8’’ Touch-Screen VGA Monitor

ikan

User’s Manual

VT8000

Dear Customers

Thank you for purchasing the ikan VT8000 8” Touchscreen VGA Monitor. The 8” VGA Monitor is a small versatile LCD monitor that hasVGA capabilities. It also includes video inputs allowing it to perform double duty as a video monitor. Using the Touch screen feature you could use this as a interactive display in a kiosk or other display. You can also use it as a second VGA display with your laptop or powerbook for field editing.

To insure best use of this unit, please read
this user’s manual carefully before hand.

Important Safeguards and Precautions

1. Do not remove the rear panel of this product. If in need of service please call a qualified technician.

2. Do not insert anything into the unit. Keep away from children.

3. Avoid direct light to maintain the clearest and most colorful picture.

4. Avoid heavy impacts, do not drop as this may damage the display.

5. Do not use chemical solutions to clean this product. Simply wipe with a clean soft cloth to keep the brightness of the surface.

When not in use for long periods disconnect
power and antenna cable as a safety precaution.

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Appearance

Figure 1. (VT8000)

1. POWER BUTTON: on / off / stand by
2. PC / AV BUTTON: VGA AV
3. “>” BUTTON: menu selection horizontal image reverse in video state
4. MENU BUTTON: Activate OSD menu by using “<” or “>”
5. “<” BUTTON: menu selection (when in VGA mode), the phase position will adjust automatically vertical image reverse in video state
6. VOLUME - : (in OSD menu)
7. VOLUME +:(in OSD menu)

8 INFRARED RECEIVER

The buttons are backlit for several seconds when any button is pressed. The lights will turn off automatically

Appearance

Figure 2. (VT8000-2)

SIDE PANEL JACKS:

1. DC INPUT: DC12V
2. COMBINE INPUT: including VGA, video1, video2, audio, DC12V in and S Video
3. Stylus pen for touch screen

REMOTE CONTROL:

1. ON / OFF BUTTON
2. MUTE
3. DISPLAY INPUT MODE
4. ACTIVATING OSD MENU
5. VOLUME - (IN OSD MODE)
6. VOLUME +(IN OSD MODE)
7. MENU SELECTION
8. MENU SELECTION
9. INPUT MODE SWITCH
10. IMAGE REVERSE

Operation

1. POWER ON/OFF/STANDBY:

Always use the enclosed power supply.
After connecting the power, the monitor will be in at standby mode. Press the "pow" button on the monitor or the "power" button on the remote control.to turn on the monitor. Press the same button again, the monitor will return to its standby mode.

2. MAIN MENU(From left to right):

Auto adjustment; display position adjustment; image adjustment; osd adjust ment; other setting; video adjustment; menu exit. After connecting, press the "menu" button on the unit or remote control. The "main menu" will appear on the screen. Use the button"◀" (move to the left) "▶" (move to the right) on the unit or "▲/▼" on the remote control to choose a setting then press the "menu" button again to confirm. For the sub menu, you can use the volume ▲/▼ on the unit or ◀/▶ on the remote
remote control for adjustments. To return to the main menu, please choose "exit", then confirm by pressing "menu" button again.

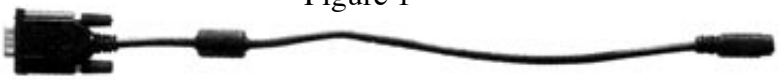
3. OSD ADJUSTMENT (MENU POSITION ADJUSTMENT):

The users can adjust the position of menu display.
Choose OSD in the main menu, in the sub menu,
then use ◀/▶ for the horizontal adjustment;
Similarily, is for the vertical adjustments.

4. SELECTION OF INPUT SIGNAL :

The unit is provided with VGA jack and AV1 and AV2 input signal. Therefore it could be used along with a computer, monitor camera system as well as a DVD player. To work as a computer display, input the PC signal into the VGA jack. then press the "PC/ AV" button on the front panel. (see figure I)

Figure 1



Operation

When the unit is connected to a camera or DVD player, you can plug the AV cable (enclosed) into the AV input jack, then connect the cable terminal to the external AV signal (See figure 2). The black end connects to the DC 12V power, the red end to video 1, the yellow end to video 2 and the white one to audio. Press the "PC/ AV" button on the front panel to switch from video1 to video2.

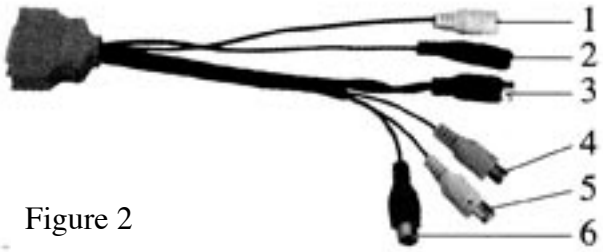


Figure 2

1. S-video input
2. Power input
3. PC(VGA)
4. C-Video 1
5. C-Video 2
6. Audio input

5. MENU DESCRIPTION UNDER PC MODE:

Please see (2. menu operation) for the specific method of menu operation. Menu contents (from 1 to 3) are as folows:
The first three items in the main menu are specifically for PC mode. Please refer to the details below:

(1) AUTOMATIC(from left to right): position. plus, exit

(2) DISPLAY POSITION(from left to right): horizontal, vertical, phase, frequency and current input message, exit

(3) IMAGE ADJUSTMENTS(from left to right):
contrast, brightness, RGB, exit

Operation

6. ANALOG VOLUME ADJUSTMENT UNDER AV MODE "VIDEO"

This option is only available under A/V mode. See the description below: From left to right: brightness, contrast, hue, color, display the signal of the current A/V input, exit.

When the unit mode is: A/VI or A/V2, you can relect from the main menu for the adjustment as below:

(1) A specific option from the main menu, confirm by pressing "menu" ; then enter the next layer menu.

(2) Using the ◀/▶ button on the front panel or ▲/▼ on the remote controller to choose the required item to be adjusted.

(3) press ▲/▼ on the unit or ◀/▶ on the remote controller for adjustment.

(4) Use ◀/▶ or ▲/▼ to exit, then confirm by pressing the "menu" button on the front panel.

7. OTHER SETTING:

From left to right: Each item is: volume, mute, language, default setting, input selection and exit menu.

Choose "MISC" from the main menu, through which you can go into some detailed settings such as: volume, mute and input signals. You can also choose language from the menu (example below):

(1) Press button "other setting", confirm by pressing the "menu" button, and then enter the sub menu.

(2) Press the◀/▶ button on the front panel or ▲/▼ on the remote controller to select the "language" option.

(3) Press◀/▶ button on the unit or ▲/▼ on the remote controller to change language.

(4) to change other settings, you can simply repeat the steps above.

Main Specifications

Model	VT8000
Display Screen	TFT LCD 921600 Pixels
Color System	PAL-4.43; NTSC-3.58
Audio Output	100mW
Power Consumption	10 Watts
Input Voltage	DC 11V-13V
Size	8.11”(L) X 6.41”(H) X 1.55”(W) inches
Weight	1.05 lbs

Accessories

Included

-Remote Control	1 piece
-A/V Cable	1 piece
-VGA Cable	1 piece
-AC Adapter	1 piece
-DC 12V Car Power cord	1 piece
-Mounting Bracket	1 piece
-Drivers CD	1 piece
-User’s Manual	1 piece

Optional

-10 cell AA battery box	1 piece
-10 cell AA battery box w/ batteries & charger	1 piece
-Lithium Ion Battery pack w/charger (6 hour)	1 piece

Input Modes

Material Input Resolution	horizontal Fre (KHz)	Vertical Fre (Hz)	Pixel Fre (MHz)	Remark
640 X 400	70HZ,N	31.4KHZ,P	848 X 480	85HZ,P	43.0KHZ,N
720 X 350	70HZ,N	31.5KHZ,P	*800 X 600	60HZ	37.9KHZ
720 X 400	70HZ,P	31.5KHZ,N	800 X 600	70HZ	43.8KHZ
*640 X 480	60HZ	31.4KHZ	800 X 600	72HZ	48.1KHZ
640 X 480	70HZ	34.9KHZ	800 X 600	75HZ	46.9KHZ
640 X 480	72HZ	37.9KHZ	800 X 600	85HZ	53.7KHZ
640 X 480	75HZ	37.5KHZ	1024 X 768	60HZ,N	48.4KHZ,N
640 X 480	85HZ	43.3KHZ	1024 X 768	70HZ,N	56.5KHZ,N
848 X 480	70HZ,P	35.1KHZ,N	1024 X 768	72HZ,P	57.7KHZ,N
848 X 480	72HZ,P	36.0KHZ,N	1024 X 768	75HZ	60.0KHZ
848 X 480	75HZ,P	37.7KHZ,N	1024 X 768	85HZ	68.7KHZ

Trouble Shooting

Before sending the unit for service, make sure to do the following simple checks.

1. UNDER THE TV / AV MODE:

Case (condition)	Countermeasures
Black & white picture	The color saturation, contrast and brightness are not properly tuned, adjust them in “image mode”
No picture	Check power input and connections (if working indicator light will be on)
Remote control doesn’t work, check if the battery is installed properly	Low battery Remote signal is obstructed Battery is not installed properly

Trouble Shooting

2. UNDER THE PC MODE:

(1) Image unstable
Press and retain for one second for automatic adjustment.
Follow the menu instruction to adjust manually.
Choose correct refresh rate and different aspect ratio.

(2) Check if theVGA cable is connected properly, and that there are no pins in the VGA jack bent or broken. If so replace the cable.

(3) No image appears .
When the red light is on, press the “power” button again, the word “no signal” will appear on the screen. Please turn on your PC at this moment. If “over range” appears, please reset the refresh rate.

When the red lamp is on, press any key of the pc or press power button of the display.

When the indicator light is off, please check the power connection.

(4) No clear image, dithered picture:
Please choose the proper resolution and refresh rate.

(5) If there are still some problems, please refer to the distributor.

Contact Information

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