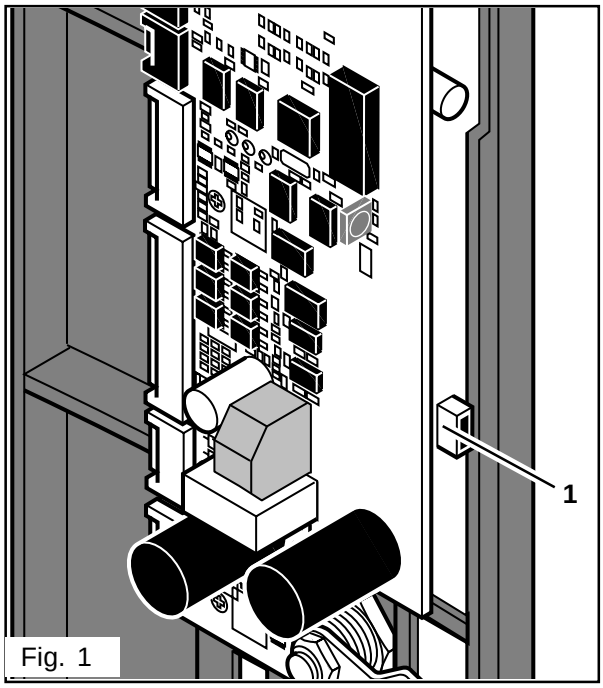


Fig. 1

4.2.7 Quitting the programming mode with the service device

Quitting the programming mode:

- Switch the dispenser off at the main switch.
- Disconnect the service device from the dispenser.
- Switch the dispenser on at the main switch and close the left door. The dispenser is ready for operation after the normal switching on cycle.

4.2.8 Selecting and displaying values

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*

- The software version is displayed.

FB55 Version:
A900_XXXVVVYYWWU

You have now the option to display the value of all menus that are listed in the *chapter «Program structure».*

1. Selecting the main menu

↓ or ↑

- Use the "arrow" buttons to select the main menu. The corresponding designation is displayed.
  Paging forwards: "Down" button
  Paging backwards: "Up" button

↓ 5x

Example: To select the menu «Settings for mocha delivery» press the "Down" button 5 times.

Mocha Settings
↑↓ Input *)

2. Selecting the submenu

Input

- After selection of the main menu use the "Input" button to change to the list of submenus.

- The menu «Mild mocha» is displayed. It is the first submenu in the group «Settings for mocha delivery».

Mocha: mild
6g (0.5-20.0g) *)

↓ or ↑

- Use the "arrow" buttons to select the required submenu
  Paging forwards: "Down" button
  Paging backwards: "Up" button

↓ 2x

Example: To select the submenu «Strong mocha» press the "Input" button twice. The menu «Strong mocha» is displayed

Mocha : strong
8g (0.5-20.0g) *)

- With the "Input" button you can return to the main menus.

Input

*) Not with dispensers for tea delivery

4.2.8 Selecting and displaying values

CAUTION: Only actuate the buttons mentioned here. Otherwise you could accidently change values.

If you have changed a value accidently you can restore the manufacturer's setting *(see chap. «Resetting the manufacturer's settings»)*.

- You can quit the programming mode as described in *chap. «Quitting the programnming mode with the service device»*. This is possible during every step in the menus.

4.2.9 Changing values and checking the setting

Button		Display
	- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
	- Select a menu *(see chap. «Selecting and displaying values»)*.	
	- The designation of the selected menu and the set value are displayed.	
	Changing the setting	
CLR	- Press the "Clear" button. The value is erased.	
	- Enter a new value via the numerical keyboard.	
	Checking the setting:	
↓	- Press the "Down" button, the next menu is displayed.	
↑	- Press the "Up" button, the menu which was set by you is displayed. Check the value.	
	- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu (*see chap. «Selecting and displaying values»)*.	

4.2.10 Resetting to the manufacturer's settings

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
		- Select the submenu that shall be reset to the manufacturer setting *(see chap. «Selecting and displaying values»)*. The designation and the set value for this menu are displayed.	
CLR	2x	- Press the "Clear" button twice. The selected submenu is reset to the manufacturer's setting.	
		- Check the setting *(see chap.«Changing values and checking the setting»)*.	
		- Switch the dispenser off with the main switch to quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu (*see chap. «Selecting and displaying values»)*.	

4.2.11 Display of the total number of delivered beverage portions

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
		- The number of berverage portions delivered in total is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.12 Display of the paid delivered portions of coffee or tea

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

1x

- Press the "Down" button once.

Counter readings
↑↓ Input

- Press the "Input" button to access the submenus.

Total machine
NR=########

- Press the "Down" button twice.

1x

Coffee
PAID NR =########

- The number of paid delivered portions of coffee or tea is indicated. It is not possible to reset or adjust the display.

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
or
Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.13 Display of the free delivered portions of coffee or tea

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	Counter readings ↑↓ Input
Input		- Press the "Input" button to access the submenus.	Total machine NR=########
↓	2x	- Press the "Down" button 2 times.	Coffee FREE NR =########
		- The number of free delivered portions of coffee or tea is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.14 Display of the paid delivered portions of mocha *)

Button

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

Display

1x

- Press the "Down" button once.

- Press the "Input" button to access the submenus.

3x

- Press the "Down" button 3 times.

- The number of paid delivered portions of mocha is indicated. It is not possible to reset or adjust the display.

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

4.2.15 Display of the free delivered portions of mocha *)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	
Input		- Press the "Input" button to access the submenus.	**Counter readings ↑↓ Input**
↓	4x	- Press the "Down" button 4 times.	**Total machine NR=########**
		- The number of free delivered portions of mocha is indicated. It is not possible to reset or adjust the display.	**Mocha FREE NR =#######**
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not with dispensers for tea delivery

4.2.16 Display of the paid delivered portions of hot water

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	5x	- Press the "Down" button 5 times.	**Hot water PAID NR =#######**
		- The number of paid portions of hot water is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.17 Display of the free delivered portions of hot water

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	Counter readings ↑↓ Input
Input		- Press the "Input" button to access the submenus.	Total machine NR=#########
↓	6x	- Press the "Down" button 6 times.	Hot water FREE NR =########
		- The number of free delivered portions of hot water is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.18 Display of the paid delivered portions of coffee or tea in pots

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	**Display**
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	7x	- Press the "Down" button 7 times.	**Coffee multibrew PAID NR =#######**
		- The number of paid delivered portions of coffee or tea in pots is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.19 Display of the free delivered portions of coffee or tea in pots

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	Counter readings ↑↓ Input
Input		- Press the "Input" button to access the submenus.	Total machine NR=########
↓	8x	- Press the "Down" button 8 times.	Coffee multibrew FREE NR =########
		- The number of free delivered portions of coffee or tea in pots is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.20 Display of the paid delivered portions of mocha in pots *)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	9x	- Press the "Down" button 9 times.	**Mocha multibrew PAID NR =#######**
		- The number of paid delivered portions of mocha in pots is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not with dispensers for tea delivery

4.2.21 Display of free delivered portions of mocha in pots *)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	10x	- Press the "Down" button 10 times.	**Mocha multibrew FREE NR =#######**
		- The number of free delivered portions of mocha in pots is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not with dispensers for tea delivery

4.2.22 Display of paid delivered portions of hot water in pots

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	Counter readings ↑↓ Input
Input		- Press the "Input" button to access the submenus.	Total machine NR=########
↓	11x	- Press the "Down" button 11 times.	Hot water multibrew PAID NR =########
		- The number of paid delivered portions of hot water in pots is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.23 Display of free delivered portions of hot water in pots

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	Counter readings ↑↓ Input
Input		- Press the "Input" button to access the submenus.	Total machine NR=#########
↓	12x	- Press the "Down" button 12 times.	Hot water multibrew FREE NR =########
		- The number of free delivered portions of hot water in pots is indicated. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.24 Display of the product quantity delivered in total

Button		**Display**
	- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓ 1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input	- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓ 13x (or 12x ↑)	- Press the "Down" button 13 times.	**Total machine Powder=######kg**
	- The total product quantity in kg is indicated that has been delivered with the dispenser. It is not possible to reset or adjust the display.	
	- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.25 Display of the portion quantities delivered in total

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	14x (or 11x ↑)	- Press the "Down" button 14 times.	**Total machine RTD =#######**
		- The total number of beverage portions that have been delivered with this dispenser is indicated in l. The delivered portions of hot water are included in this display. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.26 Display of the product quantity for coffee or tea delivered in total

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	15x (or 10x ↑)	- Press the "Down" button 15 times.	**Coffee Powder =######kg**
		- The total product quantity for coffee or tea that has been delivered with this dispenser is indicated in kg. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.27 Display of the portions of coffee or tea delivered in total

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	Counter readings ↑↓ Input
Input		- Press the "Input" button to access the submenus.	Total machine NR=########
↓	16x (or 9x ↑)	- Press the "Down" button 16 times.	Coffee RTD =###### l
		- The total of coffee or tea portions (in l) that has been delivered with this dispenser is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.28 Display of the product quantity of mocha delivered in total *)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	17x (or 8x ↑)	- Press the "Down" button 17 times.	**Mocha Powder =######kg**
		- The total of the mocha product quantity (in kg) that has been delivered with this dispenser is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not possible with dispensers for tea delivery.

4.2.29 Display of the mocha portions delivered in total *)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	18x (or 7x ↑)	- Press the "Down" button 18 times.	**Mocha RTD =###### l**
		- The total of mocha portions (in l) that has been delivered with this dispenser is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not possible with dispensers for tea delivery.

4.2.30 Display of the total number of hot water portions delivered

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 1x

- Press the "Down" button once.

Counter readings
↑↓ Input

Input

- Press the "Input" button to access the submenus.

Total machine
NR=########

↓ 19x (or 6x ↑)

- Press the "Down" button 19 times.

Hot water
=###### l

- The total of hot water portions (in l) that has been delivered with this dispenser is shown. It is not possible to reset or adjust the display.

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
or
Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.31 Display of the total of the delivered coffee or tea product quantity in multibrew mode

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	20x (or 5x ↑)	- Press the "Down" button 20 times.	**Coffee multibrew Powder =###### kg**
		- The total of the coffee or tea product quantity (in kg) that has been delivered with this dispenser in multibrew mode is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.32 Display of the total of the delivered coffee or tea portions (multibrew mode)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	21x (or 4x ↑)	- Press the "Down" button 21 times.	**Coffee multibrew RTD=###### l**
		- The total of the delivered coffee or tea portions (in l) that has been delivered with this dispenser in multibrew mode is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.33 Display of the total of the delivered mocha product quantity in multibrew mode *)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	22x (or 3x ↑)	- Press the "Down" button 22 times.	**Mocha multibrew powder =######kg**
		- The total of the mocha product quantity (in kg) that has been delivered with this dispenser in multibrew mode is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not possible with dispensers for tea delivery.

4.2.34 Display of the total of the delivered mocha portions (multibrew mode) *)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	23x (or 2x ↑)	- Press the "Down" button 23 times.	**Mocha multibrew RTD =###### l**
		- The total of the delivered mocha portions (in l) that has been delivered with this dispenser in multibrew mode is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not possible with dispensers for tea delivery.

4.2.35 Display of the total of the delivered hot water portions (multibrew mode)

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	1x	- Press the "Down" button once.	**Counter readings ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Total machine NR=########**
↓	24x (od 1x ↑)	- Press the "Down" button 24 times.	**Hot water multi. =###### l**
		- The total of the delivered hot water portions (in l) that has been delivered with this dispenser in multibrew mode is shown. It is not possible to reset or adjust the display.	
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.36 Changing the dispenser over from coffee to tea

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

2x

- Press the "Down" button twice.

Machine settings
↑↓ Input

- Press the "Input" button to access the submenus.

Machine Version = 00

- In this menu the device can be changed over from delivering coffee to delivering tea and vice versa.
  Setting range: 00 for coffee
  01 for tea
  Manufacturer's setting: 00

- To change the setting:
  Actuate the "Clear" button to erase the setting then enter the new value.

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.37 Calibration of the brewer valve

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.
- Remove the product container.
- Pull the supply hose of the brewer valve off the brewer and position it into a suitable container.

The set values in these menus must not be changed. If an adjustment is necessary it is done directly on the valve. (see chap. 6)

WARNING: The delivered water can be hot. Risk of being scalded.

↓ 3x

- Press the "Down" button 3 times.

Valve Calibrat.
↑↓ Input

Input

- Press the "Input" button to access the submenus.

Brewer Valve
028 ml/sec.

↓ 1x

- Press the "Down" button once.

Cal. BrewValve to
140 ml : Press 0

Safety switch

0

- Press the safety switch and keep it pressed. Simultaneously press the «0» button. The dispenser delivers water for a pre-determined time.
- Measure the water quantity in ml.
- The dispenser is adjusted in such a way that now 140 ml must be delivered. If the delivery is not 140 ml the adjustment of the brewer valve must be changed (see chap. 6). Repeat the procedure with the service device after the readjustement of the brewer valve.
- Calibration of the brewer valve is now completed. Fasten the supply hose of the brewer valve to the brewer.

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.38 Calibration of the hot water valve

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

- Position a suitable container underneath the outlet.

The set values in these menus must not be changed. If an adjustment is necessary it is done directly on the valve.

WARNING: The delivered water can be hot. Risk of being scalded.

↓ 3x

- Press the "Down" button 3 times.

Valve Calibrat.
↑↓ Input

Input

- Press the "Input" button to access the submenus.

Brew er Valve
028 ml/sec

↓ 2x

- Press the "Down" button twice.

Water Valve
028 ml/sec

↓

- Press the "Down" button again.

Cal. WaterValv. to
140 ml : Press 0

Safety switch

0

- Press the safety switch and keep it pressed. Simultaneously press the «0» button. The dispenser delivers water for a pre-determined time.

- Measure the water quantity in ml.

- The dispenser is adjusted in such a way that now 140 ml must be delivered. If the delivery is not 140 ml the adjustment of the hot water valve must be changed (see chap. 6). Repeat the procedure with the service device after the readjustment of the hot water valve.

- Press the "Clear" button to erase the set value. Enter the measured value in ml via the keyboard of the service device.

- Calibration of the hot water valve is now completed.

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»*).

4.2.39 Calibration of the product quantity

Button			**Display**
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
		- Remove the brewing cylinder and position a container underneath the dosing system.	
↓	4x	- Press the "Down" button 4 times.	**Powder Calibrat. ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Calibr. START:0 ##.#g Del. Quant.**
Safety switch	0	- Press the safety switch and keep it pressed. Simultaneously press the «0» button. The dispenser delivers product for a pre-determined time.	
		- Measure the water quantity in g.	
CLR		- Press the "Clear" button to erase the set value. Enter the measured value in ml via the keyboard of the service device.	**Calibr. START:0 xx.xg Del. Quant.**
		- Calibration of the product quantity is now completed.	
		Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.	
		Checking the adjustment:	
Input		- Press the "Input" button. The main menu is displayed.	**Powder Calibrat. ↑↓ Input**
Input		- Press the "Input" button again. The display changes back to submenu that has been adjusted. Check the adjustment.	**Calibr. START:0 xx.xg Del. Quant.**
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.40 Setting the beverage strength for mild mocha via the product quantity with test delivery *)

Button		Display
	- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓ 5x	- Press the "Down" button 5 times.	**Mocha Settings ↑↓ Input**
Input	- Press the "Input" button to access the submenus.	**Mocha: mild 06.0g (0.5-20.0g)**
CLR	- Press the "Clear" button to erase the set value.	
	- Enter the product quantity for mild mocha in g via the keyboard of the service device. Setting range: 0.5–20.0 g Manufacturer's setting: 6 g	
↓ 5x (or 3x ↑)	- Press the "down" button 5 times.	**Testdeliv. mild Start: 0**
Safety switch	- Press the safety switch and keep it pressed. Position a suitable container underneath the outlet. Press the «0» button, a test delivery of mild mocha is carried out. Check the beverage.	
0		
↑ 5x (or 3x ↓)	- The beverage is not satisfactory: press the "Up" button 5 times and enter a new product quantity for mild mocha. Carry out another test delivery.	
	- The beverage is satisfactory: check the setting.	
	Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.	
	Checking the adjustment:	
↑ 5x (or 3x ↓)	- Press the "Up" button 5 times. The display changes back to the value that has just been set. Check the adjustment	**Mocha: mild 06.0g (0.5-20.0g)**
	- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not with dispensers for tea delivery

4.2.41 Setting the beverage strength for normal mocha via the product quantity with test delivery *)

Button		Display
	- Activate the programming mode *(see chap. «Access to the programming mode with the service device»).*	
↓ 5x	- Press the "Down" button 5 times.	**Mocha Settings ↑↓ Input**
Input	- Press the "Input" button to access the submenus.	**Mocha: mild 06.0g (0.5-20.0g)**
↓ 1x	- Press the "Down" button once.	**Mocha : normal 07.0g (0.5-20.0g)**
CLR	- Press the "Clear" button to erase the set value.	
	- Enter the product quantity for normal mocha in g via the keyboard of the service device. Setting range: 0.5–20.0 g Manufacturer's setting: 7 g	
↓ 5x (or 3x ↑)	- Press the "down" button 5 times.	**Testdeliv. normal Start: 0**
Safety switch	- Press the safety switch and keep it pressed. Position a suitable container underneath the outlet. Press the «0» button, a test delivery of normal mocha is carried out. Check the beverage.	
0		
↑ 5x (or 3x ↓)	- The beverage is not satisfactory: press the "Up" button 5 times and enter a new product quantity for normal mocha. Carry out another test delivery.	
	- The beverage is satisfactory: check the setting.	
	Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.	
	Checking the adjustment:	
↑ 5x (or 3x ↓)	- Press the "Up" button 5 times. The display changes back to the value that has just been set. Check the adjustment	**Mocha : normal 07.0g (0.5-20.0g)**
	- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»).*	

*) Not with dispensers for tea delivery

4.2.42 Setting the beverage strength for strong mocha via the product quantity with test delivery *)

Button		**Display**
	- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓ 5x	- Press the "Down" button 5 times.	**Mocha Settings ↑↓ Input**
Input	- Press the "Input" button to access the submenus.	**Mocha: mild 06.0g (0.5-20.0g)**
↓ 2x	- Press the "Down" button twice.	**Mocha : strong 08.0g (0.5-20.0g)**
CLR	- Press the "Clear" button to erase the set value.	
	- Enter the product quantity for strong mocha in g via the keyboard of the service device. Setting range: 0.5–20.0 g Manufacturer's setting: 8 g	
↓ 5x (or 3x ↑)	- Press the "down" button 5 times.	
Safety switch	- Press the safety switch and keep it pressed. Position a suitable container underneath the outlet. Press the «0» button, a test delivery of strong mocha is carried out. Check the beverage.	**Testdeliv. strong Start: 0**
0		
↑ 5x (or 3x ↓)	- The beverage is not satisfactory: press the "Up" button 5 times and enter a new product quantity for strong mocha. Carry out another test delivery.	
	- The beverage is satisfactory: check the setting.	
	Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.	
↑ 5x (or 3x ↓)	Checking the adjustment: - Press the "Up" button 5 times. The display changes back to the value that has just been set. Check the adjustment	**Mocha : strong 08.0g (0.5-20.0g)**
	- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not with dispensers for tea delivery

4.2.43 Setting the portion size for mocha *)

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓	5x	- Press the "Down" button 5 times.	**Mocha Settings ↑↓Input**
Input		- Press the "Input" button to access the submenus.	**Mocha : mild 06.0g (0.5-20.0g)**
↓	3x	- Press the "Down" button 3 times.	**Mocha water 090ml (50-240ml)**
CLR		- Press the "Clear" button to erase the set value.	
		- Enter the portion size in ml via the keyboard of the service device. Setting range: 50–240 ml Manufacturer's setting: 90 ml	
		Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.	
		The portion size influences the beverage strength. If necessary carry out a test delivery for the 3 types of mocha. If necessary change the beverage strength via the product quantity (see there).	
		Checking the adjustment:	
↑		- Press the "Up" button. The display changes to the previous menu.	**Mocha : strong 08.0g (0.5-20.0g)**
↓		- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment	**Mocha water 090ml (50-240ml)**
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

*) Not with dispensers for tea delivery

4.2.44 Setting the brewing time for mocha *)

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 5x
- Press the "Down" button 5 times.

Mocha Settings ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Mocha : mild 06.0 g (0.5-20.0g)

↓ 4x
- Press the "Down" button 4 times.

Mocha Top Stop 2.7s (0-9.9s)

CLR
- Press the "Clear" button to erase the set value.
- Enter the brewing time in sec. via the keyboard of the service device.
  Setting range: 0–9.9 sec.
  Manufacturer's setting: 2.7 sec.

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Mocha water 090ml (50-240ml)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Mocha Top Stop 2.7s (0-9.9s)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

4.2.45 Settings for coffee or tea

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

6x

- Press the "Down" button 6 times.

Coffee Settings
↑↓ Input

- Press the "Input" button to access the submenus.

Coffee : mild
06.0g (0.5-20.0g)

- The settings for

  - the beverage strength for mild, normal and strong coffee,
  - the portion size for coffee or tea,
  - the brewing time for coffee or tea,
  - the test deliveries for the three types of coffee or tea,
  - the check of the setting

  is done in the same way as the corresponding settings for mocha (see there). The manufacturer's settings and setting ranges are given in the *chap. «Program structure»*.

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

4.2.46 Delivery mode for hot water

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 7x
- Press the "Down" button 7 times.

Hot Water Sett.
↑↓ Input

Input
- Press the "Input" button to access the submenus.

Hot Water Mode
0 (0:cont 1:port)

CLR
- Press the "Clear" button to erase the set value.

- Enter the delivery mode via the keyboard of the service device.
  Setting range: 0 (continuous), 1 (portioned)
  Manufacturer's setting: 0

WARNING: **There is an increased risk of being scalded when the delivery is set to 1 portion. When the hot water button has been actuated hot water is delivered until the set quantity has been reached.**

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↓
- Press the "Down" button. The display changes to the next submenu.

Hot Water Quant.
130ml (50-250ml)

↑
- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Hot Water Mode
0 (0:cont 1:port)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.47 Portion size for hot water with test delivery

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 7x
- Press the "Down" button 7 times.

Hot Water Sett.
↑↓ Input

Input
- Press the "Input" button to access the submenus.

Hot Water Mode
0 (0:cont 1:port)

↓ 1x
- Press the "Down" button once.

Hot Water Quant.
130ml (50-250ml)

CLR
- Press the "Clear" button to erase the set value.

- Enter the portion size for hot water in ml via the keyboard of the service device.
  Setting range: 50–250 ml
  Manufacturer's setting: 130 ml

The delivery mode for hot water must be set to "portioned".

↓ 1x
- Press the "Down" button once.

Safety switch
0
- Press the safety switch and keep it pressed. Position a suitable container underneath the outlet. Press the «0» button, a test delivery of hot water is carried out. Check the water quantity.

Test delivery
Start: 0

↑ 1x
- The water quantity is not correct: press the "Up" button once and correct the setting. Carry out another test delivery.

- The water quantity is correct: check the setting.

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Hot Water Quant.
130ml (50-250ml)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.48 Setting the water quantity for the rinsing process

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 8x
- Press the "Down" button 8 times.

Rinse Settings
↑↓ Input

Input
- Press the "Input" button to access the submenus.

Rinse Water Qnt.
130ml (50-240ml)

CLR
- Press the "Clear" button to erase the set value.

- Enter the water quantity for the rinsing process in ml via the keyboard of the service device.
  Setting range: 50–240 ml
  Manufacturer's setting: 130 ml

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↓
- Press the "Down" button. The display changes to the next submenu.

Rinse Mode
1(Mode 1 or 2)

↑
- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Rinse Water Qnt.
130ml (50-240ml)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.49 Setting the mode for the rinsing process

Button - Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*. **Display**

↓ 8x - Press the "Down" button 8 times. **Rinse Settings ↑↓ Input**

Input - Press the "Input" button to access the submenus. **Rinse Water Qnt. 130ml (50-240ml)**

↓ 1x - Press "Down" button once. **Rinse Mode 1(Mode 1 or 2)**

CLR - Press the "Clear" button to erase the set value.

- Enter the mode for the rinsing porocess via the keyboard of the service device.
  Setting range: 1 = step by step rinsing process
  2 = rinsing process without stop
  Manufacturer's setting: 1

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous submenu. **Rinse Water Qnt. 130ml (50-240ml)**

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment **Rinse Mode 1(Mode 1 or 2)**

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.50 Setting the boiler temperature

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 9x (or 5x ↑)

- Press the "Down" button 9 times.

Display: **Boiler ↑↓ Input**

Input

- Press the "Input" button to access the submenus.

Display: **Boiler temp. 96°C (75°C-97°C)**

CLR

- Press the "Clear" button to erase the set value.

- Enter required value in degree C via the keyboard of the service device.
  Setting range: 75 °C–97 °C
  Manufacturer's setting: 96 °C

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↓

- Press the "Down" button. The display changes to the next submenu.

Display: **Boilertemp lock 0 (0:OFF 1:ON)**

↑

- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Display: **Boiler temp. 96°C (75°C-97°C)**

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.51 Enabling /disabling delivery at low temperature

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 9x (or 5x ↑) - Press the "Down" button 9 times.

Boiler ↑↓ Input

Input - Press the "Input" button to access the submenus.

Boiler temp. 96°C (75°C-97°C)

↓ 1x - Press "Down" button once.

Boilertemp lock 0 (0:OFF 1:ON)

CLR - Press the "Clear" button to erase the set value.

- Enable or disable delivery at low temperature via the keyboard of the service device.
  Setting range: 1 = delivery disabled
  0 = delivery enabled
  Manufacturer's setting: 0

CAUTION: **If delivery at low temperature is enabled it is possible to deliver cold beverages. In this case observe local regulations.**

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↓ - Press the "Down" button. The display changes to the next submenu.

Max.F.time/START 120s (100-400s)

↑ - Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Boilertemp. lock 0 (0:OFF 1:ON)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.52 Setting the max. filling time of the boiler at start up

Button			Display
		- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	**Display**
↓	9x (or 5x ↑)	- Press the "Down" button 9 times.	**Boiler ↑↓ Input**
Input		- Press the "Input" button to access the submenus.	**Boiler temp. 96°C (75°C-97°C)**
↓	2x	- Press the "Down" button twice.	**Max.F.time/START 120s (100-400s)**
CLR		- Press the "Clear" button to erase the set value.	
		- Enter the max. filling time for the boiler at start up in sec. via the keyboard of the service device. Setting range: 100–400 sec. Manufacturer's setting: 120 sec.	
		Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.	
		Checking the adjustment:	
↓		- Press the "Down" button. The display changes to the next menu.	**Max.F.time/NORM 60s (30-60s)**
↑		- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment	**Max.F.time/START 120s (100-400s)**
		- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.53 Setting the max. filling time of the boiler during operation

Button		**Display**
	- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.	
↓ 9x (or 5x ↑)	- Press the "Down" button 9 times.	**Boiler ↑↓ In..put**
Input	- Press the "Input" button to access the submenus.	**Boiler temp. 96°C (75°.C-97°C)**
↓ 3x (or 2x ↑)	- Press the "Down" button 3 times	**Max.F.time/NORM. 60s (30-60s)**
CLR	- Press the "Clear" button to erase the set value.	
	- Enter the max. filling time for the boiler during operation in sec. via the keyboard of the service device. Setting range: 30–60 sec. Manufacturer's setting: 45 sec.	
	Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.	
	Checking the adjustment:	
↓	- Press the "Down" button. The display changes to the next menu.	**Min. Evapor. tim.e 10 min (5-90min)**
↑	- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment	**Max.F.time/NORM. 60s (30-60s)**
	- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)* or Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.	

4.2.54 Setting the leak control

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 9x (or 5x ↑)

- Press the "Down" button 9 times.

Boiler ↑↓ Input

Input

- Press the "Input" button to access the submenus.

Boiler temp. 96°C (75°C-97°C)

↓ 4x (or 1x ↑)

- Press the "Down" button 4 times.

Min. Evapor. time 10 min (5-90min)

CLR

- Press the "Clear" button to erase the set value.

- Enter the leak check for the boiler in min. via the keyboard of the service device.
  Setting range: 10–90 min.
  Manufacturer's setting: 50 min.

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑

- Press the "Up" button. The display changes to the previous menu.

Max.F.time/NORM. 60s (30-60s)

↓

- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Min. Evapor. time 10 min (5-90min)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.55 Activation / deactivation of the sensor for cup / pot delivery

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 10x (or 4x ↑)

- Press the "Down" button 10 times.

Cup Sensor
↑↓ Input

Input

- Press the "Input" button to access the submenus.

Cupsensor activ?
1 (0:OFF 1:ON)

CLR

- Press the "Clear" button to erase the set value.

- Activate or deactivate the sensor for cup / pot delivery via the keyboard of the service device.
  Setting range: 1 = sensor activated
  0 = sensor deactivated
  Manufacturer's setting: 1

WARNING: **If the sensor is disabled beverages and hot water are delivered even when there is no vessel in the delivery area. There is an increased risk of being scalded.**

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↓

- Press the "Down" button. The display changes to the next menu.

Cupsns/Pot Brew?
1 (0:OFF 1:ON)

↑

- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Cupsensor activ?
1 (0:OFF 1:ON)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.56 Activation / deactivation of the sensor for pot delivery

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»).*

↓ 10x (or 4x ↑) - Press the "Down" button 10 times.

Cup Sensor ↑↓ Input

Input - Press the "Input" button to access the submenus.

Cupsensor activ? 1 (0:OFF 1:ON)

↓ 1x - Press the "Down" button once.

Cupsns/Pot Brew? 1 (0:OFF 1:ON)

CLR - Press the "Clear" button to erase the set value.

- Activate or deactivate the sensor forpot delivery via the keyboard of the service device.
  Setting range: 1 = sensor activated
  0 = sensor deactivated
  Manufacturer's setting: 1

WARNING: **If the sensor is disabled beverages and hot water are delivered even when there is no vessel in the delivery area.**
Do not swing the cup carrier into the dispenser and actuate a delivery button when there is no vessel in the delivery area.
There is an increased risk of being scalded.

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous menu.

Cupsensor activ? 1 (0:OFF 1:ON)

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Cupsns/Pot Brew? 1 (0:OFF 1:ON)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»).*

4.2.57 Selection of the payment system

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times.

Payment
↑↓ Input

Input - Press the "Input" button to access the submenus.

Coin Mechanism
0 (0 - 3)

CLR - Press the "Clear" button to erase the set value.

- Select the payment system via the keyboard of the service device.
  Setting range: 0 = none
  1 = Mars
  2 = NRI G13
  3 = Executive
  Manufacturer's setting: 0

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↓ - Press the "Down" button. The display changes to the next menu.

Price Coffee
2 (Price 1 or 2)

↑ - Press the "Up" button again. The display changes back to the value that has just been set. Check the adjustment

Coin Mechanism
0 (0 - 3)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.58 Price setting for coffee or tea

Button

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 1 or 2

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times.

Payment
↑↓ Input

Input - Press the "Input" button to access the submenus.

Coin Mechanism
0 (0 - 3)

↓ 1x - Press the "Down" button once.

Price Coffee
2 (Price 1 or 2)

CLR - Press the "Clear" button to erase the set value.

- Select the price for coffee via the keyboard of the service device.
  Setting range: 1, 2
  Manufacturer's setting: 2

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↓ - Press the "Down" button. The display changes to the next menu.

Price Mocha
2 (Price 1 or 2)

↑ - Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Price Coffee
2 (Price 1 or 2)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.59 Price setting for mocha *)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 1 or 2

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

11x (or 3x)

- Press the "Down" button 11 times.

Payment
↑↓ Input

- Press the "Input" button to access the submenus.

Coin Mechanism
0 (0 - 3)

2x

- Press the "Down" button twice.

Price Mocha
2 (Price 1 or 2)

- Press the "Clear" button to erase the set value.

- Select the price for mocha via the keyboard of the service device.
  Setting range: 1, 2
  Manufacturer's setting: 2

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

- Press the "Down" button. The display changes to the next menu.

Price Water
1 (Price 1 or 2)

- Press the "Up" button. The display changes back to the value that has just been set. Check the adjustment

Price Mocha
2 (Price 1 or 2)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

4.2.60 Price setting for hot water

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 1 or 2

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 3x
- Press the "Down" button 3 times.

Price Water 1 (Price 1 or 2)

CLR
- Press the "Clear" button to erase the set value.

- Select the price for hot water via the keyboard of the service device.
  Setting range: 1, 2
  Manufacturer's setting: 1

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Price Mocha 2 (Price 1 or 2)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Price Water 1 (Price 1 or 2)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.61 Setting the price numbers for a portion of mild coffee or tea

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times.

Payment ↑↓ Input

Input - Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 4x - Press the "Down" button 4 times.

Coffee mild 01 (Price 1–14)

CLR - Press the "Clear" button to erase the set value.

- Select the price number for a portion of mild coffee or tea via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 1

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous menu.

Price Water 1 (Price 1 or 2)

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Coffee mild 01 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.62 Setting the price numbers for a portion of normal coffee or tea

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 5x
- Press the "Down" button 5 times.

Coffee normal 02 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.

- Select the price number for a portion of normal coffee or tea via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 2

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Coffee mild 01 (Price 1–14)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Coffee normal 02 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.63 Setting the price numbers for a portion of strong coffee or tea

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times.

Payment ↑↓ Input

Input - Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 6x - Press the "Down" button 6 times.

Coffee strong 03 (Price 1–14)

CLR - Press the "Clear" button to erase the set value.

- Select the price number for a portion of strong coffee or tea via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 3

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous menu.

Coffee normal 02 (Price 1–14)

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Coffee strong 03 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.64 Setting the price numbers for a portion of mild mocha *)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times. → **Payment ↑↓ Input**

Input - Press the "Input" button to access the submenus. → **Coin Mechanism 0 (0 - 3)**

↓ 7x - Press the "Down" button 7 times. → **Mocha mild 04 (Price 1–14)**

CLR - Press the "Clear" button to erase the set value.

- Select the price number for a portion of mild mocha via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 4

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous menu. → **Coffee strong 03 (Price 1–14)**

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment → **Mocha mild 04 (Price 1–14)**

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.65 Setting the price numbers for a portion of normal mocha *)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 8x
- Press the "Down" button 8 times.

Mocha normal 05 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.
- Select the price number for a portion of normal mocha via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 5

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Mocha mild 04 (Price 1–14)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Mocha normal 05 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.66 Setting the price numbers for a portion of strong mocha *)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 9x (or 9x ↑)
- Press the "Down" button 9 times.

Mocha strong 06 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.

- Select the price number for a portion of strong mocha via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 6

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Mocha normal 05 (Price 1 or 2)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Mocha strong 06 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.67 Setting the price numbers for a pot of mild coffee or tea (multi-brew)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times.

Payment ↑↓Input

Input - Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 10x (or 8x ↑) - Press the "Down" button 10 times.

Coffee MB mild 07 (Price 1–14)

CLR - Press the "Clear" button to erase the set value.

- Select the price number for a pot of mild coffee or tea via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 7

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous menu.

Mocha strong 06 (Price 1–14)

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Coffee MB mild 07 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.68 Setting the price numbers for a pot of normal coffee or tea (multi-brew)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 11x (or 7x ↑)
- Press the "Down" button 11 times.

Coffee MB normal 08 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.

- Select the price number for a pot of normal coffee or tea via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 8

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Coffee MB mild 07 (Price 1 or 2)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Coffee MB nomal 06 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.69 Setting the price numbers for a pot of strong coffee or tea (multi-brew)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times.

Payment ↑↓ Input

Input - Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 12x (or 6x ↑) - Press the "Down" button 12 times.

Coffee MB strong 09 (Price 1–14)

CLR - Press the "Clear" button to erase the set value.

- Select the price number for a pot of strong coffee or tea via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 9

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous menu.

Coffee MB normal 08 (Price 1–14)

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Coffee MB strong 09 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.70 Setting the price numbers for a pot of mild mocha (multi-brew) *)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 13x (or 5x ↑)
- Press the "Down" button 13 times.

Mocha MB mild 10 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.

- Select the price number for a pot of mild mocha via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 10

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Coffee MB strong 09 (Price 1 or 2)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Coffee MB mild 10 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.71 Setting the price numbers for a pot of normal mocha (multi-brew) *)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑) - Press the "Down" button 11 times. **Payment ↑↓Input**

Input - Press the "Input" button to access the submenus. **Coin Mechanism 0 (0 - 3)**

↓ 14x (or 4x ↑) - Press the "Down" button 14 times. **Mocha MB normal 11 (Price 1–14)**

CLR - Press the "Clear" button to erase the set value.

- Select the price number for a pot of normal mocha via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 11

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑ - Press the "Up" button. The display changes to the previous menu. **Mocha MB mild 10 (Price 1–14)**

↓ - Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment **Mocha MB normal 11 (Price 1–14)**

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.72 Setting the price numbers for a pot of strong mocha (multi-brew) *)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 15x (or 3x ↑)
- Press the "Down" button 15 times.

Mocha MB strong 12 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.

- Select the price number for a pot of strong mocha via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 12

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Mocha MB normal 11 (Price 1 or 2)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Mocha MB strong 12 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

*) Not with dispensers for tea delivery

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.73 Setting the price numbers for a portion of hot water

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 16x (or 2x ↑)
- Press the "Down" button 16 times.

Water portion 13 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.

- Select the price number for a portion of hot water via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 13

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Mocha MB strong 12 (Price 1–14)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Water portion 13 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.74 Setting the price numbers for a pot of hot water (multi-brew)

Button **Display**

This setting is only possible when a payment system is connected.

These settings are valid for coin modules of type 3.

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 11x (or 3x ↑)
- Press the "Down" button 11 times.

Payment ↑↓ Input

Input
- Press the "Input" button to access the submenus.

Coin Mechanism 0 (0 - 3)

↓ 17x (or 1x ↑)
- Press the "Down" button 17 times.

Water portion multi 14 (Price 1–14)

CLR
- Press the "Clear" button to erase the set value.

- Select the price number for a pot of hot water via the keyboard of the service device.
  Setting range: 1–14*
  Manufacturer's setting: 14

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

↑
- Press the "Up" button. The display changes to the previous menu.

Water portion 13 (Price 1 or 2)

↓
- Press the "Down" button. The display changes back to the value that has just been set. Check the adjustment

Water portion multi 14 (Price 1–14)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

* When setting the price numbers, the maximum number of prices that can be handled by the payment system must be taken into consideration (see operating instructions of the payment systems).

4.2.75 Setting the starting number for multibrew

Button

Display

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 12x (or 2x ↑)

- Press the "Down" button 12 times.

Display: **Multibrew ↑↓ Input**

Input

- Press the "Input" button to access the submenus.

Display: **Default no Cups 5 (0 - 9 Cups)**

CLR

- Press the "Clear" button to erase the set value.

- Select the starting number for multibrew via the keyboard of the service device.
  Setting range: 0–9
  Manufacturer's setting: 5

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

Input

- Press the "Input" button. The display changes back to the main menu.

Display: **Multibrew ↑↓ Input**

Input

- Press the "Input" button again. The display changes back to the value that has just been set. Check the adjustment

Display: **Default no Cups 5 (0 - 9 Cups)**

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.

4.2.76 Setting the programming for the operating panel

Button **Display**

- Activate the programming mode *(see chap. «Access to the programming mode with the service device»)*.

↓ 13x (or 1x ↑)

- Press the "Down" button 13 times.

Progr.Mode Panel ↑↓ Input

Input

- Press the "Input" button to access the submenus.

Program enable 1 (0:OFF 1:ON)

CLR

- Press the "Clear" button to erase the set value.

- Select the starting number for multibrew via the keyboard of the service device.
  Setting range: 1 = programming enabled
  2 = programming disabled
  Manufacturer's setting: 1

Every change is saved immediately. To reset a value to the manufacturer's setting *see chap. «Resetting to the manufacturer's settings»*.

Checking the adjustment:

Input

- Press the "Input" button. The display changes back to the main menu.

Progr.Mode Panel ↑↓ Input

Input

- Press the "Input" button again. The display changes back to the value that has just been set. Check the adjustment

Program enable 1 (0:OFF 1:ON)

- Quit the programming mode *(see chap. «Quitting the programming mode with the service device»)*
  or
  Select a new menu for adjustment (*see chap. «Selecting and changing values»)*.