DSE
OWNER'S MANUAL

Product description

The LCD monitor ML Series monitors
TFT expressly
made for applications of
video surveillance. allow
playing
the digital video signal (VGA) and analog (BNC - S-Video).
To ensure the highest fidelity

in the reproduction of analog signals all monitors ML series from 10 "using a control chip in 3D Mstar.

Package Contents

○ Monitor table-top power supply 220VAC / 12VDC BNC
○ cable for video connection
○

rear connections

From left to right:

○ VIDEO 2 / VIDEO 3 - 2 BNC analog video inputs to connect cameras and devices with composite video output such as a VCR, quad, cyclic etc. If the connecting cable has RCA connector requires a BNC / RCA adapter

○ POWER IN - Power connector to which connect the 12VDC power supply provided

○ VGA - VGA input for connecting the video card of a PC

○ PC-AUDIO - PC audio input. This mini jack allows you to connect the PC audio output. This audio program is reproduced only if you select the VGA input display.

○ VIDEO 1 - S-Video input for connecting video devices that use this type of television standard.
○ AUDIO L / R AUDIO - RCA (L / R) for connect an audio input signal. This audio signal is reproduced only if you select the display of an analog (S-Video or BNC)

Connect the incoming video signal

The monitor allows you to connect to video inputs
devices for closed circuit TV (BNC), television devices (S-Video) and personal computer (VGA).

For use with PC Use the following best resolutions: 10 ": 800x600 15": 1024x768 17 "-19": 1280x1024

Through the panel of the monitor, by pressing the AUTO button, you can choose the video input to display, so you can connect multiple video sources simultaneously and select them at will (in sequence PC-S-Video-Video 2-Movie3

Push-button controls

○ AUTO Button - By pressing the button you have the option to choose the video input. To activate it, press the UP / DOWN button or + / -.

○ MENU button - allows access to the programming menu. When the menu is displayed on-screen button that performs the output function (ESC) through the menu options.

○ Button UP / + or DOWN / -e: If the MENU is displayed on the screen These buttons are used to adjust the speaker volume. Pressing before the AUTO key are used to select the video input. With the programming MENU activated these buttons are used to change the value of the selected parameters.

○ POWER button - turning on and turning off the monitor.

Access to the programming menu

to press the MENU button to access the
programming. Press the +/- buttons
to choose Page
programming.
AUTO Press to enter a page and navigate through the available options.

Press +/- to change the value of the parameters. Press MENU to exit the programming page is definitively leaves the menu waiting several seconds without touching the control buttons or by pressing the MENU button.

The programming menu is different depending on whether you are accessing having selected an analog input or VGA input. Depending on some adjustments monitor model may not be available.

analog video mode menu (BNC / S-Video)

The configuration menu consists of 5 sections in the display if you have a video input BNC or S-Video.
○ Adjustment Adjustment PICTURE
○ SOUND SYSTEM Adjustments
○ Adjustments Adjustments PIP
○ ADVANCE
○

PICTURE Menu

They are adjusted using the +/- keys the following parameters that affect the picture displayed:

○ CONTRAST - BRIGHTNESS contrast adjustment - brightness adjustment HUE -
○ SATURATION tone adjustment - saturation adjustment SHARPNESS colors - definition
○ image adjustment COLOR TEMP • adjusting the white balance. (Normal, Warm, Cool) the
○ SCALE • It offers the possibility of
○
○

○ scale back
the original image. The options are: Normal, Panorama, 14: 9, Full (full screen), Zoom, Zoom 2. PICTURE MODE • standard, dynamic, soft, use 3D NR • low, mid, high, off MPEG NR • low, high, off
○
○
○

SOUND Menu

You set the following functions related to audio playback:

○ Equalizer. • Access to the setting of high and low EQ. The following ranges are available
Frequency: 120 Hz, 500 Hz, 1.5K HZ, HZ 5K, 10K HZ

○ BALANCE • channels balance of L / R SOUND MODE • Allows you to choose the sound
○ mode depending on the signal to be played: user, standard, movie, music

○ AVC • on, off SURROUND • on, off
○

Menu SYSTEM

You set the display options of the programming menu:

○ OSD LANGUAGE - Select the language of the programming menu (English default)

○ OSD H-POSITION - To move the horizontal menu window

OWNER'S MANUAL

○ OSD V-POSITION - To move the vertical menu window (NO IN ML-10)

○ OSD DURATION - out time as the automatic in the absence of command menu

○ OSD Halftone - To show the transparency menu

○ MEM-RECALL - Return to factory settings.

ADVANCE Menu

It regulates the AUTO-OFF device.

○ SLEEP TIMER • OFF, 15min, 30min, 45min, 60min

PIP Menu

It sets the simultaneous display of two video inputs on the monitor. There are 2 modes: PIP: You will see a small window in over POP impressions: The screen is divided into 2 parts vertically. To program this function is necessary to access the menu having the full-screen image you want to main (analog input or VGA input)

○ muliti WINDOW • PIP, POP, OFF E 'can choose whether to activate the multivisioe and in what mode.

METHOD 'PIP: you   set displays a
additional window which shows the image of the input video in a pane.

 1. SUB SOURCE • select the video input that you
   to be displayed in the pane
 2. SIZE • size of the box: small, large,
   middle
 3. PIP position • Position of   box
   (Up / Down / Left / Right): Top (L / R), bottom (L / R)

 4. BORDER COLOR • Outline color of
   box: black, blue
 5. SOUND SOURCE • It defines which audio input
   plays (main frame or window): main, sub

 6. SWAP • inverts the display MODE 'POP: you
      sets the display
screen divided into two parts which show the image of two different video inputs. The available options are:
 1. SUB SOURCE • like above
 2. BORDER COLOR • like above
 3. SOUND SOURCE • like above
 4. SWAP • like above
NOTE: You can not set the multivision between two analog channels but only between an analog and VGA input channel.

Menu in VGA mode

If you press the menu button during VGA input display, again, the same old options with some variations.

The PICTURE menu becomes PC menu is available and another GEOMETRY panel that allows adjusting the display. All other panels are unaffected.

PC Menu

They are adjusted using the +/- keys the following parameters:

○ CONTRAST BRIGHTNESS COLOR TEMP • normal, warm, cool SCALE • normal, panorma,
○ 14: 9, Full, Zoom, zoom 2 AUTO • you have the automatic adjustment of the PICTURE
○ MODE display • standard, dynamic, soft, use
○
○

○

GEOMETRY Menu

You are adjusted using the +/- buttons (0 to 100), the following parameters of the VGA display to be consistent with the PC video card ::

○ H-POSITION
○ V-POSITION CLOCK
○ PHASE
○

CE