



TESTMON351-UL

3.5" TFT VIDEO / AUDIO & CABLE TESTER

USER'S MANUAL

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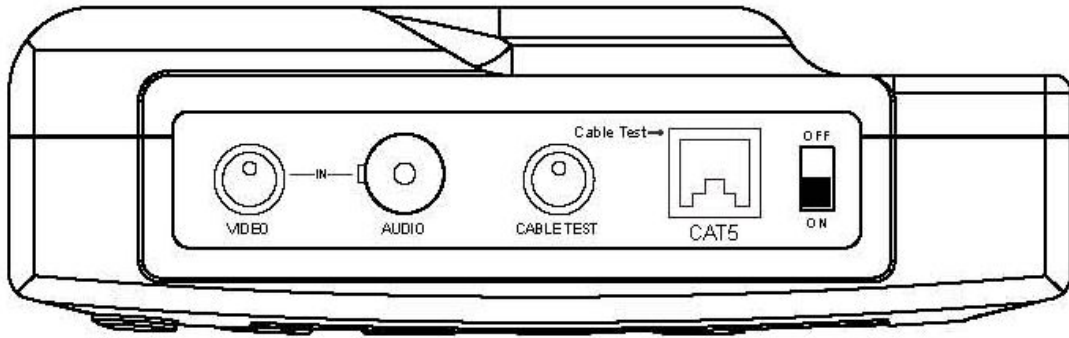
1. Purpose:

This product can receive the standard NTSC/PAL signal and measure the coaxial cable and CAT.5 quality to display on the 3.5" TFT – LCD

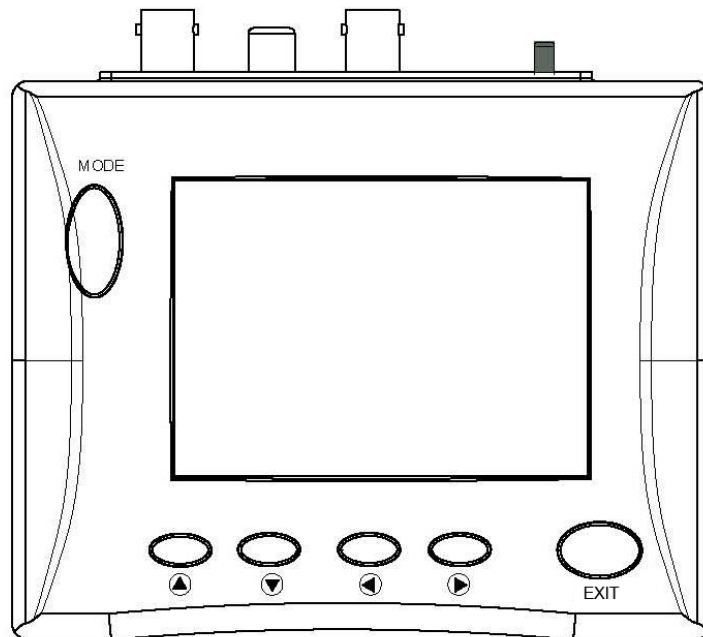
2. System specification:

Item	Specification
Panel Size	3.5 INCH DIAGONAL COLOR TFT
Resolution	480(H)x234(H) Dot
Active Area	72.00(W)x50.544(H)mm
Dot Pitch	0.150(H)x0.216(V)mm
Pixel Configuration	R.G.B.Delta
View Angle	Top=10deg., Bottom=30deg., Left=40deg., Right=40.,
Panel Dimension	83(W)x60.5(H)x3.2(D)mm
Back Light	LED 6 Type
Video Input	NTSC Composite Signal Input(H=15.734KHZ \pm 0.1KHz V=60Hz \pm 1%)
Video Input	PAL Composite Signal Input(H=15.625KHZ \pm 0.1KHz V=50Hz \pm 1%)
Video Type	1.0Vp-p/75 Ω
Video System	NTSC / PAL auto switch
Input Source	Built in 1 BNC connector for CVBS in and 1 RCA connector for Audio in
Input Voltage	DC12V REGULATOR
Power Consumption	NORMAL : DC12V, 170mA (2W) CHARGE : DC12V, 1A (12W)
Speaker Output	1 AUDIO CHANEL (SP OUT 1W MAX)
Working Time	6hr
Charge Time	5hr
Low Voltage Triggering	10.7 V
System Cut off Voltage	9.3 V
Keypad Control	6 KEY (MODE / UP/ DOWN / LEFT / RIGHT / EXIT KEY)
Operation	Operating Temperature 0°C~50°C
	Storage Temperature -25°C~80°C
Weight	320g

3. Product Outlook:



TOP VIEW



FRONT PANEL

Product Outlook

4 Key pad description:

Key name	Function
MODE	Function select (Camera OSD control 、 Coaxial tester 、 CAT.5 tester)
UP	Volume increase \ Item select
DOWN	Volume decrease \ Item select
LEFT	Screen mirror \ Value decrease
RIGHT	Screen upside-down \ Value increase
EXIT	Withdraw setting

Keypad definition

5 Function items and description

FUNCTION ITEM		Description
CONTRAST	0 ~ 100	Adjust contrast value from 0~100
BRIGHTNESS	0 ~ 100	Adjust brightness value from 0~100
COLOR	0 ~ 100	Adjust color value from 0~100
TINT	0 ~ 100	Adjust tint value from 0~100

1. If you do not push the function button over 15 seconds , the display will disappear
2. All the functions value could be memorize after power off.
3. Press EXIT key to withdraw from the mode

6 OSD function items and description

1. This function is only support OSD control camera. Please refer to the camera user's manual.
2. All of the function keys as below will show on the camera user's manual.

▲ UP ▼ DN ◀ RTN ▶ ETR/MNU

7 Coaxial cable test function

1. Press the MODE till the coaxial appear, 3 status will show on the screen when you connect the cable with terminal.
2. Press EXIT key to withdraw from the mode.

ITEM	VALUE	CABLE QUALITY
1	0~30Ω	SHORT
2	30~150Ω	GOOD
3	150Ω~∞	OPEN

8 CAT.5 cable test function

ITEM	CABLE QUALITY	DESCRIPTION
1	OPEN	Open loop will appear.
2	SHORT	Wire short in same pair will appear
3	OK	All of the RJ45 pins correct.
4	REVERSE	When 2 wires in the same pair opposite will appear
5	ERROR	Any wire of different pairs short will appear.

1. it can only test the 568B type connection.
2. Press the MODE till the CAT.5 pair indication appear, 5 status will show on the screen when you connect the CAT.5 cable with terminal.
3. Press EXIT key to withdraw from the mode.