



HM-718

7" HEADREST LCD MONITOR

Headrest LCD Monitor



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WELCOME

Thank you for buying the 7" TFT-LCD HEARDREST MONITOR. Please read this manual carefully before using this monitor in order to get the most out of all the features and functions. Keep this manual in a safe place, as it can be a valuable tool in helping you to understand all the features and functions.

FEATURES

- 7-inch TFT LCD Monitor (16:9)
- Pixel (dots):1440 (W) x 234(H)
- Auto Switch PAL/NTSC
- Hard Key: PWR, SEL, √, ^
- Adjustable Brightness, Contrast, Color, IR Transmit and Volume
- OSD (On Screen Display)
- Display Mode: Full (16:9) / Normal (4:3)
- Earphone Jack for Stereo Output
- BKT-01
- 2 Video Input
- 1 Audio Input
- IR Remote Control
- 2 CH IR Transmitter

GENERAL SPECIFICATIONS

Power Source:	Car Battery (DC10.5-16V)
Operating Voltage:	DC 12V
Operating Current:	< 1A (Typical)
Operating Temperature:	-10°C to 60°C
Storage Temperature:	-20°C to 70°C
Dimensions:	L194.3 x W127 x H27.3mm

*Design and specifications are subject to change without notice.

OPERATING INSTRUCTIONS

Please read all of these instructions regarding your LCD headrest and retain them for future reference.

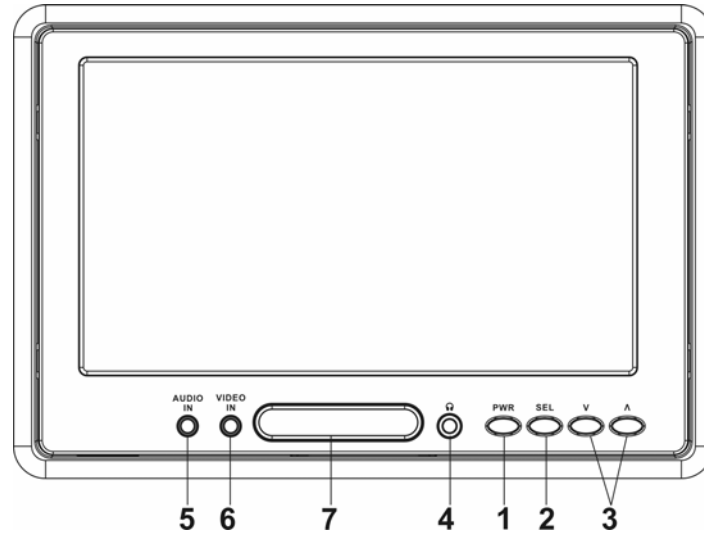
1. Read this manual fully and carefully before operating the unit.
2. Keep this manual safely for future reference.
3. Pay close attention to all warnings in this manual and follow the instructions carefully.
4. Never allow others to use the system until they have read and understood the operation instructions.

SAFETY PRECAUTIONS

1. The monitor is designed for using in DC12V, negative ground battery.
2. Do not disassemble or alter the monitor in any way. Failure to do so can cause damage to the monitor and invalidate your warranty.
3. Be careful not to run down the car battery while using the monitor with the car engine stopped.
4. Never clean the surface of the screen with chemical solvent or corrosive detergent, which may cause permanent damage to TFT LCD screen.
5. Please note that the normal working temperature of the monitor is between 0°C to 45°C. If the internal temperature of the vehicle is extremely high, a short cooling down period is necessary before operating the monitor.
6. If the inside of the car is very cold and the monitor is used soon after switch on the heater, moisture may form on the monitor. Turn off the monitor immediately! Failure to do so may cause the internal components to short. Allow the monitor to rest for about one hour to allow the condensation to disappear before continue operation.
7. In extremely cold temperatures, the movement of the picture may be slow and the picture may be dark .It is not a malfunction .The monitor will work normally once it reaches its operating temperature.
8. Small black and shiny dots inside the liquid crystal panel are normal for liquid crystal panel are normal for liquid crystal product.
9. Do not drop or hit the LCD panel with a hard object, as it may cause permanent damage to the LCD panel .If you come into contact with the fluid, do flush and clean effect areas with plenty of water and seek medical attention immediately.
10. Refer any questions to authorized dealers.

INTRODUCTION OF LCD MONITOR

CAUTION! The material of display area is made by glass with a protector film attached on it. Do not use hard or sharp objects to strike or scratch the surface of the display area. Otherwise it may cause the picture distorted or have scars forever.



- | | |
|---------------------|--------------|
| 1. PWR (⏻) | 5. AUDIO IN |
| 2. SEL Button | 6. VIDEO IN |
| 3. “∨” / “∧” Button | 7. IR Window |
| 4. Earphone Jack | |

1) Power On/Off Button ⏻

Press to turn the monitor on; Press it again, the monitor can be switched the input source between AV1 and AV2. Press and hold the button for 1.5 seconds to turn the monitor off.

2) SEL (MENU) Button

Press “SEL” button continuously, the following functions can be selected in proper sequence. Press “∨” and “∧” to change the value of the item you selected .

BRIGHTNESS: Adjust the brightness from -14(MIN) to +14(MAX).

CONTRAST: Adjust the contrast from -14(MIN) to +14(MAX).

COLOR: Adjust the color from -14(MIN) to +14(MAX).

TINT: Adjust the tint from G1 to G14 and from R1 to R14.

RESET: Reset menu to default value.

SCREEN MODE: Select screen mode(WIDE/NORMAL).

SCREEN ROTATE: Switch screen normal or reverse.

IR TRANSMIT: Switch the channel(CHNA/CHNB).

SCREEN OFF: Switch the screen on or off.

3)“√”/“^”Button

Press to adjust volume when the monitor turns on and no menu appears on the screen.
Press to change the value of items you selected in menu.

4) Earphone Jack

Connect an earphone to this earphone jack.

5) Audio In

Input an audio signal to this monitor, and press the Power button to select AV1 or AV2, then you can listen it by earphone.

6) Video In

Input a video signal to this monitor, and press the Power button to select AV1 or AV2, then you can watch it.

7) IR window

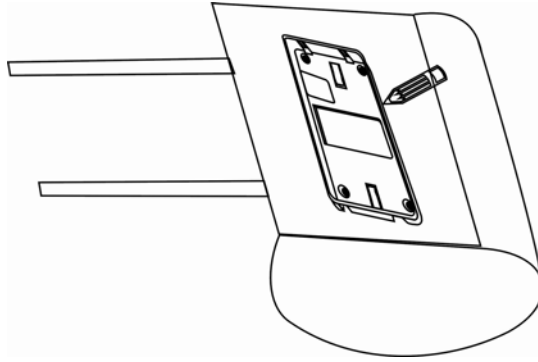
Receive the signal from the remote control.

LCD PANEL MAINTENANCE

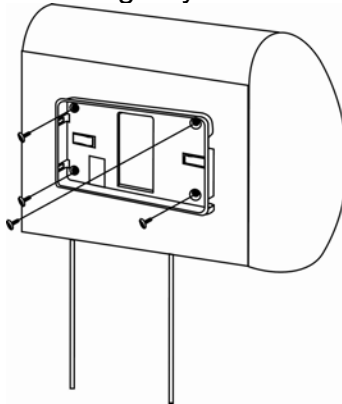
- v Wipe off any dust gently with a soft, dry cloth.
- v The surface is easily scratched; do not rub it with hard objects.
- v Do not use any chemical solvent, cleaning agent or corrosive detergent to clean away dirt on the surface of the screen.

INSTALLATION OF MONITOR AND HEADREST

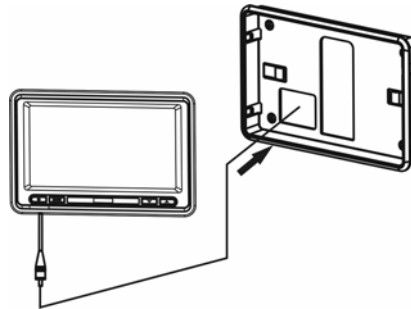
1. Remove the headrest from the vehicle for easiest installation and lay headrest on a flat surface.
2. Center the mounting tray and mark headrest material along the interior of the Mounting Tray.
3. Use the utility knife to cut the headrest material and its foam beneath the material along the marked lines to the proper dimension. Check for fitting, if it does not fit properly, you may need to remove some more foam.



4. Use 4 fixing screws and fix the mounting tray into the headrest.



5. Guide the Power/Signal cable from back side of monitor through the side opening of the Mounting Tray.



6. Insert the monitor into the Mounting Tray housing. Snap the monitor into place and make sure the monitor is stable in the Mounting Tray, otherwise it may cause breakdown of the monitor.
7. Connect one plug of 3 meters signal cable with monitor power cable, make another plug of 3 meters signal cable through the inner chair back to bottom, then remain about 30 centimeters cable inside of the chair back.



8. Installation will vary with vehicles, as headrests in vehicles are not standard.
9. This monitor is intended for installation by professional installers.

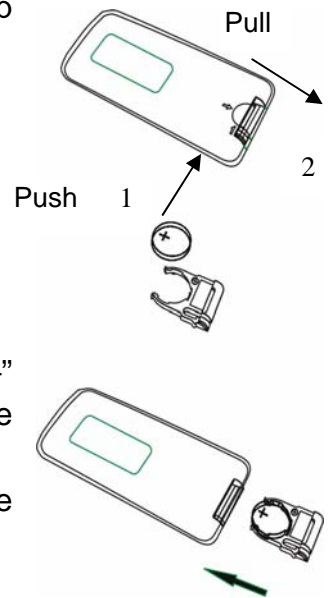
NOTES:

1. Installation will vary with vehicles, as headrests in vehicles are not standard.
2. This unit is intended for installation by professional installers only.

Battery Replacement

If the remote control does not function correctly or the operating range shortened, please replace the old battery with a new one.

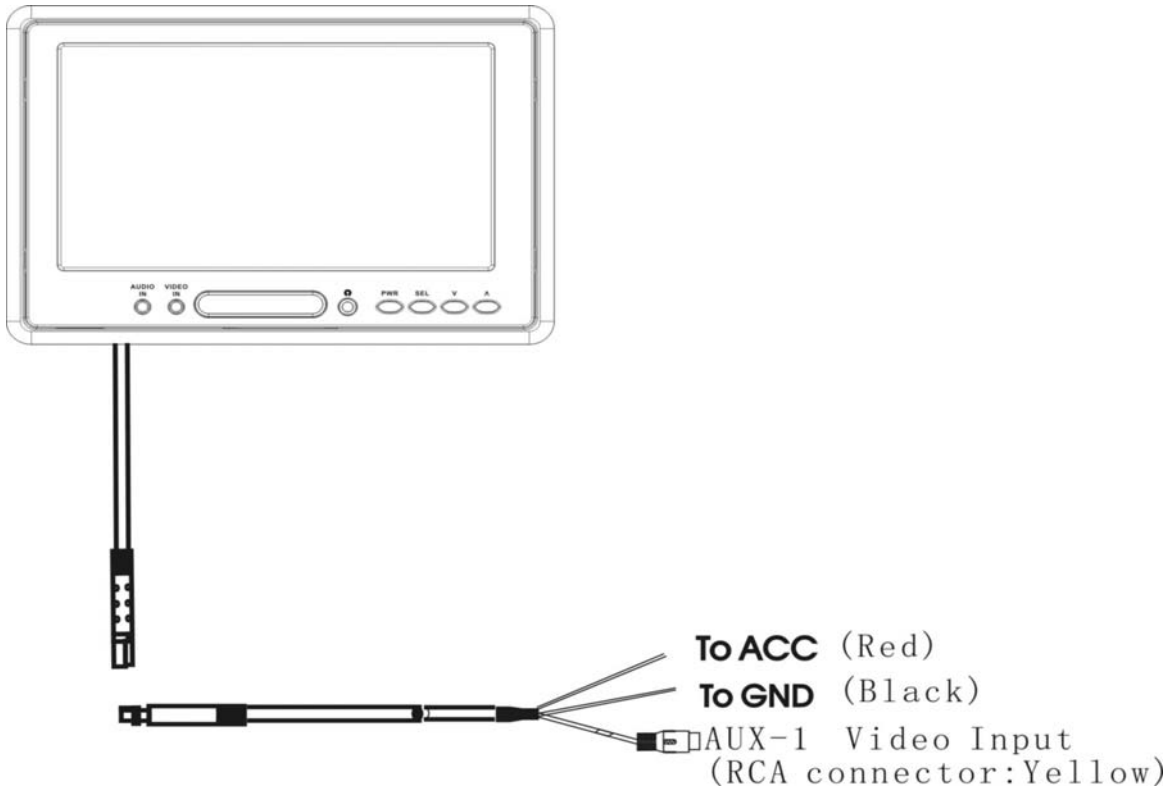
1. Press the hole on the backside of remote control with a tool and keep it as arrow 1. Pull out the battery cover as arrow 2 instructed.
2. Replace with a new battery. Place a new lithium battery with the (+) side up.
3. Push the cover back. Push back the cover until the locking sound is heard.










Notes:

1. Dispose used battery properly.
2. Do not misuse battery by shorting the positive “+” and negative “-” terminal or throw it into fire. Overheating may cause battery to explode and a fire hazard.
3. Battery and battery holder can be a choking hazard. Keep the remote control unit away from young children.

Connection Layout



PACKING LIST

Appearance	Name of Parts	Quantity
	LCD Monitor	1
	3M Signal Cable	1
	IR Remote Control & Battery	1
	Mounting Tray	1
	User's Manual	1
	BKT-01	1
	Screw PM4x8	4

Use only the contents of this package to install. Use of any accessories not provided with this monitor may result in damage to the monitor.

REMOTE CONTROL FUNCTIONS

1) Power [⏻]

]Press to turn on the monitor, Press again to turn off the monitor.

2) MENU +

Press to select kinds of adjustment items upwards.

3) - Button

Press to decrease the value of your selected item.

4) MENU -

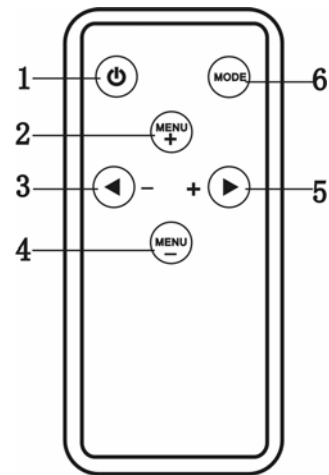
Press to select kinds of adjustment items downwards.

5) + Button

Press to decrease the value of your selected item.

6) Mode Button

Press to select input source (AV1 or AV2).



INSTALLATION PROCEDURES

1. To prevent short circuits, remove the key from the ignition and disconnected the terminal of the battery.
2. Connect the wiring harness cables in the following order: ground wire, battery wire, and ignition wire. Connect the input and output cable correctly to each unit.
3. Connect the wiring harness connector to the monitor unit.
4. Reconnect the terminal of the battery of procedure.

Notes

- a) Do not let unconnected cables or terminals touch the metal on the car or anything else conducting electricity. Besides, to prevent short circuits, do not remove the caps from unused terminals or from the ends of the unconnected cables.
- b) After the monitor unit is installed, please check whether the brake lamps, blinkers, wipers, etc...on the vehicle can work properly.

- c) Please cover unconnected cables or terminals with rubberized tape or insulators. If your vehicle's ignition does not come with an ACC position, connect the ignition cables to a power source that can be turned on and turned off with the ignition key. If you connect the ignition cable to a power source that receives a constant voltage supply, as with battery cable, the battery may be overloaded.
- d) If the fuse blows, first check whether the cables have caused a short circuit or not, then replace the old fuse with a new one of the same type.
- e) Do not let unconnected cables or terminals touch the metal on the car or anything else conducting electricity. Besides, to prevent short circuits, do not remove the caps from unused terminals or from the ends of the unconnected cables.
- f) After the monitor unit is installed, please check whether the brake lamps, blinkers, wipers, etc...on the vehicle can work properly.
- g) Please cover unconnected cables or terminals with rubberized tape or insulators.

TROUBLESHOOTING

Problem	Cause	Solution
No picture and sound when the monitor is turned on	1. Power wire is connected improperly or fuse is blown. 2. System cable isn't connected or contacts unwell.	1. Check the power wire and replace the fuse. 2. Check the system cable or replace a new one.
Blurry picture on the screen	Interfered by short-distanced strong interference(e.g. motorbike, high voltage wire, transformation station or aircraft etc...)	The reception of signal will get better immediately once leaving the interference area.
No function on the remote control (or operation distance is shortened)	1. The battery of remote control has exhausted. 2. Remote control is destroyed.	1. Change the battery. 2. Contact with the dealer and then change a new remote control.
The picture on the screen is dark.	The equipment locates at a low temperature area.	This is the character of LCD monitor in low temperature, it will restore to normal brightness after powering on the monitor for few minutes.