



MODEL HVM700
7"
16:9 Widescreen

Headrest Monitor

NON-TRANSFERABLE LIMITED ONE YEAR CONSUMER WARRANTY

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Directed Electronics (Directed) promises to the original purchaser that the new automotive video monitor and/or source unit(s) (the Product) that is purchased and installed from a Directed authorized dealer more than ninety (90) days after the purchase of a new vehicle are warranted for a period of one (1) year from date of purchase of the Product.

Directed promises to the original purchaser that all video accessories will be free from defects in materials and workmanship under normal use and condition for a period of ninety (90) days after the date of purchase. A sales receipt and/or warranty registration card is required to provide proof of date of purchase of the Product or accessories.

Should the Product be determined defective during the applicable warranty period, the defect(s) will be repaired or replaced with a new or reconditioned part(s), at Directed's option. To obtain warranty service, the Product must be returned to a Directed authorized dealer along with proof of purchase and installation.

Note: This warranty does not cover labor costs for the removal and reinstallation of the Product. **IN ORDER FOR THIS WARRANTY TO BE VALID, YOUR PRODUCT MUST BE SHIPPED WITH PROOF OF PURCHASE AND INSTALLATION BY AN AUTHORIZED DIRECTED DEALER. ALL PRODUCTS RECEIVED BY DIRECTED FOR WARRANTY REPAIR WITHOUT PROOF OF DIRECTED DEALER INSTALLATION WILL BE DENIED.**

This warranty is non-transferable and does not apply to any Product that has been modified or used in a manner contrary to its intended purpose, and does not cover damage to the Product caused by installation or removal of the Product. This warranty is **VOID** if the product has not been purchased from an authorized Directed dealer or has been damaged by accident or unreasonable use, negligence, acts of God, neglect, improper service or other causes not arising out of defect in materials or construction. This warranty does not cover the elimination of externally generated static or noise, or the correction of antenna problems or weak television reception, damage to tapes, video games, software, camcorders, discs, speakers, accessories or vehicle electrical systems, cosmetic damage or damage due to negligence, misuse, abuse, failure to follow operating instructions, accidental spills or customer applied cleaners, damage due to environmental causes such as floods, airborne fallout, chemicals, salt, hail, windstorms, lightning or extreme temperatures, damage due to accidents, road hazards, fire, theft, loss or vandalism, damage due to improper connection to equipment of another manufacturer, modification of existing equipment, use of a faulty tape cartridge or cleaning of the VCR head, or Product which has been opened or tampered with for any reason or which has been damaged due to alteration or service performed by anyone other than Directed Electronics, Inc.

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Some states do not allow limitation on how long an implied warranty lasts. In such states, the limitations or exclusions of this Limited Warranty may not apply. Some states do not allow the exclusion or limitation of incidental or consequential damages. In such states, the exclusion or limitation of this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Some states do not allow the exclusion or limitation of incidental or consequential damages. In such states, the exclusion or limitations of this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights which vary from state to state.

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Important Notes

1. Before operating your LCD Monitor system, please read these instructions carefully.
2. Retain this manual for future reference.
3. Do not use any chemical solvent, cleaning agent or corrosive detergent to clean away dirt on the surface of the screen. Doing so may cause irreversible damage to the surface of the LCD screen. To clean off dirt or fingerprints, it is recommended that a soft-damp lens-cleaning cloth be used.
4. Using spare parts from another manufacturer may cause permanent damage to the unit.
5. Avoid installing the monitor screen in a position that is exposed to direct sunlight and hot air vents.
6. Install the unit in a dry location, avoid condensation.
7. Ensure that all wiring is properly connected before operating the unit.
8. Should the LCD panel break, avoid contact with the broken glass or fluid leaking out from the enclosure. If you come into contact, flush and clean the affected areas with plenty of water. Seek medical attention immediately.
9. When operating the monitor, avoid touching or pressing on the LCD screen. Excessive force will damage the LCD screen.
10. When installing this unit in a vehicle, ensure that the installation and use of this unit is in compliance with local vehicle rules and regulations.
11. Before replacing a blown fuse, turn the unit off and disconnect all power. Ensure the replacement fuse is of the same rating (2A) of the fuse being replaced.
12. If during operation the unit overheats or malfunctions, turn off the power and contact your dealer. Do NOT disassemble the unit, there are no user serviceable parts in the unit.
13. The battery in the remote control (CR2025) has a useful lifetime of approximately 6-months. To ensure proper and reliable operation, replace the battery in a timely manner.
14. The rated operating temperature range of the unit is 32°–122° F (0°–50° C). Cool or warm the vehicle to within this temperature range prior to unit operation.
15. The picture viewing quality of this LCD is dependent on the installed location. Adjust the brightness control and/or the angle of the screen to achieve the optimum visual quality.

Introduction

Congratulations on your purchase of the world's finest video entertainment system. At Directed we are committed to bringing you the most technologically advanced products available. We are pleased that you chose a Directed Video product. Through years of critical testing and hand craftsmanship, we have created a wide range of video entertainment products for your viewing pleasure.

This system incorporates the use of on screen display menu controls that allows you to configure the system to suit your own personal preferences.

To view other great products from Directed Electronics, please visit the Directed Video page at www.directed.com.

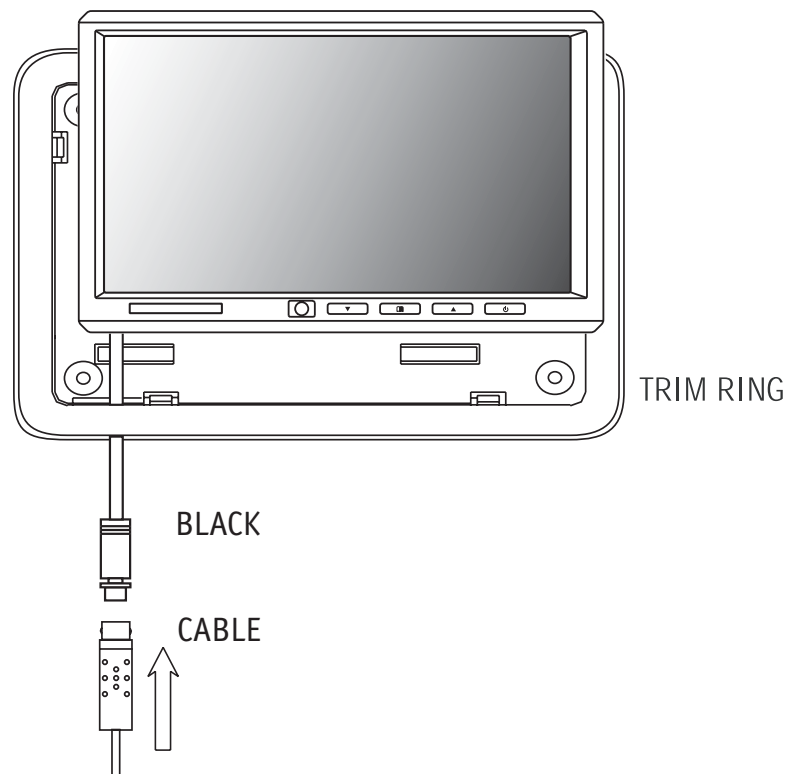
What is Included

Quantity	Item
1	7" Monitor HVM700
1	Din connector interface cable 1.2m
1	Instruction Manual
1	Remote Control (with CR2025 battery)
1	Mounting Shroud
1	Spacer Trim Ring

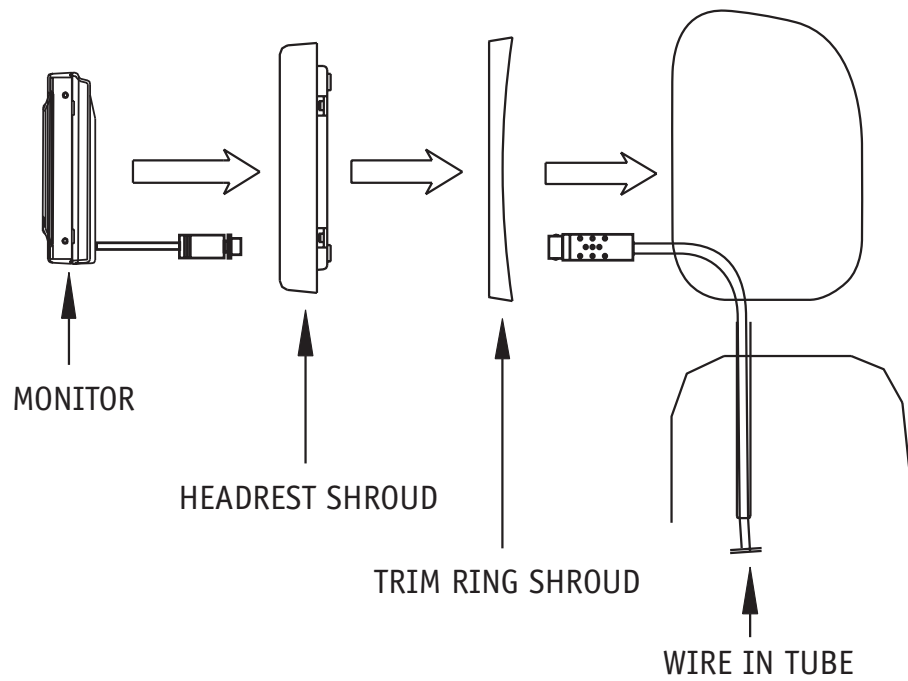
Installation—Seat Head Rest

The kit includes a protective trim ring and an optional spacer ring for use when the mounting surface is uneven.

1. Select appropriate locations in your vehicle for the monitor.
2. Be sure there is sufficient depth for the trim ring. Add the spacer ring for shallow locations with uneven curved surfaces such as upholstery. Be sure there is enough space for both the trim ring and for any excess interconnect cable.
3. Ensure that the interconnect cable will reach from the monitor location to the power supply module.
4. Create the required opening for the monitor and trim ring. Be sure it is not too large, and that there is enough space behind the trim ring to store any excess interconnect cable. Excess cable does not fit within the trim ring.
5. Route the cable through the opening in the trim ring:



6. Mount the trim ring with the screws provided.
7. Connect the cable to the monitor.
8. Securely snap the monitor into place.



If you need to remove the monitor from the trim ring, insert a credit card or thin plastic ruler between the monitor and the trim ring to release the monitor from the flexible locking retainer tabs. Gently pull the monitor from the trim ring.

Electrical Connections—General

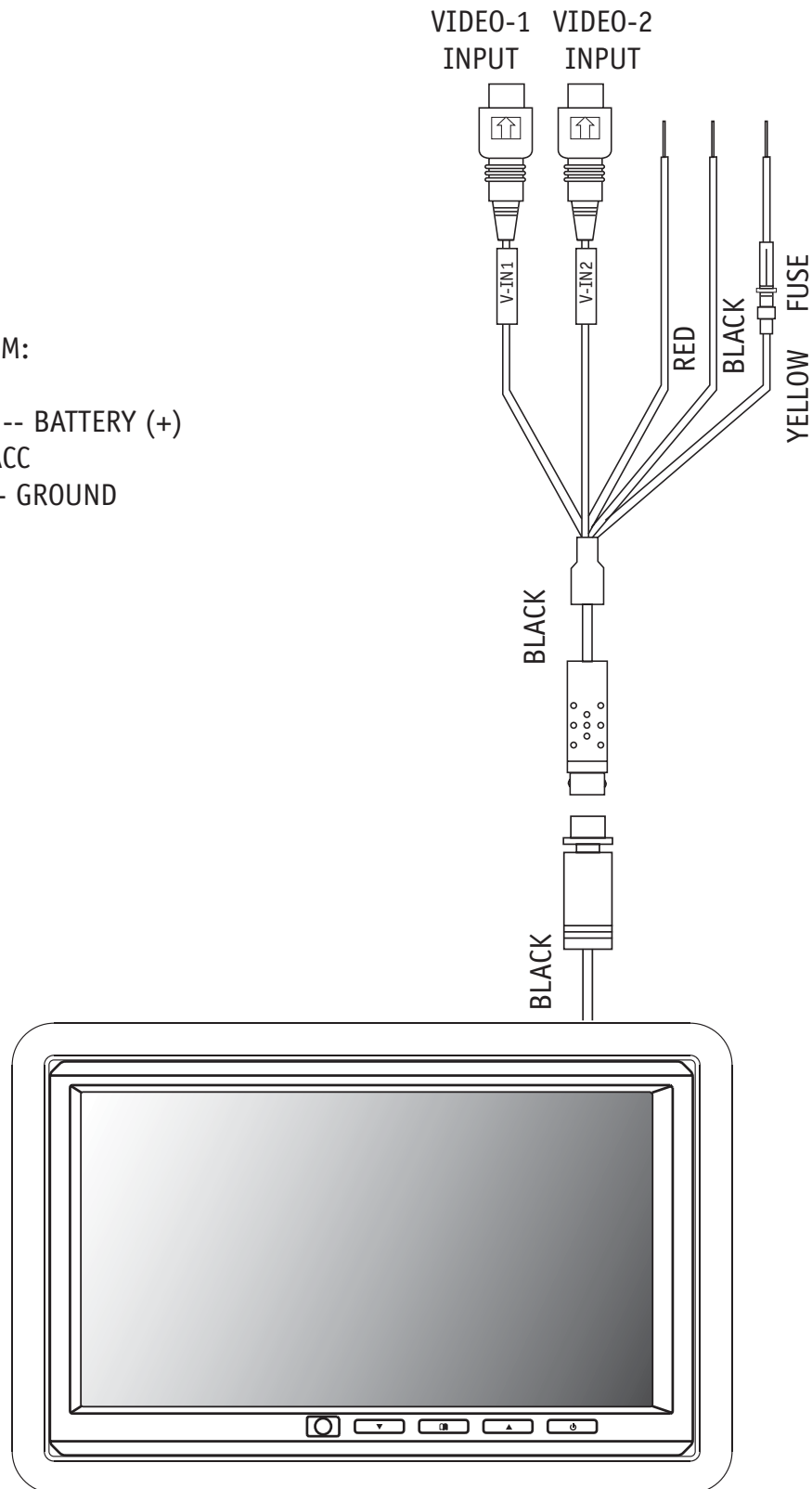
The following diagram shows the common connections for this system.

WIRING SYSTEM:

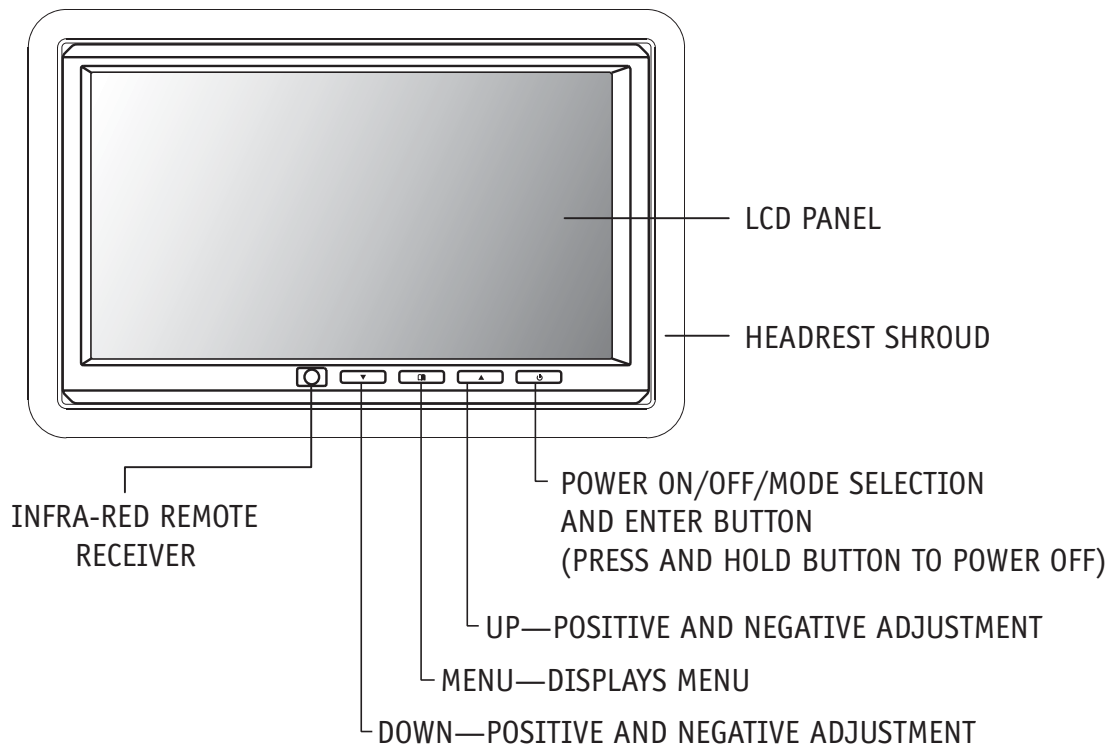
YELLOW WIRE -- BATTERY (+)

RED WIRE -- ACC

BLACK WIRE -- GROUND



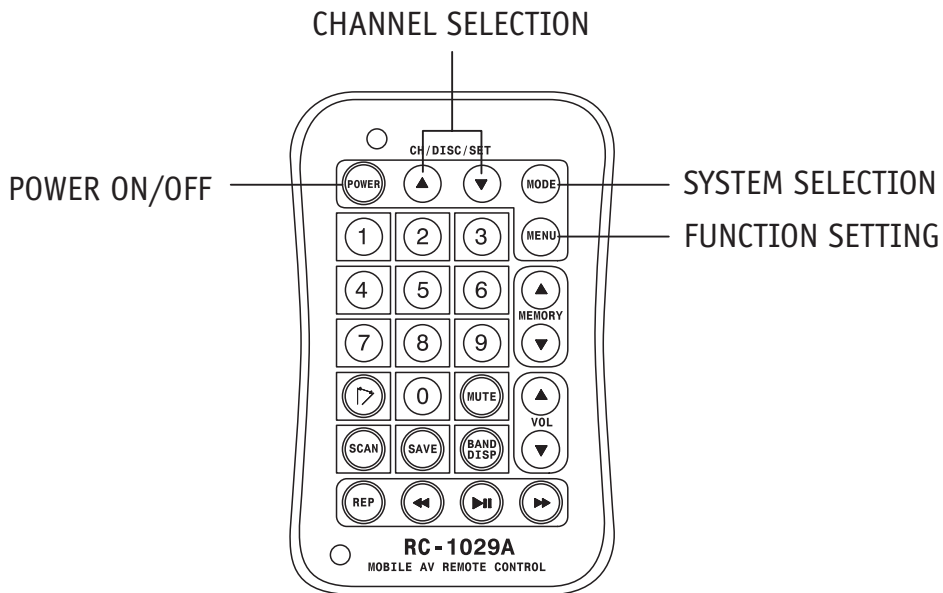
Monitor Controls



Remote Control

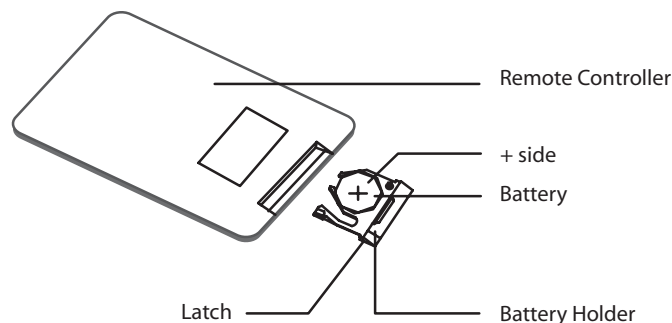
OPERATION

The remote control includes the following buttons for use with this monitor: Monitor Menu, Mode, Up, Down, Left, Right and Power.



MAINTENANCE

NOTE: Before using remote after installation, remove the battery plastic protective slip.



1. Move the small latch to the right and slide out the battery holder.
2. Remove old battery and replace it with a new battery (CR2025) with the positive "+" sign facing as shown above.

3. Push battery holder back into its compartment until it is locked.

PRECAUTIONS

1. Properly dispose of used battery.
2. Do not misuse battery by shorting the positive “+” and negative “-” terminal or put it into fire. Overheating may cause the battery to explode and cause a fire hazard.
3. If the remote is not to be used for a long period, remove the battery from the remote to prevent damage from battery leakage.
4. To avoid accidents, prevent children from playing with the battery.

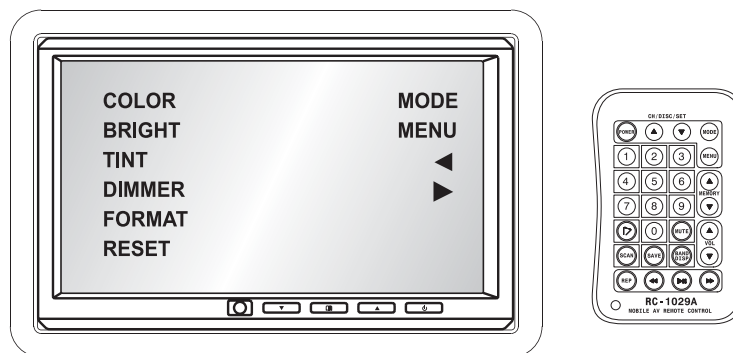
Operation and Display Settings

OPERATION

When monitor is power on, press mode button on remote or power button control panel to select video inputs AV1/AV2 NTSC/PAL. (Press and hold power button on control panel to power off the monitor.)

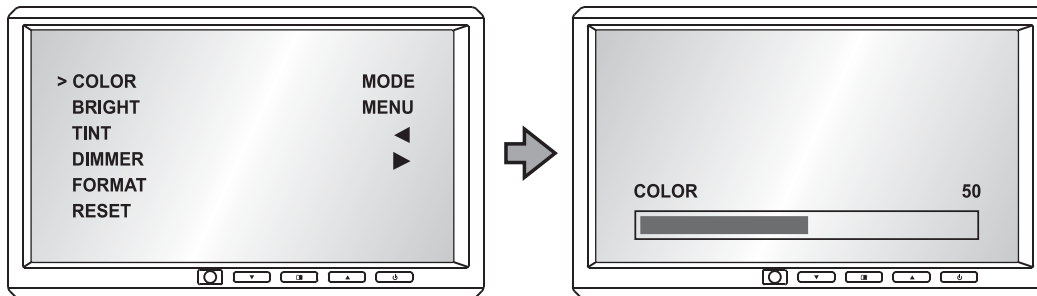
DISPLAY SETTINGS

Press the Menu button on the remote or front control panel, the OSD menu will show the LCD screen as below, use the up/down buttons on remote or up/down buttons on front control panel to select a setting.



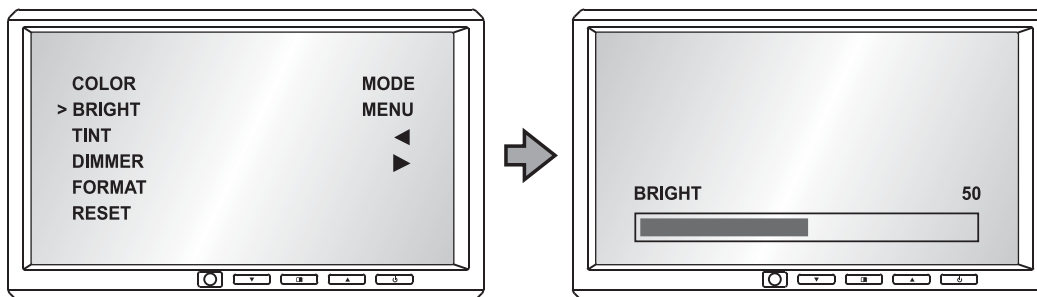
COLOR

Press the Menu button on the remote or on the control panel, the OSD menu will display on the LCD screen as shown below (left figure), press the up/down button on the remote or press and hold up/down button on the control panel to select "COLOR" setting, "COLOR" setting will display as shown below (right figure).



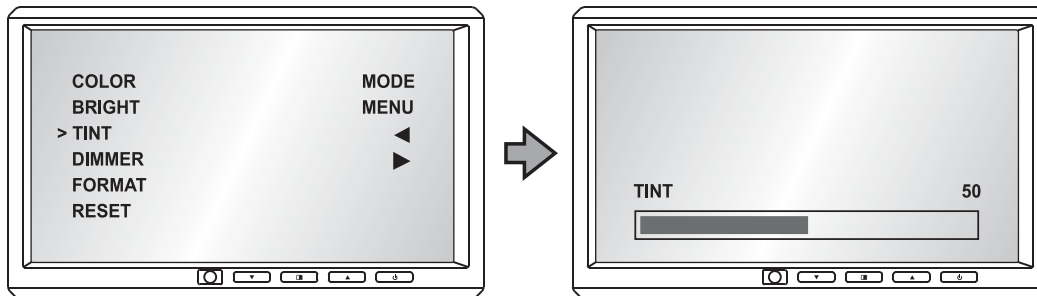
BRIGHT

Press the Menu button on the remote or on the control panel, the OSD menu will display on the LCD screen as shown below (left figure), press the Enter button on the remote or the power button on the control panel to select "BRIGHT" setting, the "BRIGHT" setting will display as shown below (right figure).



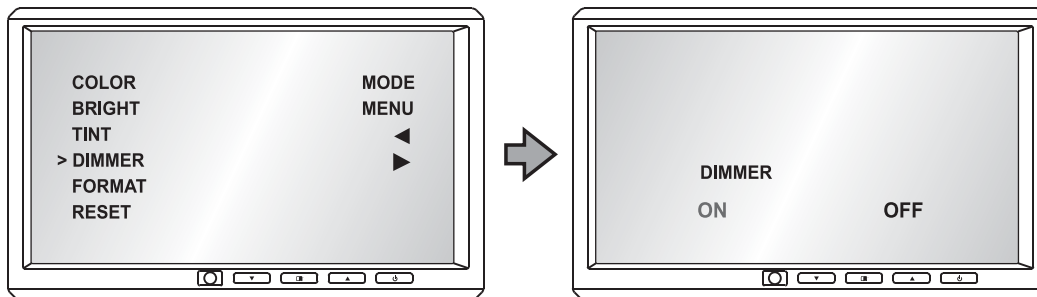
TINT

Press the Menu button on the remote or on the control panel, the OSD menu will display on the LCD screen as shown below (left figure), press the up/down button on the remote or press and hold the up/down button on the control panel to select "TINT" setting. The "TINT" setting will display as shown below (right figure).



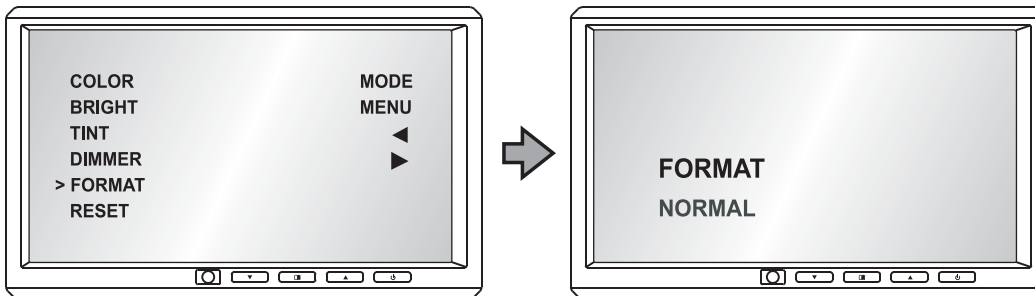
DIMMER

Press the Menu button on the remote or on the control panel, the OSD menu will display on the LCD screen as shown below (left figure), press the up/down button on the remote or press and hold the up/down button on the control panel to select "DIMMER" setting. The "DIMMER" setting will display as shown below (right figure).



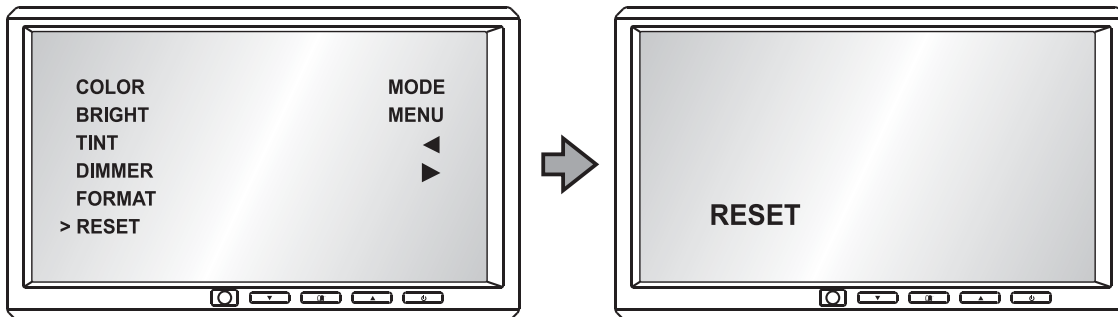
DISPLAY MODE (FORMAT)

Press the Menu button on the remote or on the control panel, the OSD menu will display on the LCD screen as shown below (left figure), press the up/down button on the remote or the up/down button on the control panel to select "FORMAT" setting. The "FORMAT" setting will display as shown below (right figure).



RESET IMAGE

Press the Menu button on the remote or on the control panel, the OSD menu will display on the LCD screen as shown below (left figure), press the up/down button on the remote or the up/down button on the control panel to select "RESET" setting. Press the power button on the control panel to select the "RESET" setting. The "RESET" setting will show as below (right chart).



Installation Notes

The HVM700 Monitor includes mounting options described in the following sections. Before you install the monitor, read the following important notices:

1. NEVER install this monitor where it can be viewed from the driving position this is a violation of many state and local vehicle codes.
2. Avoid mounting locations where there is a risk of impact with a passenger in the event of an accident.
3. Always mount the monitor securely using the mounting hardware that is provided. Do not use the monitor unless it is properly secured to the vehicle.

Specifications

Formats	NTSC/PAL
Screen Size	Width - 6 1/8" Height - 3 1/2" Diagonal - 7"
Video Input/Output	RCA jacks 1V \pm 0.25 V p-p
Voltage/Power	9-15 VDC, 10.8 W, 0.75 A
Temperature	32-122 °F (0-50 °C)

The company behind this system is Directed Electronics.

Since its inception, Directed has had one purpose, to provide consumers with the finest vehicle security, car stereo products, rear seat entertainment, and accessories available. The recipient of more than 20 patents in the field of advanced electronic technology, Directed is ISO 9001 registered.

Quality Directed Electronics products are sold and serviced throughout North America and around the world.

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