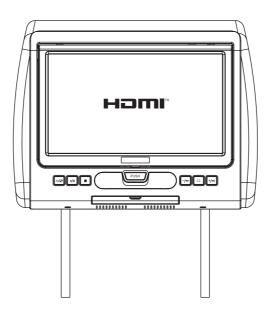
# MTGHRD1

7" LCD Monitor
With Built-In DVD Player
and HDMI Port
For Rear Seat Entertainment
Installation And Operation Manual





# **Important Notices**

Installation of headrest products requires careful planning and preparation. Be extremely careful with seats that have airbags built into them. Keep wiring away from any air bag wiring (usually identified by yellow connectors and yellow wire jackets). Damage to air bag wiring can result in personal injury to vehicle occupants. If you have any questions regarding wire routing or installation in a vehicle, please contact VOXX Electronics Technical Support at 1-800-225-6074.

When connecting power and ground in a mobile video installation, insure 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 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.

Patented: Refer to www.voxxintl.com/patents



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### **Features**

- 7" Digital Thin Film Transistor (TFT) Active Matrix Liquid Crystal Display (LCD) Monitor
- Built-in DVD Player
- · Last position memory for DVD Player
- Five Audio / Video Source inputs
  - DVD
  - USB
  - AV
  - AUX
- HDMI
- USB 2.0 port
- HDMI® Input
- On Screen Display (OSD) for control of picture quality and functions
- Full function remote control
- Plays DVD, CD and MP3 discs
- 100 Channel Wireless FM Modulator
- Dual Channel IR Transmitter (for use with optional IR headphones)
- Adjustable posts and tilting headrest (for adjusting screen viewing angle).

# **Quick Start Guide**

- 1. Press the **POWER** button on the front panel or the **POWER** button on the remote control.
- 2. Press the screen release (**PUSH**) button. The screen will pop open a short distance. Raise the screen up 90 degrees to access the DVD mechanism.
- 3. Snap a DVD, CD or MP3 disc onto the hub (label facing outward). Spin the disc to ensure that it is properly attached to the hub.
- 4. Lower the screen back to its stored position and press on the bottom of the screen to latch it to the DVD housing. (Note: For safety reasons, the DVD will not play if the screen is not latched closed. The headrest can be tilted forward or backward to adjust the viewing angle.)
- 5. When the DVD menu appears, select the menu item using the +/- buttons on the front panel and press the Play ( ►/ II ) button to start the DVD playing. If using the remote control press the ④ or ④ buttons to select the menu item and then press the Play (► II) button to start the movie playing.
- 6. If using IR wireless head phones, first turn the volume control to its lowest setting, press the power button and increase the volume to a comfortable listening level.
- 7. If audio playback through the vehicle radio is preferred, use the following steps:
  - The FM Modulator can be set from 88.1MHz to 107.9MHz.
     Pick one of these frequencies that is either unused or is a very weak station
  - Long press the MENU (III) button on the front panel and short press the MENU button at FMM selection or the FM ON/OFF button on the remote control until FMM ON appears on the screen.
  - Press the +/- buttons on the front panel or the ⊕ or ⊕ on the remote control to set the FM Modulator frequency to the frequency setting on the vehicle radio.
  - To turn off the FM modulator repeat the above steps until FMM OFF appears on the screen.

**NOTE:** If driving long distances it may be necessary to change the vehicle radio to another weak station and then change the FM modulator to the same frequency if there is interference with a local FM station.

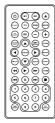
# **Materials Supplied**

1) MTGHRD1 System Monitor with DVD Player (MTGHRD1) (1 pc)



**NOTE:** The MTGHRD1 monitor has been designed with interchangeable covers. The headrest as supplied is covered with shale colored vinyl. A black or pewter vinyl cover can replace the shale colored vinyl cover.

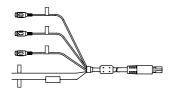
2) Remote Control (P/N 500019-1 pc)



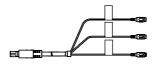
3) AV Adapter Cable (P/N 112B3227-1 pc)



4) AV IN / Power Cable, 8 Pin Din to 3 RCA (Red) (P/N 112-4309-1 pc)



5) AV OUT Cable, 8 Pin Din to 3 RCA (Green) (P/N 112-4310-1 pc)



 Black Vinyl Headrest Cover (P/N 126-1399-1 pc)



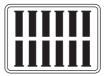
7) Pewter Vinyl Headrest Cover (P/N 126-1400-1 pc)



8) Shrink Tubing, Black (P/N 138-1495 -2 pcs)



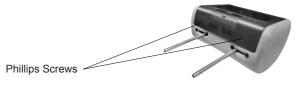
9) Support Tube Sleeve Box (contains six pairs of tube adapters) (P/N 170-0170 - 1 Tray)



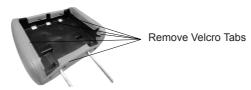
# **Headrest Cover Replacement**

NOTE: If desired, replace the headrest cover before installing the headrest in the vehicle.

1. Using a Phillips screwdriver, remove the two Phillips screws and lift the bottom edge of the monitor upward. Carefully pull the headrest wires up through the tubes so that the monitor can be moved away from the headrest.



2. Remove the velcro tabs securing the headrest cover and peel the cover off of the headrest.



3. Replace the headrest cover with the black or pewter cover and secure the headrest cover by re-attaching the velcro tabs.



4. Pull the monitor cables back out of the tubes while lowering the monitor into position. Hook the tabs at the top of the monitor into the top of the headrest and align the two holes in the monitor with the screw holes in the headrest.



5. Insert and tighten the two Phillips screws.

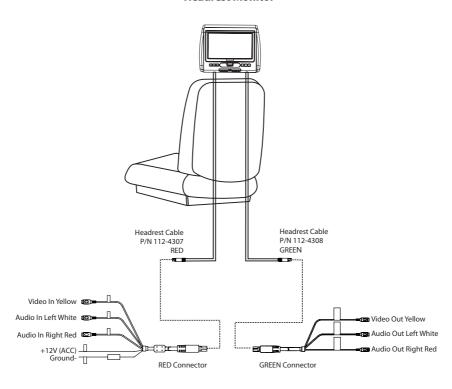


## **Installation - Vehicle Preparation**

- 1. Decide on the system configuration and the options that will be installed.
- 2. Read the manual and get familiar with the electrical requirements and connections.
- 3. Decide on the mounting locations and methods of mounting the products that will be connected to the MTGHRD1 system.
- 4. 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. This manual will only focus on the installation of the MTGHRD1 monitor in the supplied configuration.
  - **NOTE:** The monitor should be installed in the passenger position most used.
- Locate an accessory power source and ground with +12 VDC (ACC) present when the ignition key is in the accessory and run positions and 0 VDC should be present when the ignition key is in the OFF position. Generally, these wires can be found at the ignition switch or fusebox.
  - **NOTE:** Insure that the accessory power is fused at the source. Failure to do so may result in vehicle wiring damage.
- 6. Run the wiring harnesses throughout the vehicle as necessary (Refer to the Wiring Diagrams on page 9). 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 for seat movement.
- 7. Install the headrest:
  - a. Remove vehicle's original headrest.
  - b. Adjust the posts of the MTGHRD1 to the same width of the posts on the original headrest by pulling the posts apart or pushing them together. (Note: grab the posts close to the bottom of the headrest while doing this adjustment)
  - c. Locate the tube adapters that most closely match the outer diameter of the original vehicle headrest post.
  - d. Insert the appropriate support tube adapters in vehicle headrest post guides (if needed).
  - e. Hold the headrest above the seat and insert the two cables into the vehicle support guides. Make sure that the headrest is in the correct position (display facing the rear). f. Route the cables through the seat back and out the bottom of the seat 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.
- 8. Connect all the components together (electrically) and verify proper operation of all the system functions.
- 9. If two (2) MTGHRD1's are installed in a vehicle, set one unit to IRTA and the other unit to IRTB. See page 16 or page 18 for instructions.

# **Installation - Wiring Diagram**

#### **Headrest Monitor**

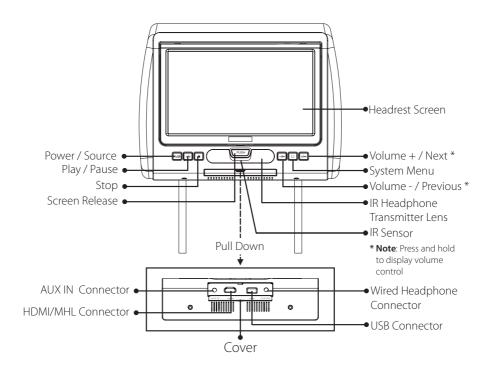


AV IN / Power Cable, 8 Pin Din to 3 RCA (Red)

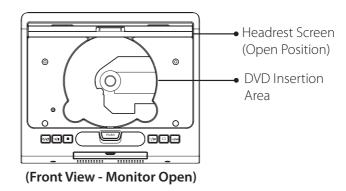
(P/N 112-4309)

AV OUT Cable, 8 Pin Din to 3 RCA (Green) (P/N 112-4310)

# **Controls and Indicators Diagram**

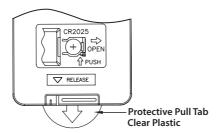


# (Bottom View)



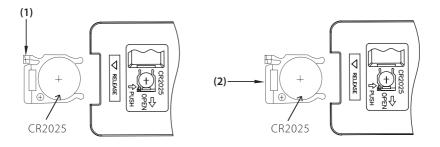
# **Remote Control Battery Replacement**

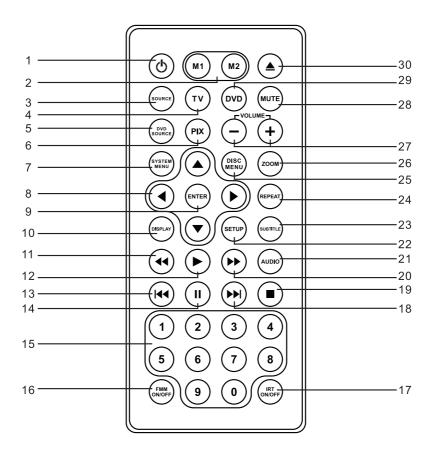
**NOTE:** The remote control has a battery installed with a pull tab to prevent battery discharge. Remove the pull tab before attempting to use the remote.



#### **Battery Replacement**

- 1. Depress the tab (1) and slide the battery holder (2) out in the direction of the arrow.
- 2. Install one CR2025 battery. Make sure that the proper polarity (+ or -) is observed.
- 3. Slide the battery holder into the remote control until it locks.





- \* Function control is available on the unit and the Remote Control.
- \*\* Function not available in this model.

#### 1. POWER\*

Press this button to turn the unit ON and OFF.

#### 2. MONITOR SELECT

M1 Button – Set the remote control code to allow control of the unit in M1 mode.

**M2 Button** – Set the remote control code to allow control of the unit in M2 mode.

Note: M1/M2 operation is only for when 2 systems are installed in the same vehicle.

This allows independent Remote Control and independent playback of audio for each system.

#### 3. SOURCE\*

Press to display the Source OSD for DVD, USB, AV, AUX and HDMI.

#### 4. TV Mode Select

Switches certain function keys on the remote control for monitor functions.

#### 5. DVD Source\*\*

No function on this model.

#### 6. PIX (Picture Select)

This button is used to make picture adjustments. Use the UP or DOWN direction buttons to select BRIGHTNESS, CONTRAST, COLOR, TINT, or RESET. Use the UP or DOWN buttons to adjust the setting. The OSD will automatically disappear if no adjustments are made within 6 seconds.

#### 7. SYSTEM MENU

Allows the user to access the system menu. Press the ▲or ▼ cursor buttons to select PICTURE, AUDIO, SYSTEM, PLAYER, FMM .

#### 8. CURSOR (▲ ▼ ◀ ▶)

Use the cursor buttons to access menu selections on the screen.

#### 9. ENTER

Used to execute a selected setting or menu option.

#### 10. DISPLAY

Press once to display current disc information of Title, Chapter & Time. Press again to display Subtitle, Audio & Angle while the disc is playing.



#### **11. BACKWARD** ( **◄ ♦**

Press to search in a backward direction. Press repeatedly to change the search speed from 2, 4, 8, 20 times and normal speed.

#### 12. PLAY (▶)\*

Press to activate the play mode while a disc is loaded into the disc compartment.

#### **13. PREVIOUS ( ► ( )**

Press to return to the previous chapter or track.

#### 14. PAUSE (II)\*

Press to pause playback.

#### 15. NUMBERS

Allow the user to enter the numbers 0-9 for selection of the tracks, titles, chapters or password setting.

#### 16. FMM ON/OFF

Turns the FM Modulator power on/off.

#### 17, IRT ON/OFF

Turns the Infrared Transmitter on/off for IR wireless headphones.

#### 18. NEXT (►►)

Press to skip to the next chapter or track.

#### 19. STOP (■)\*

Press to stop playback. (Playback will resume from the point it is stopped).

Press twice to stop playback fully. (Playback will resume from the beginning of the disc).

Note: For MP3 or photo mode, press twice to return to Audio/Photo/Video option menu.

#### **20. FORWARD (▶▶)**

Press to search in a forward direction. Press repeatedly to change the search speed from 2, 4, 8, 20 times and normal speed.

#### **21. AUDIO**

Press to display and select audio language in DVD mode. Each time this button is pressed, the language changes.

#### 22. SETUP\*\*

No function on this model.

#### 23. SUBTITLE

Press to display and select the subtitle language in DVD mode. Each time this button is pressed, the subtitle language changes. Pressing the button will also turn the subtitles off.

**Note:** The type and number of subtitle languages vary from disc to disc.

#### 24. REPEAT

Allows the user to repeat a selected chapter, title or all track.

#### 25. DISC MENU

In DVD mode, press once to access the Root Menu and then press again to resume to previous screen.

#### 26. ZOOM

Press this button to enlarge or decrease the picture size when playing a DVD disc.

Press ZOOM button	DVD Player performs
1 Time	Enlarges the picture 2X
2 Times	Enlarges the picture 3X
3 Times	Enlarges the picture 4X
4 Times	Reduces the picture 1/2
5 Times	Reduces the picture 1/3
6 Times	Reduces the picture 1/4
7 Times	Picture is returned to original size

#### 27. VOLUME DOWN (-) or UP (+)

Press to select the increase or decrease the volume for the wired headphones.

#### **28. MUTE**

Press this button to mute the audio for the wireless FM Modulator, IR headphones and audio output.

Pressing the button again restores the audio to the previously set level.

#### 29. DVD Mode Select Button

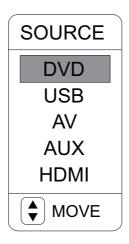
Switches certain function keys on the remote control for DVD function.

#### 30. EJECT (♠)\*\*

No function on this model.

#### **Souce Menu**

The System is capable of accessing six source inputs. To select or change a source, press the source 3 button on the front panel or the Source button on the remote control. The source OSD will appear on the screen as shown in the figure below. Use the + or - cursor buttons on the front panel or the  $\triangle$  or  $\nabla$  cursor buttons on the remote control to highlight a source. Press the Source 3 button on the front panel or the OK button on the remote control to select the desired source.



#### DVD

The DVD source input is used to play DVDs, Audio CDs and MP3 discs.

#### **USB**

The USB source input is used to read USB and play MP3 files, JPEG files (Photos) and MPEG I, II files.

#### ΑV

The AV input connection is performed when there is an external input source connected.

## **Source Menu(Continued)**

#### **AUX**

An external audio device may be connected to the system using the AUX pigtail P/N 112B3227 (not included) connected to the AUX input. The AUX input connection is performed when there is an external input source connected.

#### **HDMI**

These Source inputs allow the user to enjoy high-definition digital images and high-quality sound by connecting a HD device such as a Blu-ray player or smartphone with an HDMI output to the system. User can connect HDMI device with an optional HDMI cable. Smartphones and Tablet require the appropriate adapter for your smart device. You can also use this input to connect a Smart Stick such as a ROKU, Amazon FireTV and Chromecast device (these devices may require Wi-Fi Hotspot access to stream content which is not included with this system).

#### **Notes:**

- This source requires an HDMI enabled device and a special HDMI adapter. Contact your HDMI device supplier for the adapter.
- Phone functionality (phone calls, texting, etc.) may be limited while using the adapter.
- HDMI content is copy protected and is not available on the AV output of the System.
- This system does not support devices with MHL features.

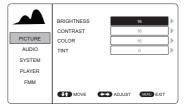
# **System Menu Setting and Adjustments**

#### PICTURE CONTROL

The PICTURE setup functions allows the user to select and set the picture control function.

BRIGHTNESS, CONTRAST, COLOR adjustments range from 0 to 32.

TINT adjustments range from -16 to 16.

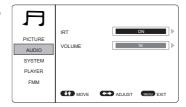


#### **AUDIO MODE**

The AUDIO setup functions allows the user to select and set the IRT Headphone transmitter "ON" or "OFF"

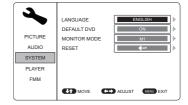
#### **IRT**

The IR transmitter can be set to ON or OFF. The IR Transmitter must be set to "ON" for the wireless headphone to be operational.



#### **LANGUAGE**

The LANGUAGE setup allows the user to select ENGLISH, SPANISH, FRENCH, GERMAN for the onscreen language display.

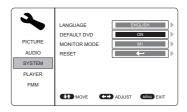


#### **DEFAULT DVD**

The DEFAULT DVD allows the user to set the system default source to DVD ON or OFF.

If souce default is set to ON, every time the unit is turned off the on, the unit will power up and automatically switch the source to DVD.

If source default is set to OFF and the system is turned off then on, the unit will power up in the source that was last selected.



#### MONITOR MODE

This allows the user to change the system to M1 or M2 mode. Once the setting is changed, the remote control and IR headphones will only work if set to that same setting.

- 1.M1 Mode For the Remote Control to operate the system when set to M1, press the M1 button on the Remote Control.

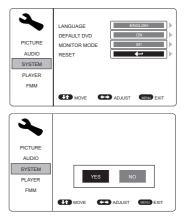
  Please make sure IR Headphones are set to Channel A when the system is in M1 mode.
- 2.M2 Mode For the Remote Control to operate the system when set to M2, press the M2 button on the Remote Control.

  Please make sure IR Headphones are set to Channel B when the system is in M2 mode.

# PICTURE AUDIO SYSTEM PLAYER FMM PLAYER FM

#### **RESET**

The Reset function allows user to reset all the setting options to factory settings.



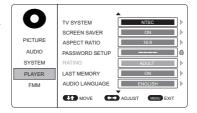
#### **PLAYER MODE**

The Player setup function allow the user to select DVD functionality.

#### **TV SYSTEM**

The TV SYSTEM setup allows the user to choose television standard which corresponds to your TV.

NTSC-Select this type for NTSC TV
PAL-Select this type for PAL TV
AUTO-Select this type if the connected screen is
a multi-system TV. The video format of the
disc (NTSC or PAL) will determine the video
signal output.



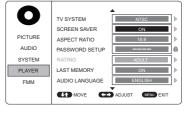
#### **SCREEN SAVER**

This allows you to set the Screen Saver mode.

ON -Screen Saver will appear

OFF -Screen Saver will not appear

**Note:** The DVD player will enter Screen Saver mode if the unit is inactive for approximately 2 minutes.



# ASPECT RATIO(For DVD Screen Display)

4:3 PS (Pan Scan)

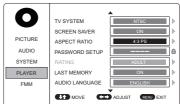
The left and right of the screen are cut off and displays the central portion of the 16:9 screen.

#### 4:3 LB (Letter Box)

Displays the content of the DVD title in the 16:9 aspect ratio. The black bars will appear at the top and bottom of the screen.

#### 16:9

This displays a wide picture with black bands on the upper and lower portion of the screen. The bandwidth will vary, depending on the aspect ratio of the disc.



#### PASSWORD SETUP

The default password is 3308. To change the rating of the DVD player press 3308 to access the RATING setting.

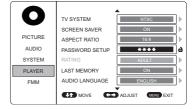
**NOTE:** 3308 must be pressed to set a new password.

- Press 3308
- · Enter the new 4 digit password
- Press SETUP 2 times to exit the setup mode.

NOTE: The 3308 password is always accepted in the setup menu even after a new password has been entered. To avoid the possibility of others using the default password to set the parental level and change the password, record this default password in another area and delete it from this manual. The restriction of viewing disc content by younger users may be available on some discs, but not on others.

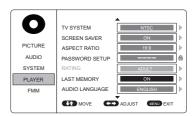
NOTE: When the password is set to a new password, that password must be used to play movies that have content rated above the setting in the setup menu. The user will be prompted to put the password in before the movie can play. After the password is entered press the ENTER button on the remote control.

# PICTURE AUDIO SYSTEM PLAYER AUDIO LAST MEMORY AUDIO LAST MEMORY AUDIO LANGUAGE AU



#### **LAST MEMORY**

The last memory function allows DVD playback to begin from the point when playback was last stopped. The last memory feature allows the user to turn the last memory feature function on or off.

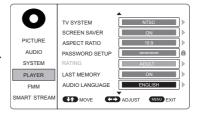


#### **AUDIO LANGUAGE**

This setting allows you to select a preferred audio language. This function only applies to discs encoded with different audio languages.

Options: ENGLISH, FRENCH, SPANISH and GERMAN.

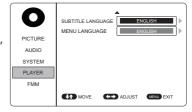
**NOTE:** If the selected language is not available for the currently playing disc, the disc's default setting is applied.



#### **SUBTITLE LANGUAGE**

This setting allows you to select a preferred subtitle language. This function only applies to discs encoded with subtitles. Options: ENGLISH, FRENCH, SPANISH, GERMAN and OFF.

**NOTE:** If the selected language is not available for the currently playing disc, the disc's default setting is applied.

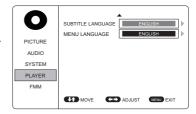


#### **MENU LANGUAGE**

This setting allows you to select a preferred disc menu language.

Options: ENGLISH, FRENCH, SPANISH and GERMAN.

**NOTE:** If the selected language is not available for the currently playing disc, the disc's default setting is applied.



#### FMM MODULATION(ON/OFF)

This setting allows you to turn the FMM modulator ON or OFF.

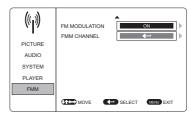
#### **FMM CHANNEL**

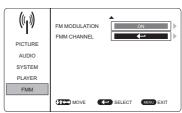
This setting allows you to select the frequency. The unit has a 100 channel built-in wireless FM Modulator. The FM Modulator can be set from 88.1MHz to 107.9MHz, i.e.88.1,88.3,88.5,88.9,90.1 etc.

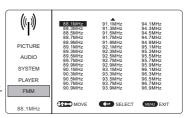
# To choose an FM frequency for audio playback through your vehicle's radio:

- 1. Use the ▲ ▼ ◀ or ▶ cursor buttons to select a frequency not used by a radio station in the area. Press OK to select the highlighted frequency. There are a total of 3 FM CHANNEL pages containing frequencies from 88.1 MHz to 107.9 MHz in 0.2 MHz steps. To access the additional FM Channel pages, use the ◀ or ▶ cursor buttons to highlight the on screen left and right arrows and press OK. Once the frequency has been selected, tune the vehicle's radio to the selected frequency.
- Press the DVD button to restore the remote control to DVD functions.

**Note:** The wireless FM modulator will perform well in most applications. However, in certain geographical areas the quality of the wireless signal may be less than optimal, resulting in static or strong local station bleed through. If this is a consistent problem, an FMDIRB (hard wired FM connection) can be installed by your dealer.







# **Playing DVD and Audio Discs**

#### **Playing DVDs**

When a disc is loaded. Press the DISPLAY button on the remote control to display the status banner. The status banner includes the disc title, chapter audio language, subtitle & angle.

Title Selection: Some DVDs contain more than one title (e.g. sitcoms, collections, etc.) Press the numeric (0-9) buttons to initiate a change of chapter title selection. Using the repeat feature to select OFF, Chapter, Title and Repeat All to play the movies contents.

#### **Playing Audio CDs**

When playing an audio CD, the DISPLAY banner appears automatically. The track number and the elapsed time of the disc are displayed.

Selecting a Track: Selection of a specific track is accomplished by using the numbers keys. Press the number key corresponding to the desired track and the player will implement the selection.

- Press the previous button ( $\mathbb{H}$ ) to return to the previous chapter or track.
- Press the next button (►) to skip to the next chapter or track.

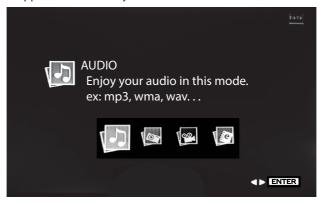
#### Using the REPEAT feature

The default mode for the Repeat feature is OFF. Pressing REPEAT on the remote control consecutively changes the repeat options.

- OFF Plays all songs on the disc and stops after all songs are played
- REP 1 Repeats 1 song
- REP DIR Plays songs in the directory
- REP ALL Plays all songs on the disc repeatedly

# **Playing USB/Devices**

To play a USB/CARD device, change the source to USB/CARD and plug a USB/CARD device into the USB/CARD port.When a USB/CARD device is inserted into the player the navigation menu appears automatically.



# **Playing DVD and Audio Discs(Continued)**

Use the cursor keys ▲ ▼ ◀ or ▶and OK to navigate the on screen menus.

The USB port can play AUDIO, PHOTO, VIDEO . The following formats are supported:

#### Audio

- MP3
- WMA
- AAC

#### Photo

- JPEG
- RMP

#### Video\*(720 x 576 max resolution)

- AVI (MPEG4-DIVX (DIVX 4.0/5.0), MPEG4-XVID
- MPG (MPEG-1)
- MOV (MPEG4-DIVX)
- FLV (FLV1)
- SWF (FLV1)
- DAT (MPEG1)
- VOB (MPEG2)

Note: All formats may not play depending on the software used to convert the video file from its original format.

#### **Playing MP3 Discs**

MP3 is a format for storing digital audio. An audio CD-quality song can be compressed into MP3 format with very little loss of quality, while taking up much less space. CD-R discs that have MP3 format files can be played on the DVD player. The DVD player plays the songs in the order they were burned on to the disc.

#### Selecting Folders and Songs:

When an MP3 disc is loaded in the player, the navigation menu will appear on the screen automatically and a song will start playing.

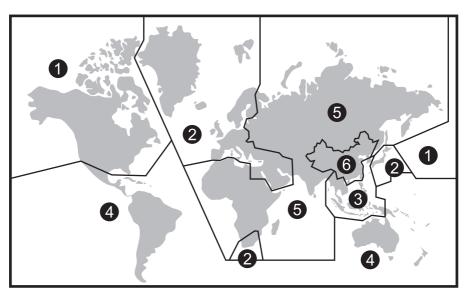
To change songs use the ▲ ▼arrows to select a different song and press the OK or button to play the selected song. To change folders press the ▲ button to move to the root folder and press the OK or button to display all the folders on the disc. Use ▲ ▼ the buttons to select a new folder and press the OK or button to enter the new folder. The unit will begin playing the first song of the folder.

# **DVD Basics**

To get the optimum use out of the DVD Player, please read the following:

#### **DVD Region Code**

The DVD player is preset to a region code at the factory depending on where the DVD player is sold. A DVD from a different region cannot be played in this unit and the unit will display "WRONG REGION".



Region 1- USA, Canada

Region 2- Japan, Europe, South Africa, Middle East, Greenland

Region 3- S. Korea, Taiwan, Hong Kong, Parts of South East Asia

Region 4- Australia, New Zealand, Latin America (including Mexico)

Region 5- Eastern Europe, Russia, India, Africa

Region 6- China

# **USB Devices (Media and Charging)**

#### **USB Port**

The USB port provides two functions:

- 1. Media port for USB thumb drives:
- 2. Phone/Tablet charging:
  - The USB port will not charge a portable device when the unit is turned OFF.
  - The USB port will charge a portable device in the following modes:
    - DVD
    - AV
    - AUX
    - HDMI
  - It will not charge in USB mode.
  - It will charge at up to 2 Amps of charging current.

# **Troubleshooting**

PROBLEM	SOLUTION
IR remote inoperative	Verify that the battery in the remote is fresh.
	Verify that the remote sensor eye is not obstructed.
Disc won't play	Insert a disc with the label side facing the viewer.
	Check the type of disc you put into disc tray. This DVD only plays DVD, audio CD 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.
Play starts, but then stops	The disc is dirty. Clean it.
immediately	Condensation has formed. Allow player to dry out.
No sound or distorted sound	Make sure your DVD is connected properly. Make sure all cables are securely inserted into the appropriate jacks.
	If you are using the 2-channel IR headphones, make sure you turn on the IR headphone power, make sure the correct channel (A or B) is selected.
	If the FM Modulator is ON make sure proper frequency has been selected.
Cannot advance through a movie	Most discs prohibit advancing through the opening credits and warning information that appear at the beginning of movies.
The icon ( <b>(</b> )) appears	The feature or action cannot be completed at this time because:  1. The disc's software restricts it.  2. The disc's software doesn't support the feature (e.g., angles)  3. The feature is not available at the moment.  4. A title or chapter number that is out of range has been requested.
Picture is distorted	The disc might be damaged. Try another disc.
	It is normal for some distortion to appear during forward or reverse scan.

# **Specificaitons**

Type TFT Active Matrix LCD
Resolution 800 (RGB) (X3) x 480

Pixels 1,152,000

Operation Temperature  $32 \sim 113^{\circ} \text{ F } (0 \sim 45^{\circ} \text{ C})$ Storage Temperature  $-4 \sim 149^{\circ} \text{ F } (-20 \sim 65^{\circ} \text{ C})$ 

Backlit life 20,000 Hours

Video Display System NTSC / PAL / AUTO

Headphone Audio Output 0.03 W max @ 32 ohms

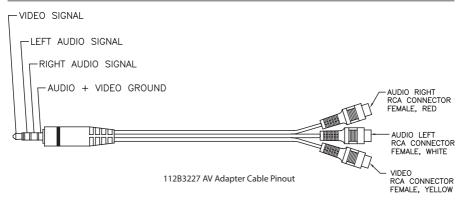
Video Output 1.0Vp-p @ 75 ohms

Power Source 12VDC

Dimension (L x W x H) 147mm x 280mm x 216mm 5.7in x 11.0in x 8.5in

Specifications subject to change without notice.

# **AV Adapter Cable**





# **12 MONTH LIMITED WARRANTY**

Applies to Movies To Go Mobile Video Products

VOXX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workman ship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor. A game controller, if supplied, is similarly warranted for ninety (90) days.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to digital memory/media devices, gaming devices, discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

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