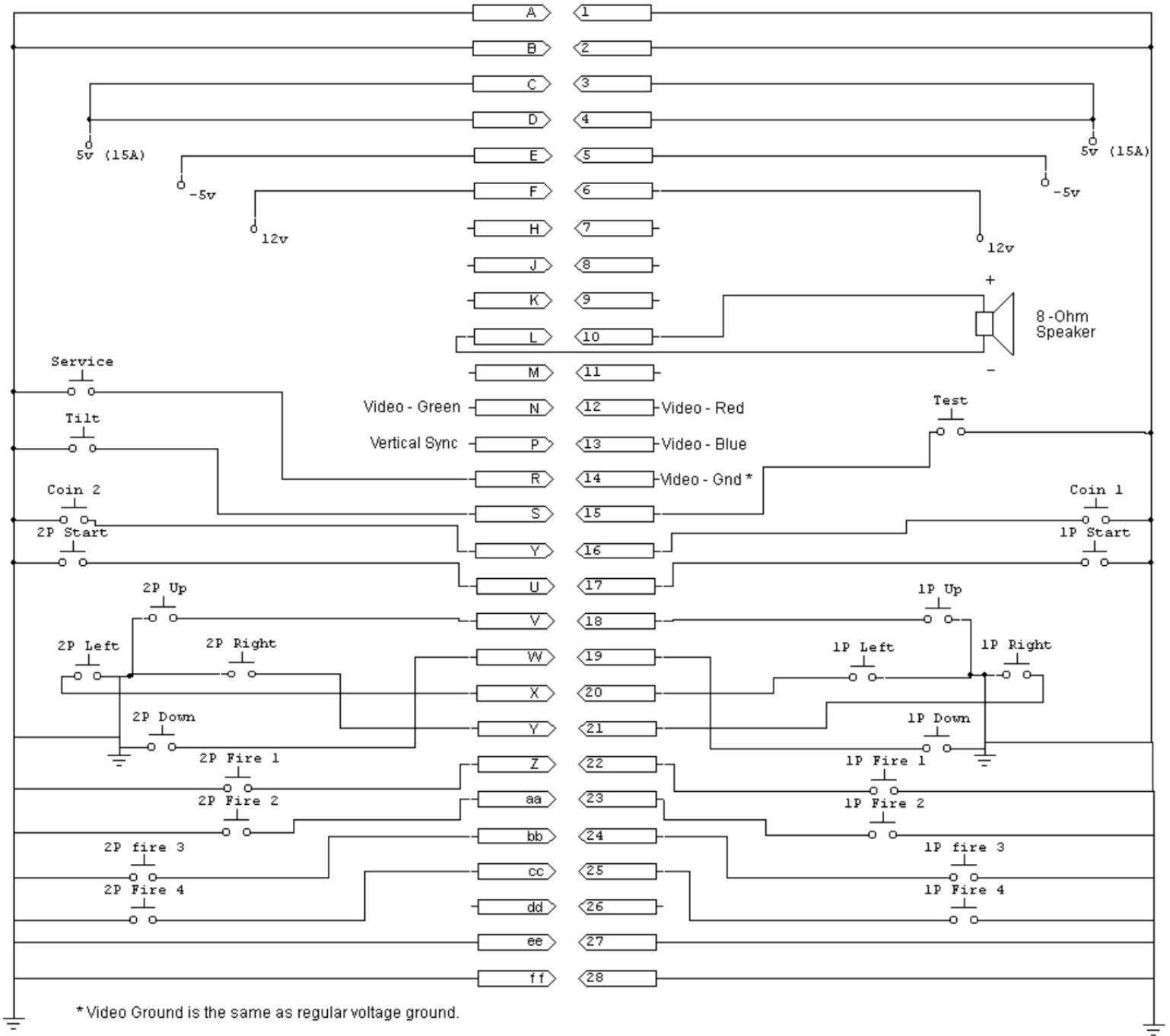


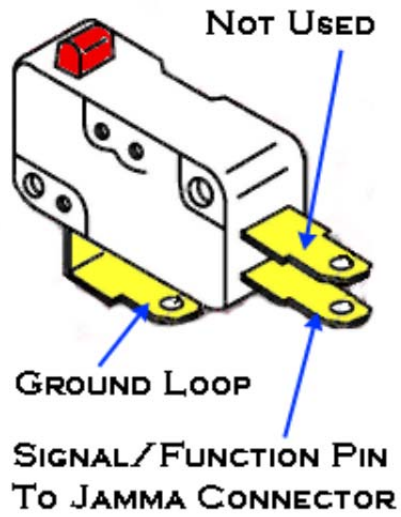
JAMMA Harness w/ .187" Quick Disconnects

PN: RA-WIRE-HARNESS

JAMMA Functional Connection Diagram

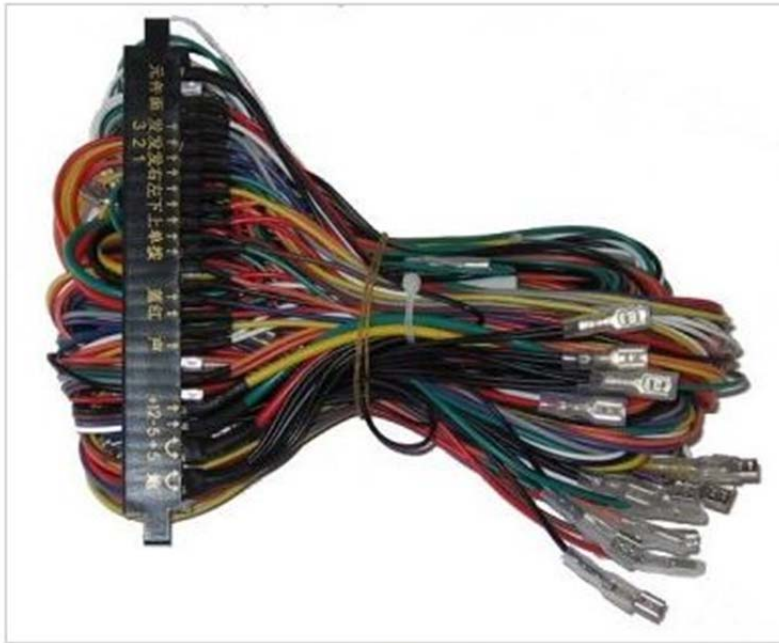


Tip: Every joystick and button microswitch must be connected in the same manner; Ground wire to the common (COM) terminal and the JAMMA wire to the normally open (NO) terminal (as illustrated below).



FUNCTION	WIRE COLOR	PIN	PIN	WIRE COLOR	FUNCTION
GROUND	BLACK	A	1	BLACK	GROUND
GROUND	BLACK	B	2	BLACK	GROUND
+5 VDC	RED	C	3	RED	+5 VDC
+5 VDC	RED	D	4	RED	+5 VDC
-5 VDC	GREEN	E	5	GREEN	-5 VDC
+12 VDC	YELLOW	F	6	YELLOW	+12 VDC
KEY SLOT		H	7		KEY SLOT
COIN COUNTER 2	ORANGE	J	8	ORANGE	COIN COUNTER 1
LOCKOUT COIL 2		K	9		LOCKOUT COIL 1
SPEAKER -	WHITE	L	10	WHITE	SPEAKER +
(OPTIONAL P2 – FIRE BUTTON 6)	YELLOW	M	11	YELLOW	(OPTIONAL P1 – FIRE BUTTON 6)
VIDEO – GREEN	GREEN	N	12	RED	VIDEO – RED
VIDEO – VERTICAL SYNC	WHITE	P	13	BLUE	VIDEO – BLUE
SERVICE SWITCH	RED	R	14		VIDEO – GROUND
SLAM/TILT		S	15	ORANGE	TEST SWITCH
COIN 2	GREEN	T	16	GREEN	COIN 1
P2 – START	BROWN	U	17	BROWN	P1 – START
P2 – UP	RED	V	18	RED	P1 – UP
P2 – DOWN	ORANGE	W	19	ORANGE	P1 – DOWN
P2 – LEFT	YELLOW	X	20	YELLOW	P1 – LEFT
P2 – RIGHT	GREEN	Y	21	GREEN	P1 – RIGHT
P2 – FIRE BUTTON 1	BLUE	Z	22	BLUE	P1 – FIRE BUTTON 1
P2 – FIRE BUTTON 2	VIOLET	AA	23	VIOLET	P1 – FIRE BUTTON 2
P2 – FIRE BUTTON 3	GRAY	BB	24	GRAY	P1 – FIRE BUTTON 3
P2 – FIRE BUTTON 4	WHITE	CC	25	WHITE	P1 – FIRE BUTTON 4
(OPTIONAL P2 – FIRE BUTTON 5)	RED	DD	26	RED	(OPTIONAL P1 – FIRE BUTTON 5)
		EE	27		
GROUND	BLACK	FF	28	BLACK	GROUND
SOLDER SIDE				COMPONENT SIDE	

JAMMA Full Cabinet Wiring Harness Loom



More Images:



Happy Fish 2 Jamma Board Notes:

Board includes button 5 and 6 wiring harness. The Happy Fish 2 board wires to a standard 56 pin Jamma wiring harness. The standard Jamma harness also used for the Jamma 60-IN-1 boards only has wiring for four buttons. The harness adds an additional two buttons for each player and extends the system to six buttons. Note: The Happy Fish boards do not have a VGA output and only use the low resolution RGB output directly from the Jamma wiring harness. If you would like to hook the board to a VGA monitor see PN: RA-CGA-VGA-CONVERTER

Additional Button Wiring diagram:

- Red Wire – Player 1 Button 5
- Black Wire – Player 1 Button 6
- Orange Wire – Player 2 Button 5
- White Wire – Player 2 Button 6
- Opposite side of each button wires to power supply ground.