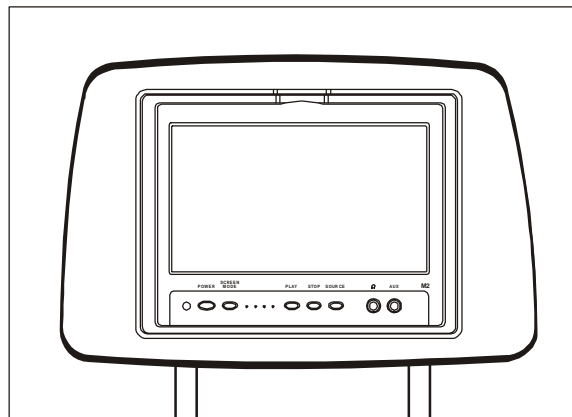
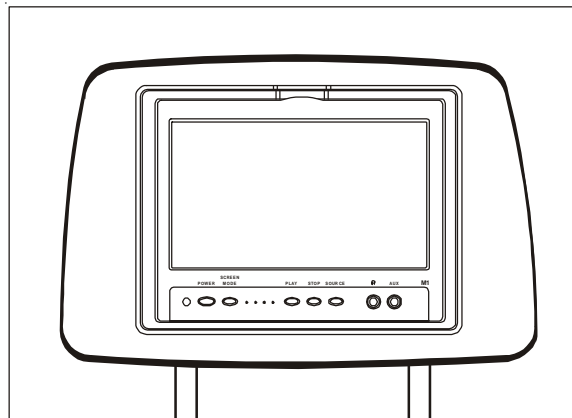


AUDIOVOX[®]
ELECTRONICS CORP.

HR7DDPKG

**Two 7" Monitors w/Built-in DVD Players
and Audio/Video Input Capability Mounted
in Vehicle Specific Headrests**



Installation Manual

IMPORTANT

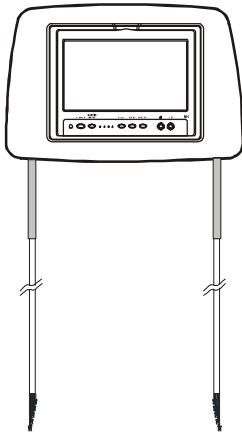
An LCD panel and/or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or DVD play, 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.

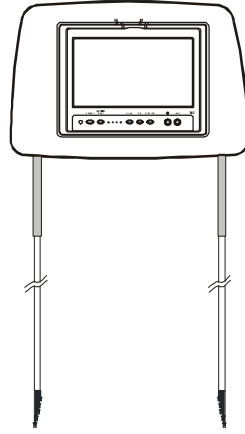
The Materials included in this package

- | | | |
|----|---|--------|
| 1. | HR7DDPKG System Monitor
(Master 1-#HR7DD (M1), One Master 2-#HR7DD (M2)) | (2pcs) |
| 2. | Remote Control (P/N 136-3785) | (1pc) |
| 3. | HR7DD System Main Cable (P/N 112-3457) | (1pc) |
| 4. | Dual Frequency IR Headphone (P/N IR2CHS) | (2pcs) |
| 5. | FM Modulator package (P/N 136C3655) | (1pc) |
| 6. | A/V Adapter Cable (P/N 112B3227) | (2pcs) |
| 7. | 3 Pin Power Wire Harness with choke (P/N 112B3370) | (1pc) |
| 8. | In-line Power Choke (P/N 112B3493) | (1pc) |

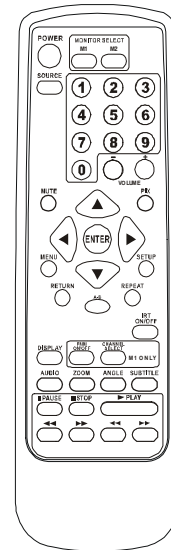
1. M1



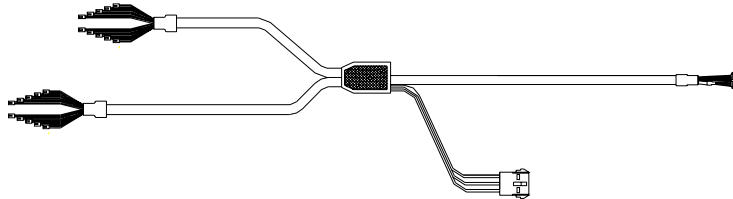
M2



2.



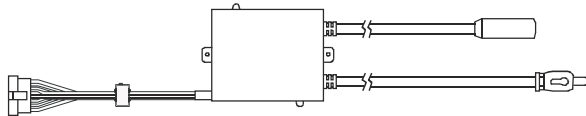
3.



4.



5.



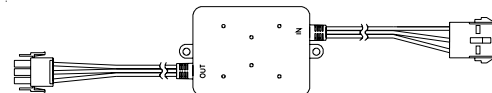
7.



6.



8.



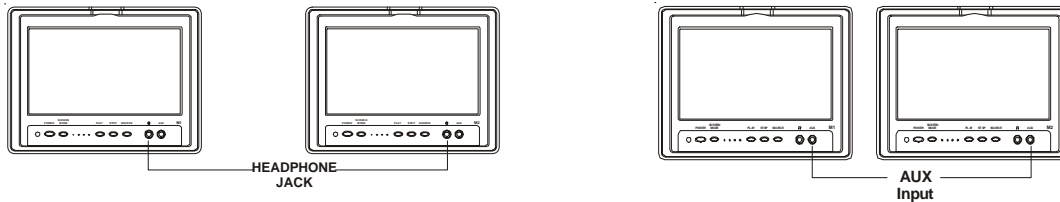
HR7DD PKG SYSTEM OVERVIEW

The HR7DDPKG system contains two vehicle specific headrests. Each has a 7" Monitor and built-in DVD Player. This system allows the users to either watch individual DVD's or watch the same DVD on both monitors. Both users can also share an A/V source connected to either AUX input. The full function remote control can operate either unit by selecting M1 or M2 on the remote.

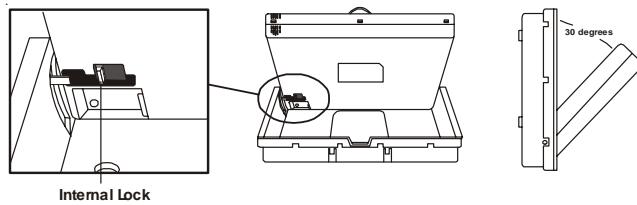
Caution: Each monitor has an AUX input on the bottom right hand side of the screen. When the AUX connector is plugged in to this input use care when pivoting the screen downwards. The plug will limit screen travel. Excessive force can damage the screen and/or plug.

- 1) When both monitors are selected as AV1, there will be no sound output and screen will be black.
- 2) M1 will display all of the functions including the FM modulator selection with the comprehensive OSD. FM functions may also be turned off by selecting the FM ON/OFF button on the remote control.
- 3) The HR7DDPKG system is supplied with two IR Headphones (P/N IR2CHS). The headphones have an A-B switch that allow the users to select the audio from either the M1 (CH A) or the M2 (CH B).
- 4) Using different IR codes, M1 will only respond when the remote control set to M1 and M2 will respond only when the remote control set to M2. Each operates independently of the other.
- 5) There are 1/8" Headphone Jacks on M1 and M2 that can be used with any standard wired stereo headphones. These jacks are controlled by the volume up/down buttons on the remote control.

(NOTE: Be sure to unplug the 1/8" Headphone plug and / or AUX input plug when opening either M1 or M2 to insert or remove a disc to prevent damage to the unit.

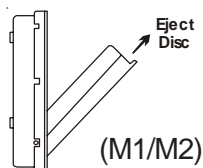
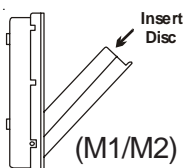


- 6) Pivot the screen until a comfortable viewing angle reached. The internal lock limits the screen to a maximum adjustment of 30 degrees from closed position, the headrest itself can be tilted forward to help achieve a comfortable viewing position.



9) Insert Disc

10) Eject Disc



VEHICLE PREPARATION:

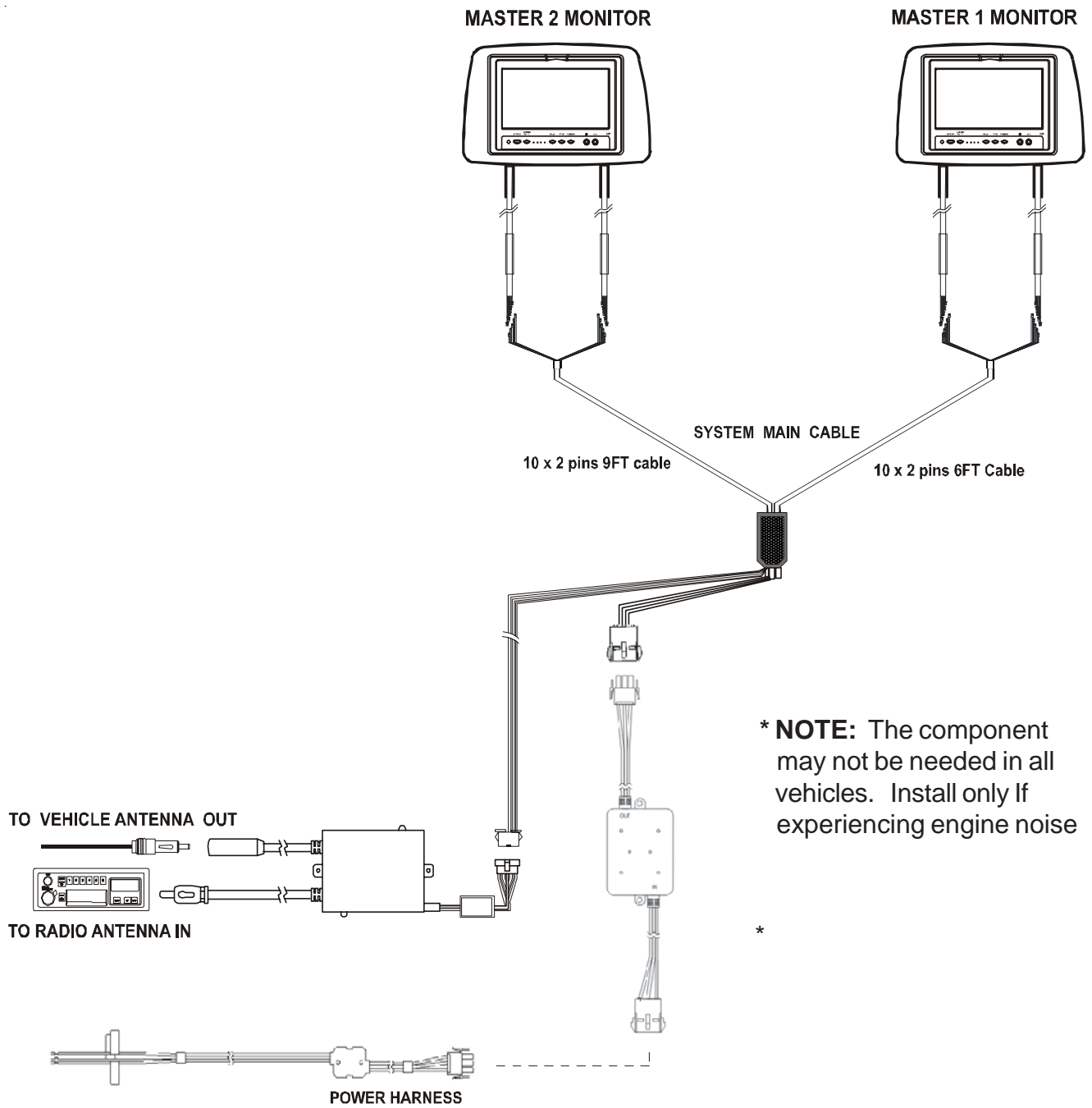
- 1) Read the manual and get familiar with the electrical requirements and connections.
- 2) Prepare the vehicle by removing any interior trim necessary to gain access to the vehicle's wiring as well as all areas where interconnecting wire harnesses will be located. The best location for the HR7DDPKG System components is:
 - a. Monitors: Vehicle specific Headrest (NOTE: The M1 should be installed in the passenger position most used. Check with the customer before installing this system.)
 - b. FM Modulator: Near the car radio.
 - c. System Main Cable: Under seats where M1 and M2 are located.
- 3) Locate an accessory power source (+12VDC present when the ignition key is in the accessory and run positions. 0VDC should be present when the ignition key is in the OFF position), a constant power source (+12vdc) at all times, regardless of the ignition key and a good ground. Generally, these wires can be found at the ignition switch or fusebox. **(NOTE: Installation of the large choke is only necessary if experiencing engine noise.)**

(NOTE: Ensure that both the constant and accessory power is fused at the source. Failure to do so may result in vehicle wiring damage.)

INSTALLATION: (see wiring diagram on page 4)

- 1) Run the wiring harnesses throughout the vehicle as necessary (Refer to the wiring diagrams on page 4.) Be sure, that all the wiring is protected from sharp edges and is routed in such a manner that it will not be pinched, when it is fully installed. Be sure to leave enough slack in the wiring at each component to allow sufficient working room. Be sure to leave enough slack in the monitor cables to allow the headrest to move up or down, and seat movement. Keep main harness and seatback harness away from the seat tracks
- 2) install the FM modulator in an area where there is access to the radio antenna connector. This may be behind the radio or in a kickpanel.
- 3) Install the Headrests:
 - a. Remove vehicle's original headrests.
 - b. Hold the HR7DDPKG headrest above the seat and insert the two cables into the headrest support tube holes. Make sure that the headrest is in the correct position (display facing the rear).
 - c. Route the cables through the seat back and out the bottom of the seat.
 - d. Place the headrest tubes into the support tube holes while pulling the cables to remove the slack. Be sure to leave enough slack in the monitor cables to allow the headrest to move up or down.
 - e. Carefully remove clear shrink tubing making sure not to damage wires inside. (see 1 next page.)
- 4) Connect the terminals of the system main cable to the corresponding 2 pin terminals of M1 and M2 at the bottom of the seats verifying that the wire colors for each connector match the wire colors of the mating connector .
(NOTE: Keep in mind that there are two groups of 2 pin connectors with 10 different wire colors. Be sure to install the correct connector to the correct color wires. Failure to do this could cause damage to the electrical component and or vehicle. On the main cable that attaches to the M2 harness there will be an unused connector (Green and Brown.)
- 5) Connect all the components together (electrically) and verify proper operation of all the system functions. **(NOTE: This is best done BEFORE reassembling the vehicle.)**
- 6) After reassembling the vehicle, recheck the entire system to be sure it is functioning correctly. Make sure that no wiring was pinched, or connected improperly during the final installation.

HR7DD PKG SYSTEM WIRING DIAGRAM





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