

User Manual

PRD10680 – MONITOR TFT 15.6” CEILING MOUNTING FASTON ACT1501 G2 FNI



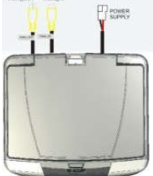


General Description


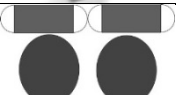


Specifically designed for automotive applications, the 15.6” LCD monitor has the most advanced technology when it comes to image. Its high resolution and wide viewing angle, allied with LED backlight cutting edge technology, are differentials in this product.

Features

- 15.6” High resolution active matrix LCD;
- LCD panel with manual opening up to 110 degrees
- LED backlight system;
- Auto ON/OFF in presence/absence of video signal or closed panel;
- Overcurrent and overvoltage protection
- Inverted power supply protection
- Compact and innovative design;
- Easy to install on every automotive video system;

Parts

Image	Description	Quantity
	Monitor	1
	Metal support ceiling mount	1
	ST4.2x16 (Support screw)	10

	CM 4x8 (Monitor screw)	8
	Adhesive foam	8
	M5x40 screw	4
	Rubber sealing monitor frame	1

Technical Data

PARAMETER	MIN	TYP	MAX	UNIT
Supply voltage range	18	24	32	Vdc
Power consumption (operation)	-	10	12	W
Power consumption (standby)	-	0.4	0.6	W
Luminance	-	220	-	cd/m ²
Contrast Ratio	-	650	-	
Viewing angle (horizontal)	± 40			°
Viewing angle (vertical)	40 (inf) 15 (sup)			°
Operating temperature range	0	-	50	°C
Storage temperature range	-20	-	60	°C
Humidity (operation and storage)	10	-	90	%RH
Video System	PAL / NSTC			
Video Input signal	CVBS / 1.0Vpp @ 75ohm			
Aspect Ratio	16:9			
Screen resolution	1.366 X 768			pixels
Pixel Pitch	252 X 252			µm
Number of colors	262,144 colors			
Weight	3,2			Kg
Life Time	15.000			h

Connector Details



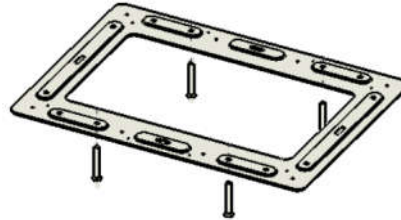
Installation



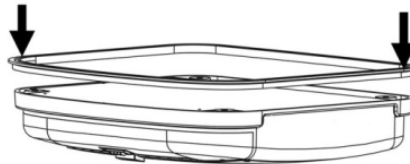
Warning

- Check the voltage range of system. It should be between 18 to 32 Vdc.
- Be careful with short circuit. Remove the key ignition switch and disconnect the battery terminals.

1. Install the ceiling support with ST4.2x16 (Support screw).



2. Install the rubber sealing frame



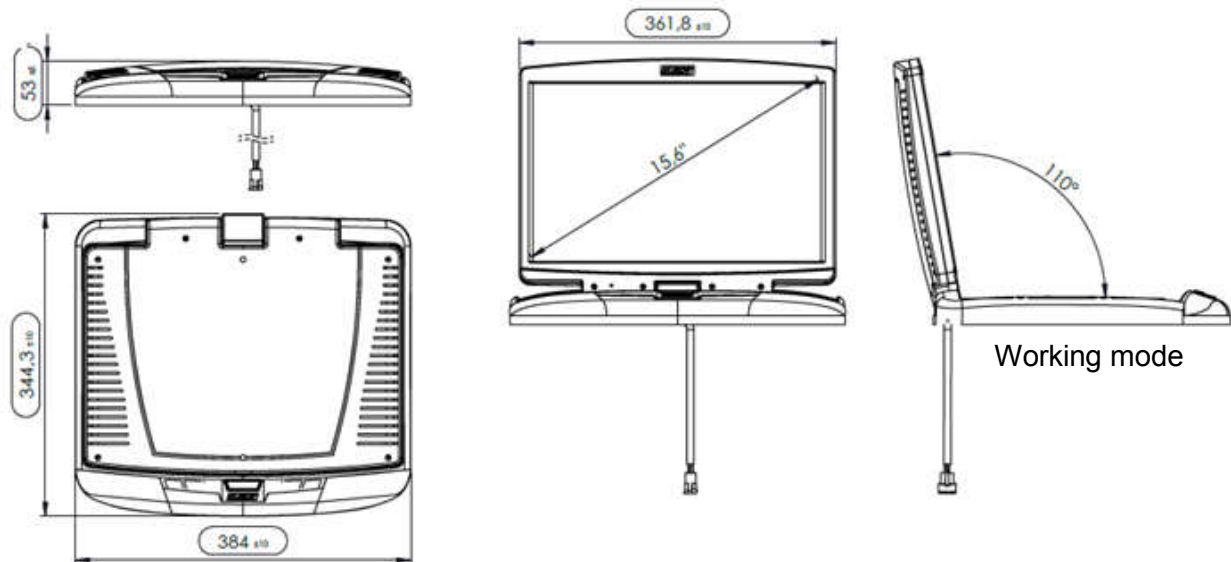
3. Put the power and signal cables through the vehicle's roof opening;
4. Connect the power cable (input and output);
5. Connect the video cable (input and output);
6. Install the monitor with CM 4x8 (Monitor screw);



7. Connect the battery terminals.

Outline Dimensions and Visualization

(Dimensions in millimeters)



Warning

- Be careful. The maximum angle opening of LCD panel is 175 degrees. Press OPEN button for unlock panel;
- Close the LCD panel;
- Manually close until you hear the full closing.

