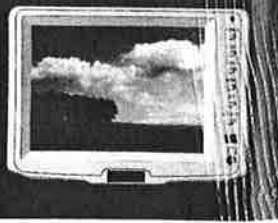


# LCD Color Monitor User's manual



## 1. Precautions

### 1. Storage

- 1) Keep this product away from extremely hot or cold places. The storage temperature ranges from -40°C to 60°C and the working temperature from -5°C to 40°C.
- 2) Do not use this product at damp environment like bathtubs, wash basins, kitchens, washtubs, as well as basements, swimming pools or similar places.
- 3) Do not expose this unit to high humidity, dust or oil smoke.
- 4) Do not throw or drop this product.
- 5) Do not subject this device to the inside of a case or strong vibrations, avoiding strong collision.
- 6) Do not push on or scrub this product with sharp objects.

### 2. Maintenance

- 1) Disconnect all cables of this device at first before cleaning.
- 2) Wipe the enclosure, screen and keys using soft cloth with a little soft detergent on.
- 3) Do not use polishing cloth, abstergent, and all types of propellants or chemical detergents like alcohol and benzene to clean your device.

### Warning!

- 1) For the sake of safety for yourself and others, please don't watch or turn on the monitor during driving.
- 2) It is very dangerous to watch or operate the monitor while driving.

### Special Notice

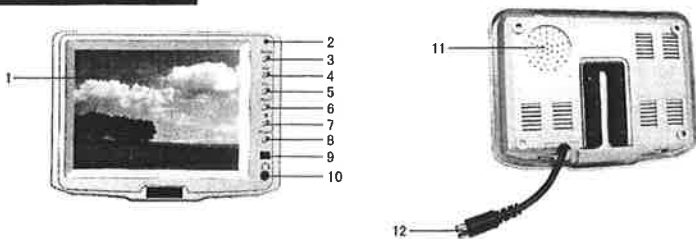
Bright spots or dark spots may appear on the screen. This is a normal phenomenon associated with the active matrix display technology and is not a sign of malfunction. Do not attempt to maintain. For any failures, please turn off the unit immediately and contact us or local dealer. This device integrates a great deal of fine electronic components. Disassembly or alternation may result in damages or breaks.

## 2. Accessories

Open the package and make sure all the accessories are included.

- |  |                   |
|--|-------------------|
| 1. AV and power supply conversion line | 3. Release slip   |
| 2. Car adapter                         | 4. Remote control |

## 3. Appearance



- |   |   |
|---|---|
| 1. TFT-LCD screen                               | 7. Option ↓                                       |
| 2. Power indicator                              | 8. AV1/AV2 shift                                  |
| 3. Standby/Exit game                            | 9. Remote receiving window                        |
| 4. Volume increase, analog quantity selection+  | 10. Earphone Jack                                 |
| 5. Volume decrease, analog quantity selection - | 11. Loudspeaker                                   |
| 6. Menu   | 12. Audio/Video/Power supply /Connection terminal |

## 4. Remote Control Operation

- VOL - / + (Volume adjust):  
Press VOL - , the volume of Display decreases.  
Press VOL + , the volume of Display increases.
- MODE (Mode): Press this button, users can realize the five picture statuses of Standard, Soft, Vivid, light and Personal.
- POWER (Standby/Exit game): Press this button to switch from "Standby" mode and "ON". while playing game, press to exit playing.
- MUTE (Mute): Press this button, sound disappears, press it again or VOL+ to resume normal sound.
- CALL (Call): Press this to display current locating signal channel condition.
- TIMER: Time setup of sleep off, it is used to set the time off within 120 minutes.
- LANG: Press to switch multi-language OSD menu such as English, German, French, Spanish, Italian and Russian etc.
- CALE: Press this button to show Year, Month, Day and Week. Press CH-/CH+ to adjust the Year, press VOL-/VOL+ to adjust the Month.
- AV: Press to shift AV mode.
- ⇌ : Press this button to flip the picture horizontally.
- ⇕ : Press this button to flip the picture vertically.

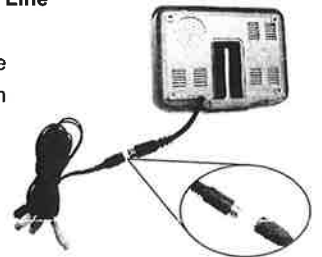
## 5. Basic Operation Methods

### Basic interface connection

#### 5.1 Connection Method of AV Conversion Line

Hold the AV conversion line, align the side of jack marked with ⇔ on conversion line with the side of jack marked with ⇔ on AV conversion line of the monitor

- ① Yellow line for Video 1 input
- ② Red line for Video 2 input
- ③ White line for Audio input
- ④ In-socket power supply 12V input +-)-
- ⑤ Single black wire connects to positive current of reversing light).

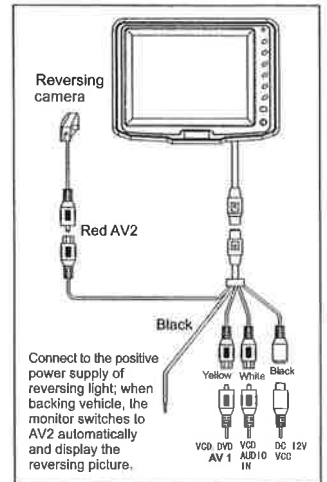


#### 5.2 Back car rear view connect fig.

While backing car, system automatically select AV2. Then return to normal playback after backing car.

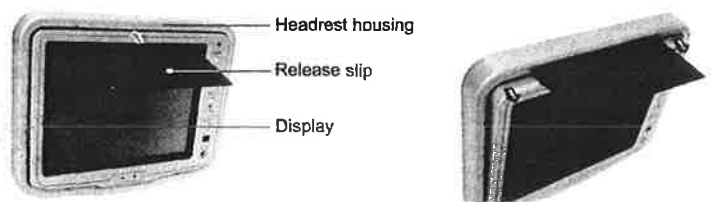
#### Notice:

When backing car, if the black single wire connects to the positive pole of reversing light, the monitor switches to Av2 automatically and displays the rear vision.



#### 5.3 Releasing the display from headrest housing:

- 1) Insert the release slip into the space between the display and headrest housing, as illustrated.
- 2) Draw out the display following releasing direction.



## 6. Menu Operation

Press MENU to display program as follows:

PICTURE      SYSTEM      OPTION      CLOCK

### 6.1 PICTURE

CONTRAST, BRIGHT, COLOR, SHARP and TINT displays on the screen as below description:

Press CH▲ or CH▼ to select the item, Press VOL- or VOL+ to adjust.

**Notes:** Only when displaying the picture of NTSC system, it will show the character of TINT in the Picture menu.

### 6.2 SYSTEM

INPUT, COLOR-SYS, LANGUAGE and GAME displays on the screen as below description:

6.2.1. Press CH▲ or CH▼ to select the item INPUT:

Then press VOL- or VOL+ to shift the picture from AV1 to AV2 or vice versa.

6.2.2. Press CH▲ or CH▼ to select COLOR-SYS:

Then press VOL- or VOL+ to revolve the screen in the order of AUTO, PAL, NTSC. Please choose carefully this system correctly. Otherwise, it may cause achromatic or inferior color. It is recommended to select on AUTO position.

6.2.3. Press CH▲ or CH▼ to select the item LANGUAGE:

Press VOL- or VOL+ can realize selection of ENGLISH, GERMAN, FRENCH, SPANISH, ITALIAN and RUSSIAN etc OSD menu language.

6.2.4. Press CH▲ or CH▼ to select the item GAME:

Press VOL- or VOL+ on remote controller to enter into GAME, press VOL- to move leftward, VOL+ to rightward, CH▼ to quick downward, and CH▲ to rotate the game by 360 degrees, press POWER to exit game and resume to picture status.

**Note:** The user can play game only by remote control.

### 6.3 OPTION

HORIZONTAL and VERTICAL displays on the screen as below description:

6.3.1. Press CH▲ or CH▼ to choose the item HORIZONTAL:

Press VOL- or VOL+ can realize HORIZONTAL, press again to resume the picture.

6.3.2. Press CH▲ or CH▼ to choose the item VERTICAL:

Press VOL- or VOL+ can realize VERTICAL, press again to resume the picture.

### 6.4 CLOCK

TIME, ON- TIME, OFF -TIME and ATTENTION displays on the screen as below description: Press VOL- or VOL+ to setup TIME.

Upon setup of CLOCK, press CH▲ or CH▼ again to choose ON-TIME and OFF-TIME, and press VOL- or VOL+ to adjust the time for time ON/OFF.

**Notice:** Setup the item of Time first then other item can be set. Adjustment of other items is the same as that of TIME, and setup of TIME for all items is 24 hours at the most.

## 8. Technical Parameters

**Product:** LCD Color Monitor

**Display Device:** Color TFT-LCD

**Screen Size:** 5 inches

**Resolution:** 640(H)×RGB ×480(V)

**Audio Output:** 0.8W(Max)

**Loudspeaker:** one 4.0cm round loudspeaker

**Connecting Terminal:** Earphone jack, audio / video (AV) input jack, external power supply input jack, rear vision connector.

**Application Power Supply:** Automobile storage battery (12V-24V) Automobile adapter

**Power Consumption:** Less than 5W

**Outer Dimension:** W 163mm × H 125mm × T 30.5mm

**Weight:** about 330g(Include headrest shell)

### WARNING:

- This operation instruction is only intended for reference. No further notice is available to any modification of all information contained therein. Due to continuing improvements, the features and design are subject to change without notice.
- No repairable components exist in the machine. Don't try to dismantle and improve the monitor, and the high voltage in the machine may cause danger. Maintenance and adjustment of the monitor is subject to professionals.

### WARNING:

- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable, and it shall be disconnected from the mains completely.
- The plug is used as disconnect device form the mains supply, the plug shall remain readily operable.
- The apparatus should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Danger of explosion if battery is incorrectly replaced. Replaced only with the same or equivalent type.

[  after some items in this manual means it is available with this function. ]

## 7. Before you request for repair

Phenomena below are not necessary mean failure with Display.

Please check off per following methods before you request for repair.

Phenomena	Possible Causes
No picture, no sound	Improper connection with Automobile adapter. Use of unauthorized power supply. Power Switch is on OFF position.
No picture	Check whether AV line is plugged well.
No sound	Whether audio wire is connected well, or the sound volume is turned off or till minimum.
Dark picture	Whether bright and contrast adjust correctly; Whether environment temperature too low.
No color	Whether color is well-adjusted.
Upside down or lateral inverted picture	Maybe improperly adjusted Horizontal, Vertical on the remote controller.
No backing function (i.e. Picture)	Whether the single black AV wire connecting to the positive power cord of reversing light is loose or not. Whether the connection head of red AV socket is of poor contact.