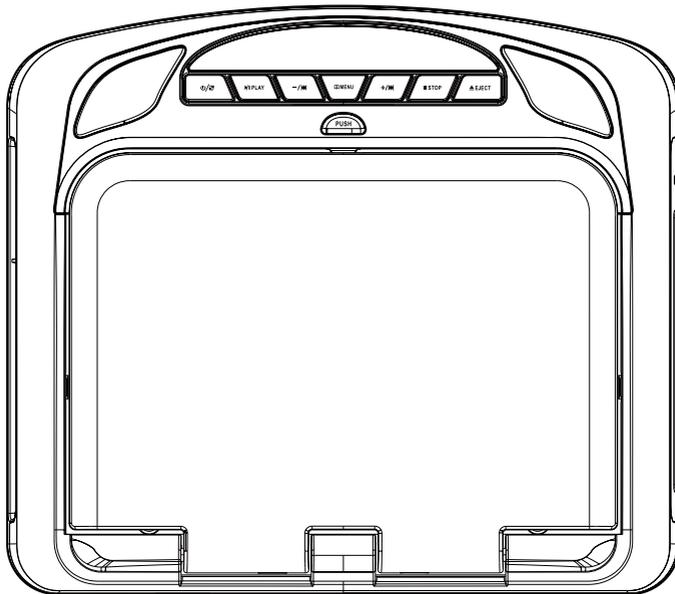


AMVXMTG10/VXMTG10

10.1" Overhead LCD Monitor With Built-In DVD Player / HDMI & USB Inputs
Installation Guide

movies *to go*
BY VOXX



HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

DVD
VIDEO[™]

Important Notices

Installation of overhead products requires careful planning and preparation. Be extremely careful when working on a vehicle with side curtain air bags. Do not route wires near any portion of the side curtain air bag assemblies. This includes any anchor points in A, B, C or D pillars of the vehicle. Routing wires in these areas or running wires by the side curtain air bags can prevent the side curtain air bag from fully deploying which can result in personal injury to vehicle occupants. If you have any questions regarding wire routing in a vehicle, please contact VOXX Technical Support at 1-800-645-4994.

When connecting power and ground in a mobile video installation, ensure that the ACC wire is fused at the point where it is connected to the vehicle ACC wiring. Failure to do so can result in damage to the vehicle if a short circuit develops between the vehicle connection point and the mobile video product.

An LCD panel and/or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or DVD play, the LCD panel or video monitor must be installed so that these features will only function when the vehicle is in "park" or when the vehicle's parking brake is applied.

An LCD panel or video monitor used for television reception, video or DVD play that operates when the vehicle is in gear or when the parking brake is not applied must be installed to the rear of the driver's seat where it will not be visible, directly or indirectly, to the operator of the motor vehicle.

Warnings

- Do not use any solvents or cleaning materials when cleaning the video monitor.
- Do not use any abrasive cleaners, they may scratch the screen.

Use only a lightly dampened lint free cloth to wipe the screen if it is dirty.

Lock the LCD screen in the fully closed position when not in use.

Before putting on headphones always adjust the volume setting to the lowest position.

Remember to leave the dome light switch in the off or auto positions when the vehicle is unattended, as the dome lights, if left on, can drain the vehicle's battery.

Do not put pressure on the screen.

Caution children to avoid touching or scratching the screen, as it may become dirty or damaged.

Patented: Refer to www.voxintl.com/patents



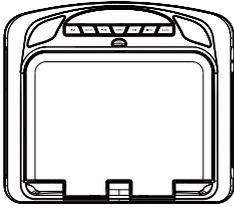
Safety Precaution

For safety reasons, when changing video media, it is recommended that the vehicle is not in motion, and that you do not allow children to unfasten seat belts to change video media or make any adjustments to the system. System adjustments can be accomplished using the remote control, while seat belts remain fastened. Enjoy your entertainment system but remember the safety of all passengers remains the number one priority.

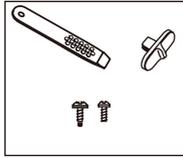
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Materials Included In This Package



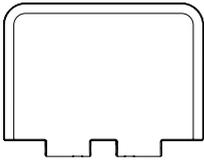
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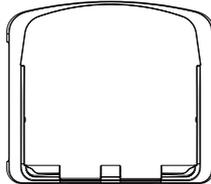
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- | | |
|--|---------------|
| 1. 10.1" TFT LCD Overhead Monitor with DVD Player | - (1 pc) |
| 2. Hardware Package (P/N 540-044) | - (1 pkg) |
| M5 x 6mm Phillips Screws (P/N 505082) | - (2pcs) |
| #8 x 3/8" Self Drilling Screws (P/N 100-2397) | - (4 pcs) |
| Pry Tool (P/N 100-2424) | - (1 pc) |
| Slide Knob for Dome Light Switch (P/N 172-0207) | - (1 pc) |
| 3. Remote Control w/ Battery (P/N 500-003) | - (1 pc) |
| 4. 6 Pin Power/Dome Light Harness (P/N 112-4270) | - (1 pc) |
| 5. AUX Pigtail (P/N 112B3227) | - (1 pc) |
| 6. 5 Pin AV input Harness (P/N 112-4259) | - (1 pc) |
| 7. 5 Pin AV output Harness (P/N 112-4260) | - (1 pc) |
| 8. Snap On Cover (Screen Back) - Shale (P/N 306-288) | - (1 pc) |
| - Pewter (P/N 306-289) | - (1 pc) |
| - Black (P/N 306-290) | - (1 pc) |
| 9. Snap On Cover (Shroud) - Shale (P/N 306-379) | - (1 pc) |
| - Pewter (P/N 306-380) | - (1 pc) |
| - Black (P/N 306-381) | - (1 pc) |
| 10. Installation Guide & Owner's Manual (Not Shown) | - (1 of each) |

Installing the Unit In A Vehicle

Tools Required

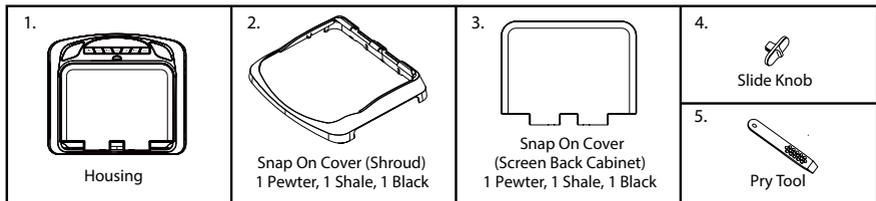
1. #2 Phillips Screwdriver
2. #1 Phillips Screwdriver
3. Utility or Razor Knife
4. Wire Strippers
5. Upholstery hook tool (for removal of panels as necessary)
6. Electrical Tape
7. Masking Tape
8. Multimeter to verify 12 volt DC and continuity (Do not use a test light or logic probe)
9. Marker pen – to mark headliner if used
10. Miscellaneous:
 - Electrical Connectors (to connect to vehicle power source, requirements will vary from vehicle to vehicle)
 - DVD Disc, USB Content and HDMI device (to verify system operation after installation)

Preparation

Place the unit on a soft surface to avoid damaging the plastic.

Installing the Snap On Covers

The Unit is supplied with black, shale and pewter plastics to allow for a custom installation. Choose the desired color and install as follows.

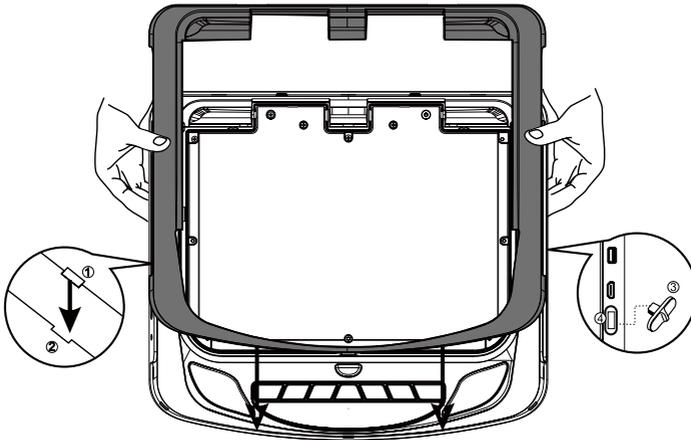


Installing the snap-on shroud

Installing the Shroud

***NOTE:** *Work on a soft surface to avoid damaging the plastic.*

1. Remove the double sided tape backing from the two strips on the center section of the shroud.
2. Hook the shroud over the dome light and align the shroud tabs (1) with the eight openings around the rim of DVD player (2) .
3. Slide the shroud down until the shroud completely covers the DVD player and that all eight tabs snap into all eight openings around the DVD player (1) & , (2).
4. Apply pressure to the center section of the shroud in the area of the double sided tape to ensure that the tape adheres.
5. Locate the Slide Knob (3) in the hardware package and press it onto the dome light switch (4) on the side of the DVD player.

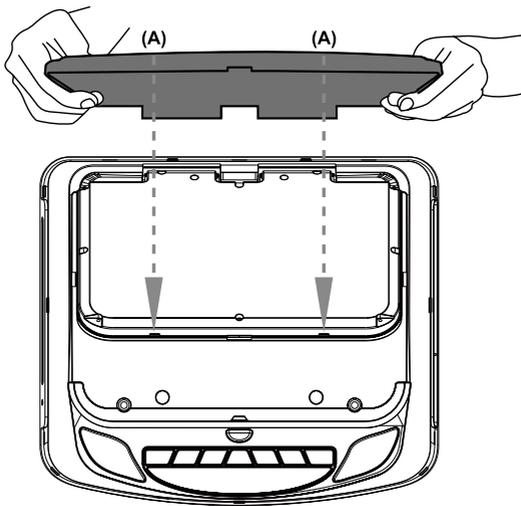


Installing the Snap-On Screen Cover

Installing the Screen Cover

1. Open the LCD screen.
2. Hook the two tabs "A" (as shown) on the bottom edge of the screen.
3. Carefully snap the opposite side over the hinge.

NOTE: If the wrong color Shroud and Screen Cover is installed, refer to Appendix A of this manual for instructions to change the Shroud and Screen Cover color.



General Vehicle Installation Approach

1. Decide upon system configuration and configuration and peripheral options that will be installed (ie...External Video System).
2. Review all manuals to become familiar with electrical requirements and connections.
3. Decide upon mounting locations of all components and method of mounting.
4. Prep the vehicle by removing any interior trim necessary to gain access to vehicle's wiring as well as all areas where interconnecting wire harnesses will need to be located. If any access holes need to be cut into the vehicle (headliner, other trim components etc.), this should be done now as well.
5. Route the wiring harnesses throughout the vehicle as necessary including the wiring for any additional peripheral devices being added to this system. (as well as the wiring instructions for the individual components and accessory options being installed). Be sure that all wiring is protected from sharp edges and is routed in such a manner that wiring is not pinched when all components and interior trim are fully installed. Be sure to leave enough slack in the wiring at each component to allow working room. Avoid routing wiring near or over airbag wiring or airbags.
6. Remove all A/V system components from their packaging and place them loosely in the vehicle at their respective locations.
7. Connect all components together (electrically) and verify proper operation of all system functions.

Note: Testing of the system is best performed BEFORE the Overhead Monitor is mounted to the supplied bracket and any optional accessories are permanently mounted.
8. After verifying proper operation of the system proceed to mount each component.
9. When all components are mounted recheck the function of the entire system again to ensure that no wiring was pinched or connected improperly during final installation.

Vehicle Preparation

1. Locate +12v power source with a good ground. These wires can be found at the ignition switch or fuse-box.

Power Source

- +12v when the key is in the ACC and run positions.
- 0v when the key is OFF.

NOTE: *Always fuse the ACC +12V at the source where it is connected to the vehicle.*

NOTE: *This System has a built-in Voltage Stabilizer to avoid unwanted System shut down during a vehicle Start/ Stop shut down.*

2. Some vehicles come equipped with a factory option that places the vehicle in an "Environmental Friendly" mode that shuts down the engine when the vehicle is not in motion. This may cause this Mobile Video system to shut down depending on the operating voltage of the vehicle when in this mode. Please note that this system must be connected to a stable ACC +12V power feed. Any voltage supplied to this unit less than +12V could result in performance issues or system shutdown. This is not a defect so take precaution if in fact the vehicle for which this Mobile Video system is installed has this factory option.

3. The mounting method and location will vary from vehicle to vehicle, the only focus of this manual is to provide proper installation guidance for this system.

4. Generally, the best location for the video monitor is where the vehicle's factory dome light is installed. The monitor should be located in such a manner that it can be comfortably viewed by rear seat passengers.

NOTE: *Never install the monitor in a place within the driver's view. This is not only dangerous, but it is also illegal in many states.*

5. Once the mounting location of the monitor has been determined, additional preparation work may be necessary, depending on the vehicle structure and installation method. Some of the steps that may be required are:

Removal of the vehicle's dome light.

Connecting the Dome Lights

The dome lights in the video monitor require three connections to the vehicle's wiring. There are two common types of dome light circuits used, positive switched systems or negative switched systems. Positive switched systems supply voltage to the interior lights to turn ON; negative switched systems apply ground to illuminate the bulbs.

To determine which system you have to locate the wires at the dome light:

- On a positive switched system, with all the doors closed and the lights out, both wires at the dome light will rest at ground. When the light is activated, one of these wires will switch to +12 VDC. This is the vehicle's switching wire Lamp auto.
- On a negative switched system, with all the doors closed and the lights out, both wires at the dome light will rest at +12 VDC. When the light is activated, one of these wires will switch to ground. This is the vehicle's switching wire Lamp auto.

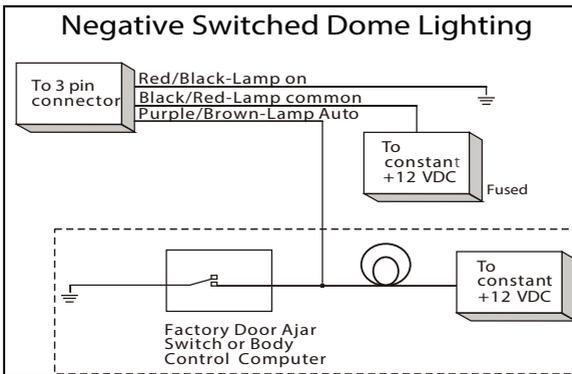
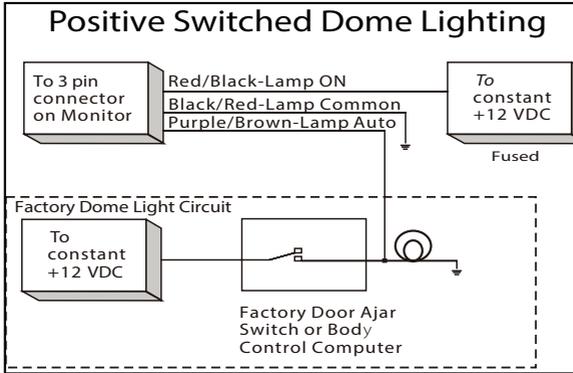
For positive switched systems, connect the Purple / Brown (Lamp Auto) wire to the vehicle's switched wire. Then connect the Red / Black (Lamp ON) wire to a fused constant 12 volt source and the Black / Red (Lamp Common) wire to a good ground. Positive switched systems are commonly found on Ford vehicles.

For negative switched systems, connect the Purple / Brown (Lamp Auto) wire to the vehicle's switched wire. Then connect the Red / Black (Lamp On) wire to a good ground and the Black / Red (Lamp Common) wire to a fused constant 12 volt source. Negative switched systems are commonly found on General Motors and import vehicles.

NOTE: *Some vehicles which incorporate transistorized control of the dome light circuit, may require that the Purple / brown (Lamp Auto) wire be connected to the door pin switch wire , as the additional current draw of the monitor's lights may not be supported by the output of the vehicle's body control computer.*

After wiring the dome lights make sure the dome lights operate properly with doors opening and closing and that they are not always on. Do not leave the dome lamp switch on the DVD overhead in ON position as this will drain the battery over time.

Connecting the Dome Lights



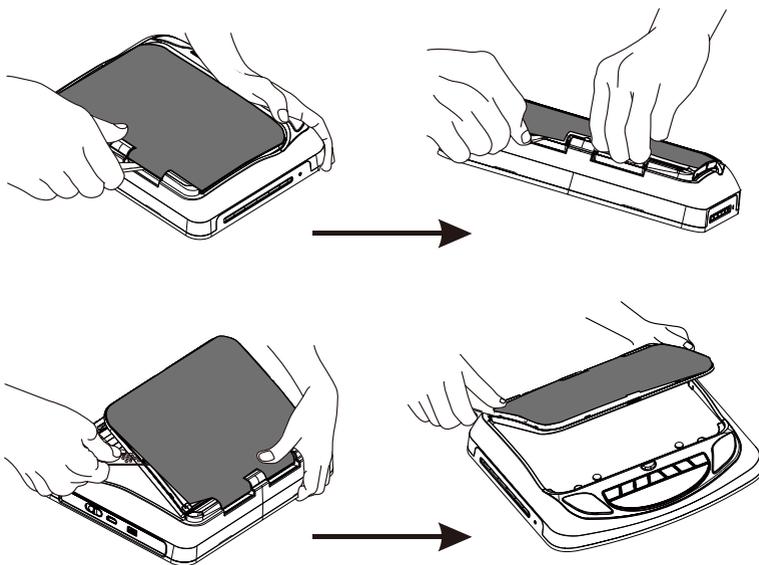
Appendix A - Removing the Screen Back Cover

This section is intended for situations where the color of the Shroud, Screen Cover and Trim Ring need to be changed after the unit is setup for installation.

NOTE: *Work on a soft surface to avoid damaging the plastic.*

Removing the Screen Back Cover

1. Starting from the back of the unit, carefully insert the supplied pry tool between the Housing and Screen Back Cover.
2. Press the pry tool to release the Screen Back Cover.
3. While lifting the Screen Back Cover, slide the pry tool around to the attaching areas and press the pry tool to release the Screen Back Cover.
4. Remove the Screen Back Cover and discard.



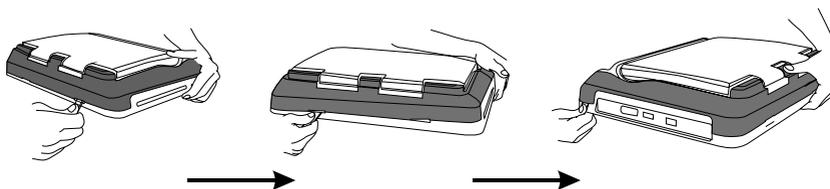
Appendix B - Removing the Shroud

Removing the Shroud

1. Using the supplied pry tool, remove the slide knob from the dome light switch located on the side of the DVD player.

NOTE: Do not Discard knob! The knob is reused.

2. Open the screen and insert the supplied pry tool between the Housing and Shroud and disengage the tape on the center section of the shroud.
3. Press the pry tool to disengage the attaching Shroud clips.
4. Continue disengaging the attaching areas around the unit removing the Shroud and discard.



Troubleshooting

SYMPTOM	REMEDY
No power at video monitor	<ul style="list-style-type: none"> • Verify +12 VDC on the Red wire at 6 Pin Power/Dome Light Harness behind the video monitor. Verify a ground connection with a continuity test from a known good ground to the black wire.
Power but no video or sound	<ul style="list-style-type: none"> • Verify that the Source is on and playing back compatible media content.
Disc will not play or wrong region is displayed	<ul style="list-style-type: none"> • Check to ensure the disc was put in with the correct side for playback (Label side up/shiny side down). NOTE: The DVD system only plays digital video discs, audio CDs and MP3s. Both the unit and the disc are coded by region. If the regional codes don't match, the disc can't be played. This DVD player is set to Region 1.
FM Transmitter does not work	<ul style="list-style-type: none"> • Check if radio is ON and in FM mode. • Check that radio is tuned to the same frequency as the unit is set to. • Select another FM channel. • Reposition the Unit Wireless FM antenna for better reception.
Remote Control does not work	<ul style="list-style-type: none"> • Check if the battery is installed correctly. • Make sure that the remote control battery is fresh. • The remote control is a dual function remote control, make sure M1/M2 is selected correctly.
HDMI source does not work with smartphone	<ul style="list-style-type: none"> • A special adapter is required to connect a smartphone to the HDMI input. Contact the smartphone service provider for ordering information on the appropriate adapter.



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FAQ's, Owner's Manuals

