

Power Supplies

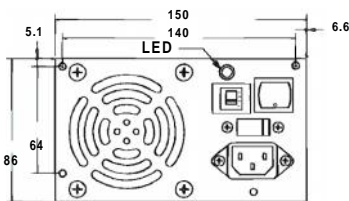
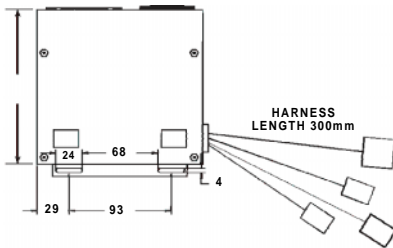
www.leisureherrero.com



Dual Switch & Remote Capable 200 Watt Power Supply

- +5v 20A, +12v 8A, -5v .5A, -12 .5A
- UL, CSA and CE Recognized
- 200 Watt power supply
- Great power supply for video games & video poker applications
- New Innovative Dual On/Off and Remote switch capable design.
- One switch on back and other on front of power supply to allow easy access to turn power On/Off
- Additional 8 Circuit Molex plug with +5vdc and +12vdc outputs for additional accessories
- Dual AC input 115vac/230vac, selectable by switch
- AC plug for hook-up of Bill Validator, 110vac 1.0A
- Metal case - AT size
- Physical Size: 89 H x 149 W x 140 D
- Supplied with 6' long SJT power cord
- 1 year warranty

Overall Dimensions in mm



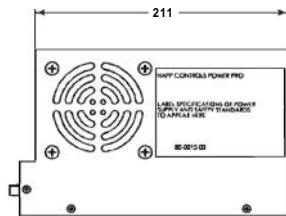
Part no.	Description
H80-0002-10	200 Watt dual switch & remote capable power supply



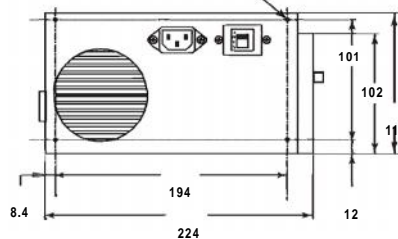
Ultimate Power Supply with on/off Switch - 150 Watt

- +5v 15A, +12v 5.5A, -5v 1A
- UL recognized, CSA
- Over voltage protection on +5v, a Happ exclusive
- Designed specifically for the coin-op industry
- Smoother start-up
- Better heat dissipation: three separate heat sinks
- Low ripple and noise, EMI filter
- Dual AC input 115vac/ 230vac, selectable by switch
- Complete overload and short circuit protection
- Built in DC fan and power switch
- Metal case - XT size
- Requires minimum 1.5 amp load on +5 for proper operation
- Supplied with 15cm long SJT power cord
- 1 year warranty

Overall Dimensions in mm



Tapped 6-32 (4)



Part no.	Description
H80-0015-00	Power pro ultimate power supply with On/Off switch - 150 watt

Replacement Power Supply Board for Bally Slots

- For Bally Pro Series slots V7000 & V7200 & 5000
- Just replace the board and save \$\$
- 63.5 watts, 5.5 amps
- UL, CE, CSA Approved

Part no.	Description
H80-1178-00	Power supply board



SPS 077W WIDE RANGE - RESONANCE TECHNOLOGY

The SPS 077W range features seamless operation across 115V and 230V mains voltages. It is a true wide-range PSU with the latest in PFC technology. In addition the range incorporates Sanken's state-of-the-art resonance technology for higher power efficiency. The SPS 077W range features increased output current on 12V for AWP machines with a larger reel-module count. The peak current on the 24V output has been increased considerably to accommodate new 24V machine components. The SPS 077W incorporates a missing-cycles out-put and also a 5V status signal output which can be monitored to give valuable feed-forward information to the AWP's control unit.

Operating temperature range 0°C to 50°C.
AC output: mains feet-thru facility.

Cooling: Convection at lower output powers. Internal temperature controlled fan at higher output powers.

Size: 260 x 170 x 90mm.

For technical data-sheets specifications and drawings please contact our sales-department.

DC Output Voltage	Nominal Load	Peak Load
5V	3Amp	3Amp
13V	6.5Amp	10Amp
24V	0.25Amp	7Amp
*48V	3.2Amp	6.4Amp
-12V	150mA	150mA

Alternative output versions available:

*36V	4.8Amp	9.6Amp
*44V	3.2Amp	6.4Amp

Additional outputs:

Missing-mains-cycle signal output.
5V status signal output.

Part no.	Description
42M277	PSU



Power Supplies

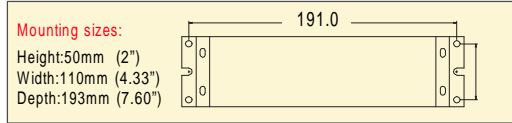
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PRIMA POWER 104 Watt power supply

Features:

- Industry standard.
- AC input 88-132VAC or 176-264VAC (switchable).
- +5V, 3~15 Amp, +12V 4 Amp, -5V 1 Amp.
- CE, TUV and UL approved.
- High efficiency.
- Easy start up.
- Green "power on" LED.
- Overload protected.
- Built in EMI filter.
- Maximum noise minimization by built in high speed diode.
- Weight 0.8kg / 20 pieces in a box.



AC input 110 / 240VAC

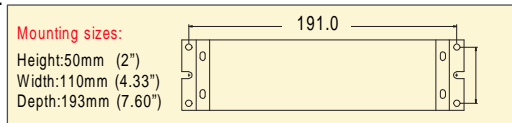
Part no.	Description
42PP0606	Power supply 104W
182-0014	Cover



PRIMA POWER 104 Watt power supply

Features:

- Industry standard.
- AC input 88-132VAC or 176-264VAC (switchable).
- +5V, 3~15 Amp, +12V 4 Amp, +24V 4 Amp.
- CE and TUV approved.
- High efficiency.
- Easy start up.
- Green "power on" LED.
- Overload protected.
- Built in EMI filter.
- Maximum noise minimization by built in high speed diode.
- Weight 0.8kg / 20 pieces in a box.



AC input 110 / 240VAC

Part no.	Description
42PP0608	Power supply 104W
182-0014	Cover



- Low cost, high reliability.
- High efficiency, low working temperature.
- Built in EMI filter, low ripple noise.
- Compact size, light weight.
- 100% full load burn-in test.
- ISO-9001 manufacturer.
- Short circuit/ over load/ over voltage protected.
- International AC input selected.
- Approvals: UL / TUV / CE
- 1 year warranty.

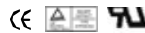


Single Output Switching Power Supplies

- Input voltage.....88-132 VAC/ 176-264V AC selected by sw.
- Input frequency.....47-63hz
- Inrush current.....cold start, 20A/ 115V, 40A/ 230V
- Output voltage.....refer to below table ($\pm 10\%$ ADJ.)
- Overload protection.....105%-150% output pulsing mode
- Over voltage protection.....115%-135% of output voltage
- Setup, rise, hold up time.....1s, 30ms, 15ms/ 230V AC
- Withstand voltage.....I/P-0/P:3KV, I/P-FG:1.5KV, 1min.
- Working temperature.....0-50°C @100%, -10°C @80%, 60°C @60% (5V&7.5V 0-45°C @100%, 60°C @50%)
- Safety standard.....UL 1012, TUV EN60950
- EMC standard.....EN55022 class B, IEC801-2,3,4,5, EN60555-2,3
- Connection.....7P/9.5mm pitch terminal block
- Weight.....0.65kgs
- Size: 199 x 98 x 38mm

100W, 12V Power Supply

Part no.	Description
42PPO412	12V 8.5 Amp output



Output.	Tol.	R&N	Eff.
12V, 8.5A	$\pm 1\%$	125mV	80%

- Input voltage.....88-132 VAC/ 176-264V AC selected by sw.
- Input frequency.....47-63hz
- Inrush current.....cold start, 20A/ 115V, 40A/ 230V
- Output voltage.....refer to below table ($\pm 10\%$ ADJ.)
- Overload protection.....105%-150% output pulsing mode
- Over voltage protection.....115%-135% of output voltage
- Setup, rise, hold up time.....1s, 30ms, 15ms/ 230V AC
- Withstand voltage.....I/P-0/P:3KV, I/P-FG:1.5KV, 1min.
- Working temperature.....0-50°C @100%, -10°C @80%, 60°C @60% (5V&7.5V 0-45°C @100%, 60°C @50%)
- Safety standard.....UL 1012, TUV EN60950
- EMC standard.....EN55022 class B, IEC801-2,3,4,5, EN60555-2,3
- Connection.....7P/9.5mm pitch terminal block
- Weight.....0.65kgs
- Size: 199 x 98 x 38mm



100W, 24V Power Supply

Part no.	Description
42PPO424	24V 4.5 Amp output



Output.	Tol.	R&N	Eff.
24V, 4.5A	$\pm 1\%$	150mV	83%



Universal AC input / Full range.
 PF>0.92@230VAC and full load.
 Protection: Short circuit / Over load / Over voltage.
 Cooling by free air convection.
 Input:12 or 24VDC.
 Fixed switching frequency at 134KHz.
 Approvals: UL / CUL / TUV / CB / CE.
 100% full load burn-in test.
 1 year warranty.



AC input voltage range..... 88~264VAC; 124~370VDC
 AC inrush current.....Cold start, 20A at 115VAC, 40A at 230VAC
 DC adjustment range..... 12V, 24V, 48: ±10%
 13.8V: 12~14.5V; 27.6V: 24~29V; 54.0: 48~58V
 Over load protection.....CH1.2: 105~135%, charger: 0.51~0.9A;
 constant current limiting, auto-recovery
 Over voltage protection.....CH1: 115~135% rated output voltage
 Setup, rise, hold up time.....1000ms, 90ms, 20ms at full load and 230VAC
 Withstand voltage..... I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1minute
 Working temperature.....With fan:-10~50°C@100%, 60°C@80% load
 Without fan:-10~50°C@70%, 60°C@50% load
 Safety standards.....UL 1950, TUV EN60950 approved
 EMC standards.....EN55022 class B, EN61000-3-2,3,
 EN61000-4-2,3,4,5,6,8,11, ENV50204
 Connection......8P/ 9.5mm pitch terminal block
 Packing..... 0.88kg ; 16pcs / 15.0kg / 1.1CUFT

Dual Output Switching Power Supplies

Part no.	Output	Tol.	R&N	Eff.	Max.
42PP0520	12V, 0.0-12.5A	±2%	150mV	77%	153W
	5V, 0.0-3.00A	±3%	100mV		

Part no.	Output	Tol.	R&N	Eff.	Max.
42PP0530	24V, 0.0-6.50A	±1%	150mV	82%	154W
	5V, 0.0-3.00A	±3%	100mV		



24VDC Regulated Power Supply

Output: 3 Amp constant and 5 Amp surge.
 Short circuit protected with automatic reset function.
 Input power is protected by fuse which is located at the rear of the unit.
 Ideal for workshop use, testing hoppers, bill acceptors, coin acceptors etc.

Part no.	Description
42-0002	24VDC regulated power supply



DC-AC Inverters 12 or 24VDC

Input:12 or 24VDC.
 Maximum output 220V-150 Watt 50Hz.
 Auto-detecting wrong battery cont. Ex 12V/24V.
 Output short-circuit protection.
 Battery low pre-alarm.
 Battery low alarm and shut down.
 Over-load and heat pre-alarm.
 Over-load and heat alarm and shut down.
 Applications: Notebook, Coin-Note counters, Lamps etc.

Part no.	Description
42-0006	DC-AC Inverter 12 Volt
42-0007	DC-AC Inverter 24 Volt



AC-DC Adaptor

Input: 220-240VAC 50Hz.
 Output voltages selectable 1.5 - 3.0 - 4.5 - 6.0 and 9.0 Volt.
 Output Load Permanent 200mA, max. 300mA.
 Supplied with selection of different jack plugs and coaxial plugs. (6 pcs)

Part no.	Description
108-0120	AC-DC adaptor





NEW

Replacement CRT Monitors for Aristocrat

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode power supply unit for low power requirements.
- Designed for easy maintenance and long lasted life time.

Part no.	Description
150MG4027	17" VGA Slanttop monitor / Aristocrat ref: 566251
150MG4083	20" VGA MK5 Upright monitor / Aristocrat ref: 566496-1
150MG4084	20" VGA MK6 Upright monitor / Aristocrat ref: 568896-2

Please check your machine manual for correct manufacturers part numbers!

Replacement CRT Monitors for Atronic

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode power supply unit for low power requirements.
- Designed for easy maintenance and long lasted life time.

Part no.	Description
150MG4077	17" VGA Cashline monitor without touchscreen / Atronic ref: 65018825
150MG4095	17" VGA Cashline monitor including touchscreen / Atronic ref: 65024300

Please check your machine manual for correct manufacturers part numbers!

Replacement LCD Monitors for Atronic

Featuring:

- Made from high quality components.
- Kits are drop in replacement for Emotion machines.
- Supplied with or without touchscreen.

Part no.	Description
150MG4029	17" LCD monitor without touchscreen for use in Emotion / Atronic ref: 65040184
150MG4042	17" LCD monitor including touchscreen for use in Emotion / Atronic ref: 65040713

Please check your machine manual for correct manufacturers part numbers!

Replacement CRT Monitors for Bally Gaming

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode power supply unit for low power requirements.
- Designed for easy maintenance and long lasted life time.

Part no.	Description
150MG4005	14" CGA monitor / Bally Gaming ref: E832-27A
150MG4016	14" CGA Upright monitor / Bally Gaming ref: E832-69
150MG4055	14" VGA Upright monitor incl. touchscreen / Bally Gaming ref: 83799 Used in Bally Game Maker and Bally Upright V5500
150MG4067	17" VGA Upright monitor including touchscreen
150MG4052	20" VGA Upright monitor including touchscreen / Bally Gamingref: E0032-0092

Please check your machine manual for correct manufacturers part numbers!

Replacement CRT Monitors for Funworld Photoplay

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode power supply unit for low power requirements.
- Designed for easy maintenance and long lasted life time.

Part no.	Description
150MG0002	20" VGA (31Khz) monitor without touchscreen for Funworld Photoplay

Replacement CRT Monitors for IGT

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode power supply unit for low power requirements.
- Designed for easy maintenance and long lasted life time.

*** All offered IGT replacement monitors with touchscreen are based upon a professionally refurbished controller board.**

Part no.	Description
150MG4000	14" CGA Upright monitor / IGT ref: 69104190 rev. B and 69103690 Used in IGT players edge and IGT players edge plus
150MG4002	14" CGA Upright monitor / IGT ref: 69918500
150MG4006	14" CGA Slanttop monitor / IGT ref: 69918300
150MG4011	14" CGA Flattop monitor / IGT ref: 69918400
150MG4026	14" CGA Upright monitor / IGT ref: 69917300 Cover rev. C
150MG4004	14" VGA 120V Upright monitor / IGT ref: 69915600
150MG4013	14" VGA Upright monitor including touchscreen / IGT ref: 69922100 Used in IGT Game King
150MG4022	14" VGA Flattop monitor including touchscreen / IGT ref: 69922700 and 69914100, Used in IGT Bartop machines
150MG4023	14" VGA Slanttop monitor including touchscreen/ IGT ref: 69922500
150MG4049	17" VGA AVP Upright monitor including touchscreen/ IGT ref: 69926401
150MG4050	17" VGA Upright monitor including touchscreen/ IGT ref: 69919201 Used in IGT I-series uprights and Game King
150MG4051	17" VGA Slanttop monitor including touchscreen/ IGT ref: 69920401
150MG4053	17" VGA Slanttop monitor including touchscreen/ IGT ref: 69922001 with gutter
150MG4060	17" VGA Upright monitor including touchscreen/ IGT ref: 69919401
150MG4061	17" VGA Slanttop monitor including touchscreen/ IGT ref: 69920000
150MG4062	19" VGA Upright monitor including touchscreen/ IGT ref: 69924601 Used in newer Upright cabinets of Game King series
150MG4097	19" VGA Slanttop monitor including touchscreen Used in IGT Austin powers and IGT I dream of Jeanie
150MG4003	20" CGA Upright monitor / IGT ref: 69916800
150MG4019	20" VGA Upright monitor / IGT ref: 69915900: Used in Game king
150MG4020	20" VGA Upright monitor including touchscreen / IGT ref: 69922300

LCD Upgrade Kits for IGT

Featuring:

- Update your older machines with a modern look.
- Made from quality components including A-Grade Samsung LCD panels, that offer better picture quality, balanced picture image and a longer life span with no burn-in (which is typically found with traditional CRT monitors)
- Kits are drop in replacements for 17" and 19" games. (Slanttop and upright cabinets)
- Kits are optional available with 25-pin advanced video platform connector (AVP).
- Includes touchscreen and controller.
- All kits include plastic bezel.
- 1-year guarantee.

Part no.	Description
H49-2541-00	17" LCD Upright kit non AVP*
H49-2540-00	17" LCD Upright kit AVP* connector
H49-2538-00	17" LCD Slanttop kit non AVP*
H49-2539-00	17" LCD Slanttop kit AVP* connector
H49-2535-00	19" LCD Upright kit non AVP*
H49-2534-00	19" LCD Upright kit AVP* connector
H49-2537-00	19" LCD Slanttop kit non AVP*
H49-2536-00	19" LCD Slanttop kit AVP* connector

AVP=25-pin advanced video platform connector

Please note that all above mentioned monitors are not OEM's original products but high quality drop in replacements

Monitors

www.leisureherrerc



NEW

Replacement CRT Monitors for Konami

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode psu for low power requirements.
- Designed for easy maintenance.

Part no.	Description
150MG4089	17" SVGA Upright monitor
150MG4081	19" SVGA Slanttop monitor including touchscreen

Replacement CRT Monitors for Novomatic

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode psu for low power requirements.
- Designed for easy maintenance.

Part no.	Description
150MG0004	19" XGA (48KHz) FST monitor without touchscreen for Novomatic

Replacement CRT Monitors for Sigma

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode psu for low power requirements.
- Designed for easy maintenance.

Part no.	Description
150MG4070	14" EGA Slanttop monitor for Sigma

Replacement CRT Monitors for TAB Silverball

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode psu for low power requirements.
- Designed for easy maintenance.

Part no.	Description
150MG0003	19" (48KHz) monitor without touchscreen for TAB Silverball

Replacement CRT Monitors for Unidesa

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode psu for low power requirements.
- Designed for easy maintenance.

Part no.	Description
150MG0001	17" VGA (31-38KHz) including touchscreen monitor

Replacement CRT Monitors for WMS

Featuring:

- Automatic colour adjustment.
- Including high efficient switch mode psu for low power requirements.
- Designed for easy maintenance.

Part no.	Description
150MG4090	17" VGA Upright monitor including touchscreen
150MG4064	20" VGA Slanttop monitor including touchscreen

Parts for Ceronix Monitors

Part no.	Ref. no.	Description
H49-5033-00		Monitor repair kit
H49-3014-00	CPA4100	Chassis for model 1492 monitor CGA
H49-5254-00	CPA4102	Remote board
H49-5240-00	CPA4108	Chassis for 2093 20" VGA monitor
H49-5169-00	CPA4113	Video board
H49-4059-00	CPA4128	PCB (chassis) for 20" 2093 monitor
H49-5331-00	CPA4129	Main PCB assembly for 1739 VGA monitor
H49-5212-00	CPA4130	Isolation transformer
H49-6080-00	CPA4133	Chassis for 1493 monitor
H49-6207-00	CPA4156	Neckboard only for 1493 series monitor
H49-3013-00	CPA4200	Chassis for model 1493 monitor VGA
H49-5269-00	CPA4221	Control board for monitor
H49-6202-00	CPA4235	Chassis for 1493 monitor
H49-6131-00	CPA4243	Chassis for 1793 IGT dual focus monitor
H49-6164-00	CPA4244	Chassis board for IGT dual focus monitor
H49-5161-00	CPC1002	330PFD, 100V
H49-5160-00	CPC1003	2200PFD, 1KV
H80-0087-00	CPC1100	1MFD, 50V capacitor
H62-0094-00	CPC1101	10MFD, 25V capacitor
H62-0097-00	CPC1102	100MFD, 25V capacitor
H62-0130-00	CPC1103	220MFD, 35V capacitor
H80-0109-00	CPC1104	1.000MFD, 35V capacitor
H62-0066-00	CPC1105	150MFD, 250V capacitor
H80-0078-00	CPC1109	470MFD, 50V capacitor
H49-5151-00	CPD1250	FDH400
H49-5157-00	CPD1251	IN4148
H49-5156-00	CPD1252	IN4005
H49-5155-00	CPD1253	IN4937
H49-5152-00	CPD1256	IN5954
H49-5154-00	CPD1264	FR205
H49-5153-00	CPD1266	HER205
H60-0025-00	CPI1400	LA7851 vertical & horizontal IC
H49-3003-00	CPH1401	LA7830 vertical def. output
H60-0026-00	CPH1402	CA3224E auto bias
H49-5131-00	CPI1403	XRC5184 IS for power supply
H49-5135-00	CPI1406	LM339 quad comparator IC
H49-5134-00	CPI1407	7812 IA regulator
H49-3005-00	CPI1409	XRC5346A custom video IC
H49-3006-00	CPI1410	LM393 dual comparator
H49-5136-00	CPI1414	LM392 OP Amp
H49-5133-00	CPI1415	LA7838 V deflection IC
H49-5132-00	CPI1416	CO4024 7 bit counter
H49-7032-00	CPM2056	Touch screen for IGT 14" monitor
H49-5238-00	CPM2115	Controller for IGT Touch screen
H49-2094-00	CPP1711A	Picture tube for 14" VGA monitor
H49-5271-00	CPP1722	Picture tube for 17" VGA monitor
H49-5142-00	CPQ1301	MPS2907
H49-5145-00	CPQ1302	MPSA64
H49-5147-00	CPQ1303	PN2222
H49-5139-00	CPQ1304	2SK 1446 FET 4.5A
H49-5130-00	CPQ1305	2SD 1651 5A V NPN
H49-5146-00	CPQ1306	2SC 3675
H49-5149-00	CPQ1307	2SC 4159
H49-5144-00	CPQ1308	2SC 3467
H49-5143-00	CPQ1309	2SA 1370
H49-5148-00	CPQ1310	2SA 1371
H49-5138-00	CPQ1315	IRF 520 FET
H49-5141-00	CPQ1318	2SC 4125
H49-4005-00	CPR0033	30 Ohm, 1/4W
H49-5128-00	CPR0376	1.2 Ohm, 1W resistor
H49-5129-00	CPR0389	.33 Ohm, 2W resistor
H49-3002-00	CPR0400	1K Ohm white pot
H49-2098-00	CPR0402	10K Ohm yellow pot
H49-2097-00	CPR0403	20K Ohm orange pot
H49-2096-00	CPR0405	500K Ohm black pot
H49-5244-00	CPR0433	Relay, 24V coil
H49-3018-01	CPR0500	"B" pra video amplifier
H49-5127-00	CPR0501	"J" pra for power supply
H49-3011-00	CPR0502	"I" pra horizontal control
H49-3009-00	CPR0503	"H" pra vertical control
H49-3010-00	CPR0504	"G" pra horizontal width control
H49-3007-00	CPR0506	"C" pra auto bias
H49-5126-00	CPR0510	"K" pra video amplifier
H49-5159-00	CPS1750	CRT socket
H49-3004-00	CPT1500	Flyback transformer
H49-5137-00	CPT1516	FBT meritron 31KHz .75MA
H49-3012-00	CTP1523	Horizontal width coll
H49-5209-00	-----	14" CRT/Tube For 1492 CGA Monitor

Please note that all above mentioned monitors are not OEM's original products but high quality drop in replacements



SAMSUNG SyncMaster TFT and Plasma Presentation Displays



Crisp images in your Arcade or Casino

Available from 32 up to 63 inch
Wide range of input terminals
Wall mounting brackets option available

Benefits Plasma:

Wide 170-degree viewing angle.
Considered to have higher brightness at night.
Excellent contrast ratio (picture sharpness) and black levels (colors)
Lower cost compared to LCD

Considerations:

Susceptible to screen burn-in.
Limited gas life (30-40.000 hrs)
Limited functionality at higher altitudes.

Benefits LCD:

Highest possible resolutions are achievable on LCD displays.
Not susceptible to screen burn-in.
170-170 degree viewing angle.
Less power consumption than Plasma or CRT displays.
Higher life expectancy +50.000 hrs.
Works on any altitude.

Considerations:

Higher price than plasma displays
Contrast and sharpness suffer when compared to plasma.
Black levels are not on par with some plasma displays.



Part no.	Description
150TFT3202	TFT-LCD monitor 320P
150TFT4001	TFT-LCD monitor 400P
150TFT4600	TFT-LCD monitor 420P
150P42	Plasma monitor PPM42
150P50	Plasma monitor PPM50
150P63	Plasma monitor PPM63

Specifications	320P	400P	460P	PPM42	PPM50	PPM63
Screen type	TFT-LCD	TFT-LCD	TFT-LCD	Plasma	Plasma	Plasma
Viewable Area	32"	40"	46"	42"	50"	63"
Pixel Pitch	0.511	0.216	0.248	1.09 x 1.11	0.81 x 0.81	1.02 x 1.02
Brightness	450cd	500cd	500cd	1500cd	1300cd	1000cd
Contrast	1000:1	800:1	800:1	10.000:1	10.000:1	3.000:1
Max. Resolution	1366 x 768	1366 x 768	1366 x 768	852 x 480	1366 x 768	1366 x 768
View Angle	170-170°	170-170°	170-170°	170-170°	170-170°	170-170°



Available Models:

Our TFT-LCD panels are most often used in:

- Gaming & Amusement machines
- Internet terminals
- Kiosks
- Vending & Parking applications
- Replacement in aftersale market

15" TFT-LCD Monitor

Key Features:

- Viewing angle: 140/120
- Brightness: 250cd
- Contrast ratio: 450:1
- 110/220V on-board PSU

Part no.	Description
150TFT1503	15" TFT-LCD monitor

17" TFT-LCD Monitors

Key Features:

- Viewing angle: 160/160
- Brightness: 300cd
- Contrast ratio: 600:1
- 110/220V on-board PSU
- Standard framework
- Available with or without touchscreen

Part no.	Description
150TFT1717	17" Monitor standard frame
150TFTS1717	17" Monitor incl Elo touch (serial)
150TFTS1717U	17" Monitor incl Elo touch (usb)

17" TFT-LCD High-end Panel

Key Features:

- Viewing angle: 178/178
- Brightness: 280cd
- Contrast ratio: 1500:1
- 110/220V on-board PSU
- Standard framework or Slantop frame
- Available with or without touchscreen

Part no.	Description
150TFT1708	17" Monitor standard frame
150TFTS1708	17" Monitor incl Elo touch (serial)
150TFTS1708U	17" Monitor incl Elo touch (usb)
150TFT1709	17" Monitor Slantop frame
150TFTS1709	17" Monitor Slantop incl Elo Touch (serial)
150TFTS1709U	17" Monitor Slantop incl Elo Touch (usb)

LCD and touchscreen integration has become a major activity for Leisure Herrero over the past years.

The highest quality LCD panels from Samsung, selected for high viewing angle and brightest contrast ratios in combination with clearest glass touchscreens results in ultra crisp images extremely suitable for Gaming and Kiosk applications.

OEM LCD and touchscreen products with custom framework, wiring and electronics are developed and produced in house for fast reaction to rapidly changing market situations.

For the near future we also plan a series of CRT-monitor to LCD conversion kits for various Gaming machines.

Please ask for updates.

19" TFT-LCD

Key Features:

- Viewing angle: 160/160
- Brightness: 500cd
- Contrast ratio: 800:1
- 110/220V on-board PSU
- Standard framework
- Available with or without touchscreen

Part no.	Description
150TFT1901	19" Monitor standard frame
150TFTS1901	19" Monitor incl Elo touch (serial)
150TFTS1901U	19" Monitor incl Elo touch (usb)

26" TFT-LCD

Key Features:

- Viewing angle: 170/170
- Brightness: 500cd
- Contrast ratio: 800:1
- Standard aluminium housing
- Available with or without touchscreen

Part no.	Description
150TFT2601	26" Monitor standard housing
150TFTS2601	26" Monitor incl Elo touch (serial)

32" TFT-LCD

Key Features:

- Viewing angle: 178/178
- Brightness: 450cd
- Contrast ratio: 1000:1
- Standard aluminium housing
- Available with or without touchscreen

Part no.	Description
150TFT3201	32" Monitor standard housing
150TFTS3201	32" Monitor incl Elo touch (serial)



Complete Elo Touch TFT-LCD's

LCDs require a protective overlay. Only **Elo's IntelliTouch** uses a clear glass overlay for the best possible optics. **IntelliTouch** offers the same basic qualities as **iTouch**, including superior optics and accurate drift-free touch performance. New true-flat versions are available with transducers on the back of the glass, as well as **SecureTouch** flat tempered glass versions for greater vandal resistance and safety.



Part no.	Description
150TFIT1502	15" Touch TFT-LCD
150TFIT1704	17" Touch TFT-LCD, 170/170
150TFIT1901	19" Touch TFT-LCD, 170/170

Key Benefits:

- Including Easy-To-Integrate mini-bezel for optimal sealing against liquids, dirt, etc.
- Long Lasting product cycle.
- A-grade Panels. (Wide-Viewing angle)
- All benefits of SAW-technology.
- Optional USB version.
- All approvals, technical specifications, etc are available at www.leisureherrero.com



Flat IntelliTouch Screens Overlays

Part no.	Description
3mm:	
002801A-9125	15.1" Flat-profile
002801A-1700	17.0" Flat-profile
002801A-1900	19.0" Flat-profile
5mm:	
E206368	26" Clear
002801A-3001	30" Clear
002801A-3200	32" Clear
6mm:	
002800A-798S	12.1" Clear
002800A-9122S	15.0" Clear
12mm:	
002800A-10131S	17.0" Clear



ELO Point Of Sales Monitors

For more information contact Leisure Herrero.



IntelliTouch Controllers

- Performs self tests and touchscreen tests.
- Creates burst signals.
- Receives, filters and amplifies return signals.
- Stores reference waveforms.
- Digitizes touch coordinate (X, Y, Z) and rejects invalid touches. (too small, too wide, simultaneous touches)
- Sends raw coordinates for touches and lifts to computer.

Part no.	Description
002500SZ	Serial controller
002500UZ	USB controller
A40414-000	Serial controller 32"



Elo TouchSystems Innovative Leader in Touchscreen Technology

Being a pioneer in **Touchscreen** products, **Elo** introduced the **IntelliTouch** technology in 1987. Ever since there has been continuous improvements to the hardware and the supporting Software. Smaller, Faster and more sensitive screens are the results. Advanced innovations, resulting in the best possible performance of **touchscreens**.



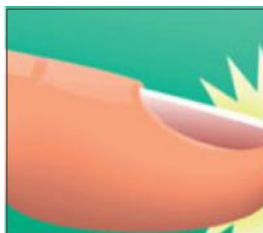
iTouch technology is the latest revolutionary touch technology the Industry has seen. The touch is directly on the surface of the CRT-tube whilst keeping the benefits of Surface Acoustic Waves.

Key Benefits:

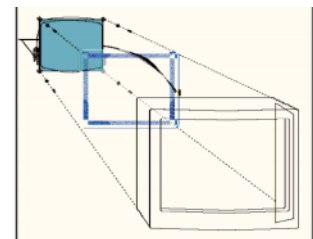
- Including Easy-To-Integrate mini-bezel.
- Fast & Sensitive.
- High-resolution: 4095 x 4095.
- More durable, stronger and safer than even bonded overlays.
- Smooth feeling, direct on the image.
- No periodic recalibration needed.
- No earth/ground problems.
- Works even with scratches.
- 100% digital H-Q Monitor electronics.

The iTouch monitors are packed in an excellent box, including Serial RS232 & VGA-cable.

- Power-cable with AMP connector can be ordered optional.
- Optional USB Controller.
- Available CRT-models: **FST-shape and True-Flat.**
- All models have standard the Easy-to-Integrate mini-bezel which ensures optimal sealing against dirt, liquids, etc.
- All monitors have the agency approval certificates.



Part no.	Description
150IT1501	15" iTouch FST-shape monitor, SVGA, 0.28 dpi
150IT1702	17" iTouch FST-shape monitor, XGA, 0.27 dpi
150IT1702F	17" iTouch Flat-tube monitor, XGA, 0.25 dpi
150IT1901 FunWorld, Spirit model	19" iTouch FST-shape monitor, XGA, 0.25 dpi
150IT1901F	19" iTouch Flat-tube monitor, XGA, 0.25 dpi
150IT2101	21" iTouch FST-shape monitor, XGA, 0.25 dpi
149-0115	Power cable, 3 x 1mm



Technical info, specifications, etc, available on our website