



Your one-stop classic coin-op arcade shop

NINTENDO CLASSIC SERIES

UPRIGHT CABINET REPLACEMENT HARNESS

(DONKEY KONG, DONKEY KONG JR, DONKEY KONG 3, POPEYE, MARIO BROS)

Introduction

Congratulations on your purchase of the Mike's Arcade **Nintendo Classic series upright cabinet replacement harness**. This product is designed to work with a wide range of Nintendo Classic game boards and cabinets and supports both Donkey Kong and Mario Bros control panel configurations. Whether you are building a cabinet from scratch, replacing a worn or damaged harness, or just want to simplify the wiring in your existing cabinet, this easy to install harness will make the process much simpler than building your own harness.

The harness features:

- Sanyo EZ connections for both audio and video
- Nintendo PP-7A or PP-7B power connectors (9 and 10 pin)
- Universal Control panel harness connection may be used with either DK or our Mario Bros control panel harness.
- 44-pin edge connector supports TKG4, DJR, DKC, TMA and TPP board sets.
(Donkey Kong, Donkey Kong Jr, Donkey Kong 3, Mario Bros and Popeye)

If you have any questions or comments, please feel free to email sales@mikesarcade.com or call at the number at the bottom of the page.

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P.O. Box 130, 60 W. Main Street, Circleville, UT 84723 (435) 577-2258
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NINTENDO CLASSIC SERIES UPRIGHT CABINET REPLACEMENT HARNESS

1. Main Board Connection

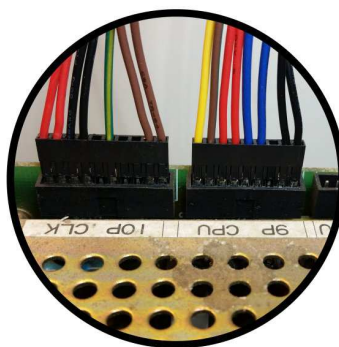


Edge connector (PIN 1 to PIN1)

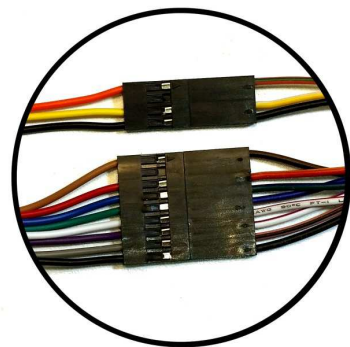
2. Power and Control Panel plug orientation



THE ARROW IS PIN 1



PP-7B connections
(PIN1 is on the right)



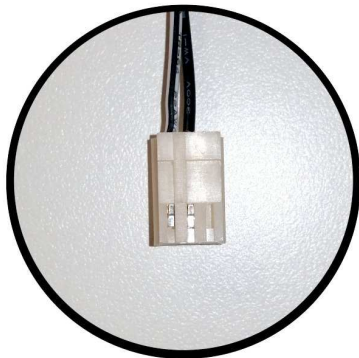
Control Panel connections
(Match Colors & PIN1 to PIN1)

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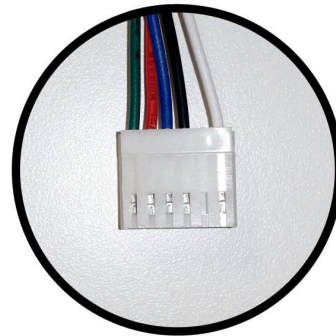
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3. Audio and Video – Keyed will only install one way to the Monitor



Audio Connector

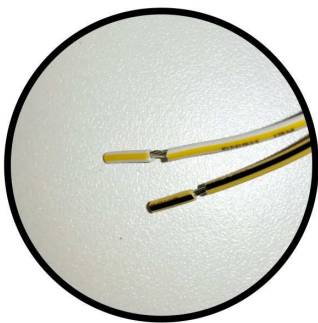
Connect to Monitor Sound AMP



Video Connector

Connect to Monitor Input

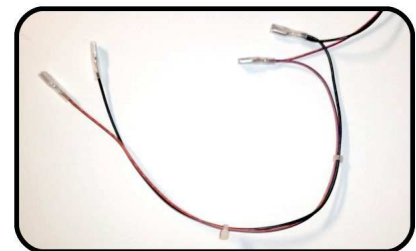
4. Coin Door Wiring



Coin Counter



Service Switch .110 QD



Coin Switches (.187 DQ)



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5. Harness Pinout table and color chart

PARTS SIDE				SOLDER SIDE		
BLACK	GND	1	A	GND	BLACK	
BLACK	GND	2	B	GND	BLACK	
RED	+5 VDC	3	C	+5 VDC	RED	
RED	+5 VDC	4	D	+5 VDC	RED	
BLUE	+12 VDC	5	E	+12 VDC	BLUE	
BROWN	-5 VDC	6	F	-5 VDC	BR BR/GN	
		7	G	Coin 1	OR/BLUE	
PINK/BLK	P2 Start	8	H	P1 Start	WHT/PRPL	
OR/GRN	¹ P2 Right	9	I	P1 Right	BRN/BLK	
WHT/YEL	¹ P2 Left	10	J	P1 Left	RED/OR	
		11	K	P1 Up	OR/GRN	
		12	L	P1 Down	WHT/YEL	
WHT/RED	¹ P2 Button 1	13	M	P1 Button 1	BLU/OR	
		14	N			
		15	O	Service	BRN/WHT	
BLACK	GND	16	P	GND	BLACK	
GREEN	Video GREEN	17	Q	Video RED	RED	
WHITE	SYNC (Negative)	18	R	Video BLUE	BLUE	
		19	S	Unamplified Audio	WHT/BLK	
Y/WT	YEL	+24 for counter	20	T	Coin Meter	YEL/BLK
BLACK	GN/Y	GND	21	U	GND	GN/BLK BLACK
BLACK	GND	22	V	GND	BLACK	
Bundle Colors						
POWER	Player 1	Player 2	Coin Door	Monitor	Audio	Unused

For Mario Bros support: Move PIN K to 9 and PIN L to 10

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MARIO BROS SERIES REPLACEMENT CONTROL PANEL HARNESS SET

TKGU-13-10 MBROS REPURPOSED CONTROL PANEL HARNESS (AKA RADARSCOPE)

PIN	COLOR	SIGNAL
1	BROWN	P1 RIGHT
2	----	
3	RED	P1 LEFT
4	GREEN	GND (P1 LEFT/P1 RIGHT/P1 BTN A/ P2 BTN A)
5	BLUE	P1 BTN A
6	WHITE	P2 BTN A
7	PURPLE	P1 START
8	GRAY	P2 START
9	BLACK	GND (P1 START/P2 START)

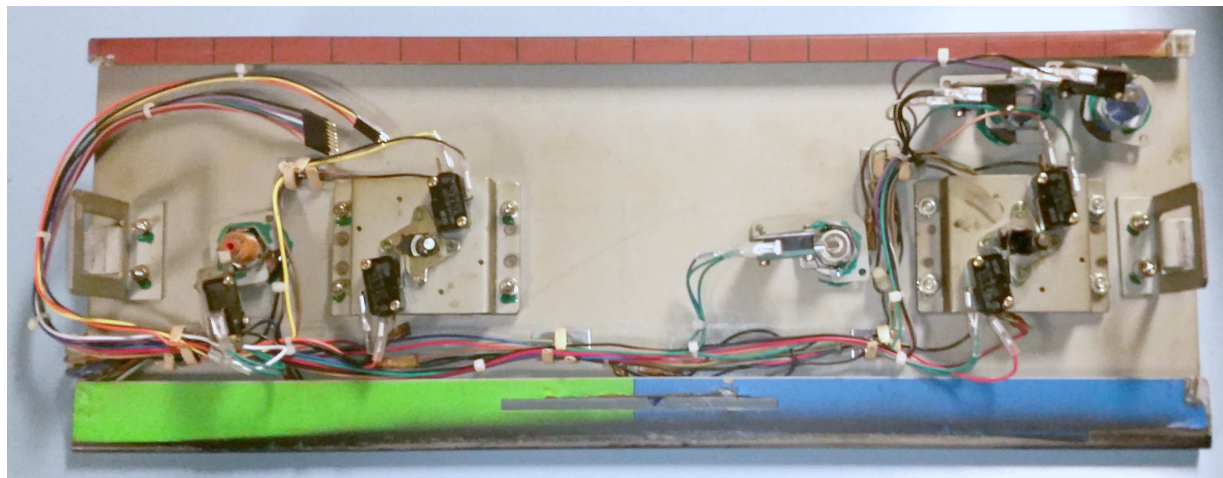


THE ARROW IS PIN 1

TKGU-13-19 – P2 RIGHT/ LEFT CONTROL PANEL HARNESS (DONKEY KONG)

PIN	COLOR	SIGNAL
1	ORANGE	P2 LEFT
2	----	
3	YELLOW	P2 RIGHT
4	BLACK	GND (P2 RIGHT/ P2 LEFT)

The above harness is installed on the Mario Bros control panel below.



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DONKEY KONG SERIES REPLACEMENT CONTROL PANEL HARNESS SET

TKGU-13-10 - SDM/TST/TRS CONTROL PANEL HARNESS (RADARSCOPE)

PIN	COLOR	SIGNAL
1	BROWN	RIGHT
2	----	
3	RED	LEFT
4	GREEN	GND (LEFT/RIGHT/BTN A/BTN B)
5	BLUE	BTN A (JUMP/WARP)
6	WHITE	BTN B (FIRE - SPACE DEMON/SPACE FIREBIRD)
7	PURPLE	P1 START
8	GRAY	P2 START
9	BLACK	GND (P1 START/P2 START)

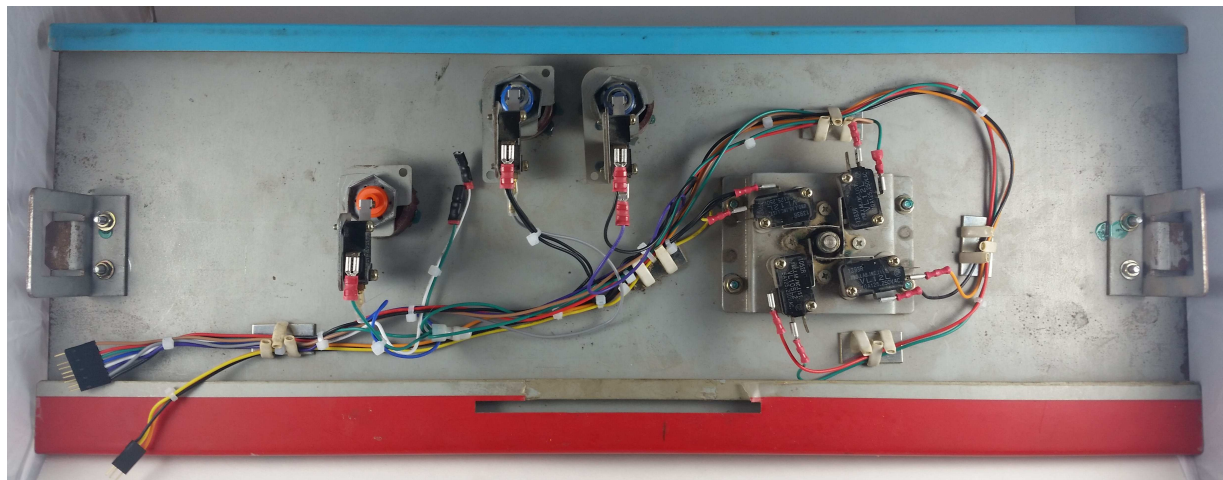


THE ARROW IS PIN 1

TKGU-13-19 - UP/DOWN CONTROL PANEL HARNESS (DONKEY KONG ADDON)

PIN	COLOR	SIGNAL
1	ORANGE	UP
2	----	
3	YELLOW	DOWN
4	BLACK	GND (UP/DOWN)

The above harness is installed on the Donkey Kong 3 control panel below.



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