
L1946BPSKN Manual

Aug.17th

Confidential !

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1.Introduction

This specification is for the 19" 1/3 Cut With Touch Button Deck of the game machine.
This document contains the electrical specifications and the characteristics

2. Configuration

	Part Name	Description	Maker
1	TFT LCD PANEL	MV190E0M-N10, 1/3 15.3"	TOVIS
2	A/D PCB ASSY	LIBERO DP	SEMA
3	TOUCH SCREEN	TC0190007A	ILJIN
4	CONTROLLER	KA190F	NANO TS
5	WIRELESS CHARGER	PTM-520K	POWER CAST
6	LED DRIVER	LB-4120BHF	PIS
7	USB SUB BOARD	BE91-00015G	SEMA
8	LED PCB - L	KONAMI SHIBUI_B/Deck LEFT	SEMA
9	LED PCB - R	KONAMI SHIBUI_B/Deck RIGHT	SEMA

3. Specification

a. Optical Specifications

Requirement	Notes
Color Temp	6500K $\pm$ 500
Color Coordinate (White)	x: 0.313 / y: 0.329 ($\pm$ 0.010)
Brightness (Clear Glass)	210 NITS $\pm$ 10 @ 100 IRE

b. Input

Requirement	Notes
Interface Type	Display Port x1
Interface Standard	-
Connector Gender	Male

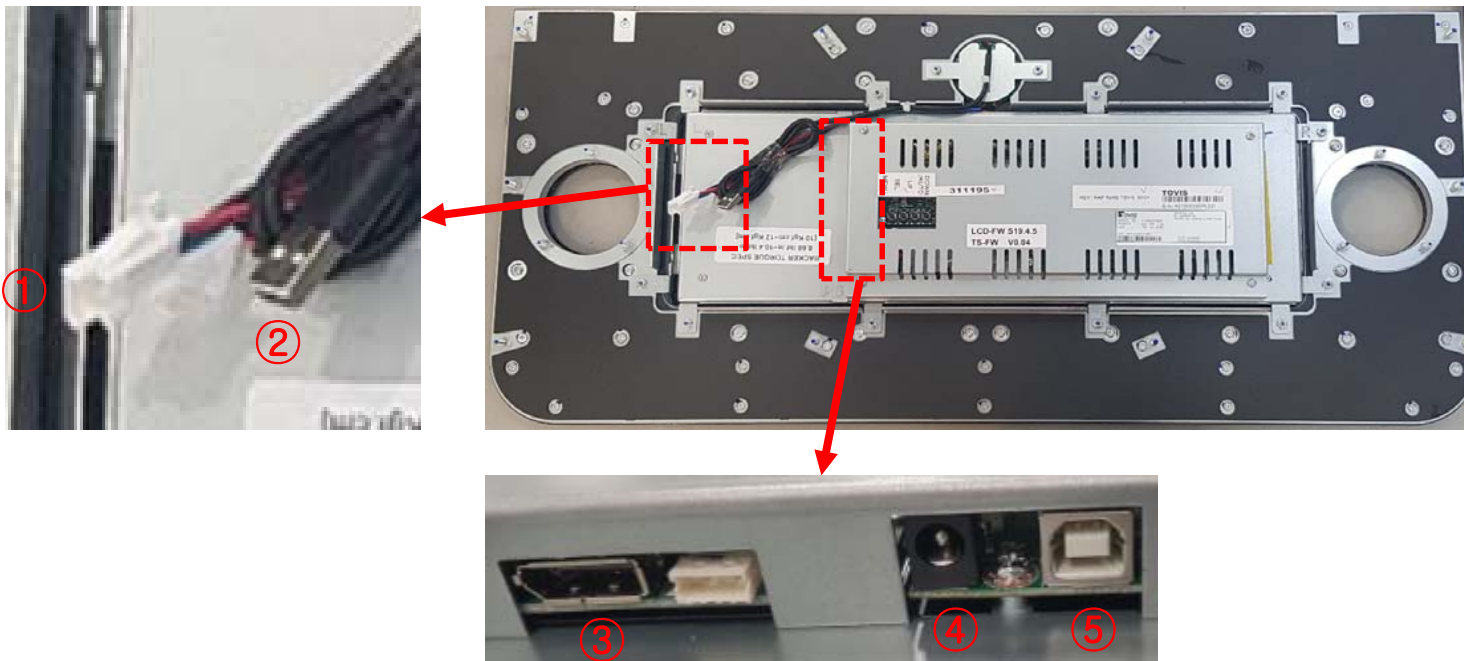
c. Power

Requirement	Notes
Power Requirement	24VDC /1A - Main Monitor 5VDC/6A - LED LIGHTING 5VDC/2A - WIRELESS CHARGER
Max Power	24W 30W 10W
Voltage Range	24V $\pm$ 10 % (21.6 to 26.4VDC) 5V $\pm$ 10 % (4.5 to 5.5VDC)

d. Support resolution

Display Timing		Pixel Freq.	Timing							Support
			Sync Freq.	Total	Display	Sync Width	Back Porch	Front Porch	Sync Pol	D P
			(MHz)	(kHz)	(pixel)	(pixel)	(pixel)	(pixel)		
640x480-60Hz-VESA-DMT	H	25.175	31.469	800	640	96	48	16	N	O
	V		59.941	525	480	2	33	10	N	
800x600-60Hz-VESA-DMT	H	40.000	37.879	1056	800	128	88	40	P	O
	V		60.317	628	600	4	23	1	P	
1280x800-60Hz-VESA-CVT	H	83.499	49.702	1680	1280	128	200	72	N	O
	V		59.810	831	800	6	22	3	P	
1280x266-60Hz-KONAMI	H	36.000	24.000	1500	1280	100	100	20	N	O
	V		60.000	400	266	20	54	60	N	
1280x240-60Hz-KONAMI	H	34.560	23.040	1500	1280	100	100	20	N	O
	V		60.000	384	240	30	54	60	N	
1280x342-60Hz-KONAMI	H	31.000	21.528	1,440	1,280	32	80	48	P	O
	V		59.634	361	342	10	6	3	N	

4. How to connect_1



No	Part name	Description
1	PALR-04V	LED control port
2	USB A type male	Wireless Charger Power
3	PD port	Video input
4	DC-005	Monitor power 24V
5	USB B type female	Touch control port

4. How to connect_2

- a. Connect the EGM of the game cabinet and the LED control port.
- b. Connect the EGM of the game cabinet and the Wireless Charger Power.
- c. Connect the EGM of the game cabinet and the Touch control port.
- d. Connect the EGM and PD ports of the game cabinet.
- e. Connect 24V power to the product.



FCC Instructions

FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

Contains FCC ID : 2A2GT-PTM-520K