MOVIES 2 GO
BY AUDIOVOX

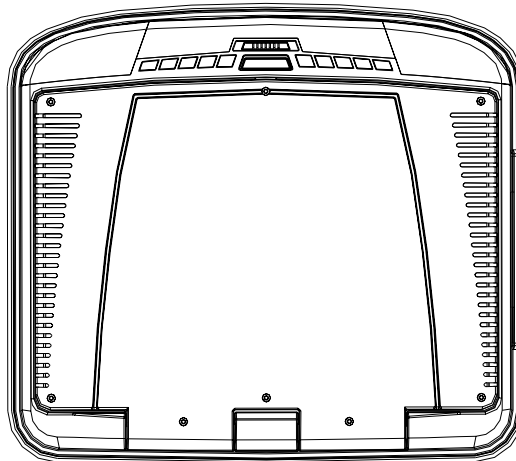# MMD154
15.4" OVERHEAD LCD
VIDEO MONITOR
WITH DVD PLAYER

Owner's Manual

Important Notice

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.

Congratulations on your purchase of the Movies 2 Go MMD154 drop-down Video Monitor with DVD Player. The MMD154 has been designed to give you and your family many years of video entertainment in the mobile environment. Please read the directions that follow to familiarize yourself with the product and to ensure that you obtain the best results from your equipment.

NOTE: Installation options vary, see the individual installation/owner's manuals for each component in your system to obtain a full understanding of each component's operation.

FEATURES

- 15.4." TFT (Thin Film Transistor) Active Matrix LCD (Liquid Crystal Display) Monitor,16:9 Aspect Ratio
- OSD (On Screen Display) for Control of Picture Quality and Functions
- Infrared Transmitter for Optional IR Wireless Headphones
- Three Audio/ Video Source Inputs (including the Built-in DVD player)
- Audio/Video Outputs
- Dome Lights with Built-in Three Way Switch
- Video Display ON/OFF Control (when LCD Panel is Opened and Closed)
- Last Position Memory for DVD
- Screen Mode Select Switch (16:9, 4:3)
- Full Function Remote Control
- Backlit Controls for Low Light Operation

CONTROLS AND INDICATORS DIAGRAM
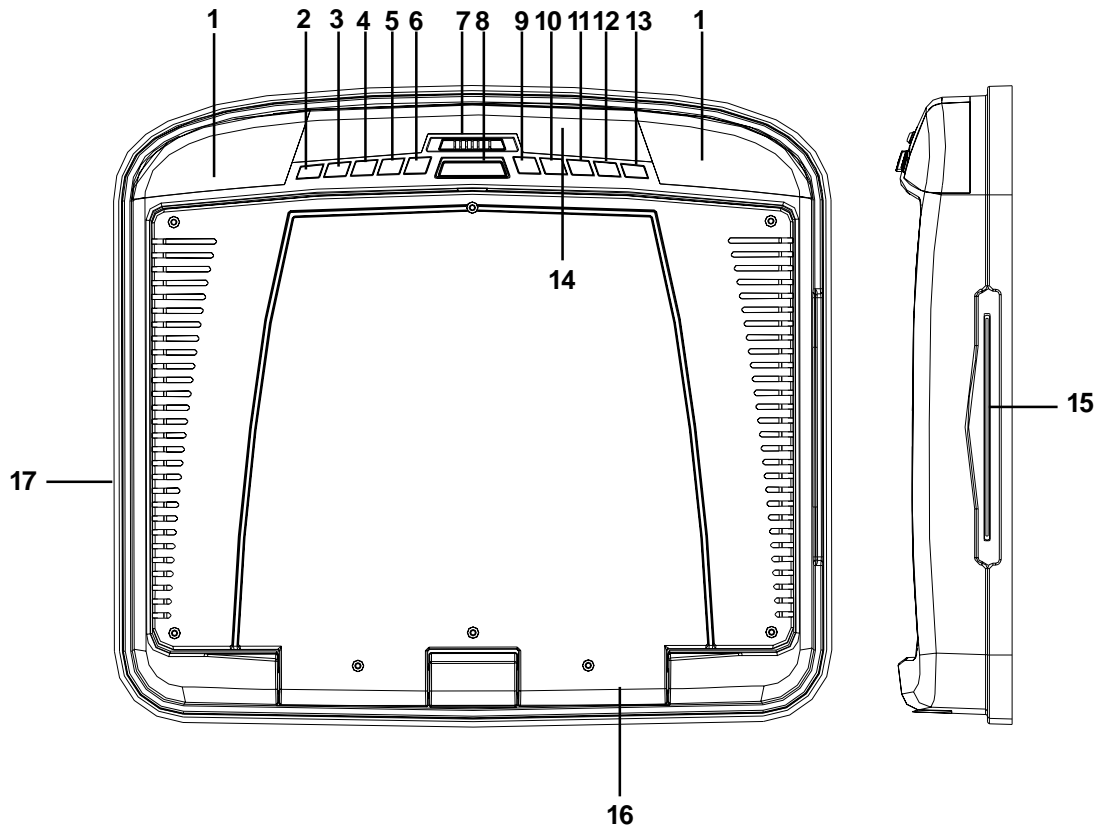
MAIN FUNCTION DESCRIPTIONS

1. **Dome Lights** – Provide additional interior illumination.

2. **Power ON/OFF Button (⏻)** – Turn the MMD154 ON and OFF.

3. **Menu Button** – Source select DVD, AV1 and AV2.

4. **AV Source Button** – Source select DVD, AV1 and AV2.

5. **▼(-) Button** – Used to move down for Menu navigation.

6. **▲ (+) Button** – Used to move upwn for Menu navigation.

7. **Dome Light Switch** – Move to the ON/OFF position, then press to turn the dome light on or off.

8. **Screen Release** – Press to lower the LCD screen.

9. **Rewind Button** (◄◄) – This button is used to skip the previous chapter on DVD or track on CD. Press and hold it to fast reverse playback at 2x, 4x, 8x, 16x and 32x speeds.

10. **Fast Forward Button** (►►|) – This button is used to skip the next chapter on DVD or track on CD. Press and hold it to fast forward layback at 2x, 4x, 8x, 16x and 32x speeds.

11. **Stop Button (■)** – Press once to stop playback and resume playback at the last position. Press the button twice to fully stop playback and resume playback at the beginning of DVD.

12. **Play or Pause Button (►II)** – This button is used to begin or pause playback.

13. **Eject Button** – This button is used to eject the disc.

14. **Infrared Transmitter and Sensor** – Used to transmit audio to wireless headphones. Also allows the remote control to operate the MMD154 and to control other accessories in the system.

15. **DVD disc insertion slot**

16. **LCD Screen Shut Off Switch** – Turns off the LCD screen when the screen is in the closed position.

17. **AV 1 Input**

Remote Control Operation
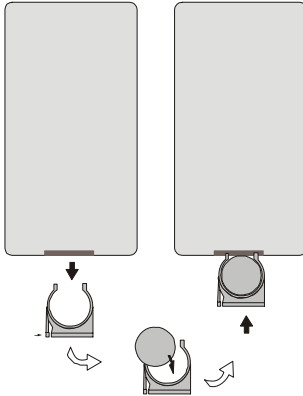
Initial Use*

*When purchased the remote control has a battery installed with a plastic insert to prevent battery discharge. Remove the plastic insert before attempting to use the remote.

Battery Replacement

1. Remove the battery holder. Refer to the drawing.
2. Insert the battery into the battery holder and insert the battery holder into the remote. Be sure to observe the correct polarity
3. For best results, aim the remote directly at the remote receiver window within 10 feet, and angles not exceeding 60 degrees.
4. The path between the remote control and remote sensor should be free of obstructions.
5. Under normal use the battery will last for approximately one year.

6. Remove the battery if the remote is not going to be used for a long time or during storage. The remote control will only operate the MMD154. It is not a universal remote control and will not control equipment from other manufacturers.
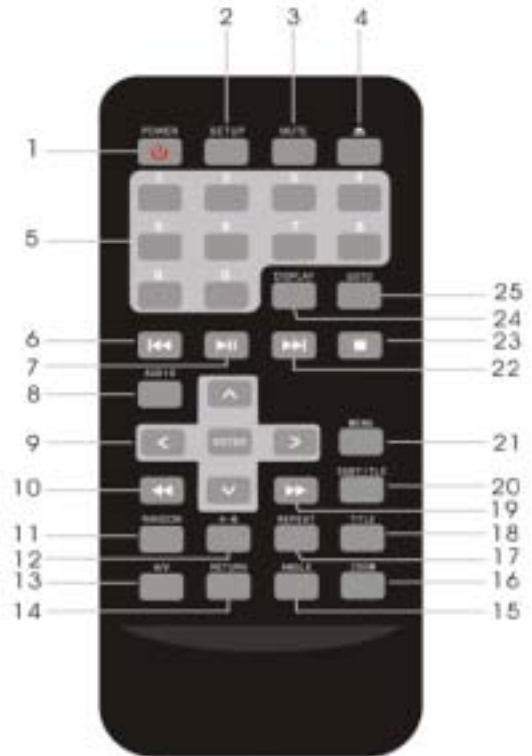
Operation with Remote Control

1. **POWER -** Press this button to turn the MMD154 "ON" or "OFF" .

2. **SETUP -** Press to access the setup menu to modify the DVD player settings.

3. **MUTE -** Press to turn sound on or off.

4. **Eject (▲) Button -** This button is used to eject the disc.

5. **0-9 -** Press to enter numbers directly such as settings or track numbers.

6. **Previous Button** (▏◀◀) - This button is used to go to the previous chapter on DVD or track on CD.

7. **Play or Pause Button (▶II)** - This button is used to begin or pause playback.

8. **Audio** - DVD: press to change the audio language during DVD playback. CD: press to change the audio channel (Left, Right and Stereo) during CD playback.

9. **Arrow and ENTER Buttons** - Press to navigate in a menu and change setting values.

10. **Fast Reverse (FR ◀◀) Button** - Press to fast reverse playback at 2X, 4X, 8X, 16X and 32X speeds.

11. **Random -** Press to play chapters or tracks in random order.

12. **A-B** - Press to repeat playback from point A to point B.

13. **A/V** - Press to select the video input mode among DVD-IN, AV IN 1 and AV IN 2.

14. **Return** - Press to return to main menu; press again to return to last playback position.

15. **ANGLE** - Press to select a different filming angle. This feature only works if the DVD is recorded with multiple angles.

Operation with Remote Control (Cont)

16. Zoom - Press to set the zoom for movie viewing.

17. Repeat - Press to repeat the track or the entire disc.

18. Title - Press to view the DVD disc's title menu.

19. **Fast Forward** (▶▶ **FF**) **Button** - Press to fast forward playback at 2x, 4x, 8x, 16x and 32x speeds.

20. Subtitle - Press to select and turn on subtitles during playback.

21. Menu - Press to view the DVD disc's main minu; Press and hokd it to display the system menu.

22. **NEXT** (▶▶I) Button - Press to go to the next chapter on DVD or track on CD.

23. **STOP (■) -** Press to stop playback, press [PLAY] or [ENTER] button to start playing at the last position. Press [STOP] button twice to fully stop playback. Press [PLAY] or [ENTER] button to start playing at the beginning of DVD.

24. Display - Press to display the playvack information (such as title, chapter, track and time).

25. GoTo - Press to start playback at a sselected chapter, track or time.

Using your DVD player
Adjusting the DVD player

To open the DVD player

1. Press Open Button to unlock the LCD panel.

OPEN BUTTON
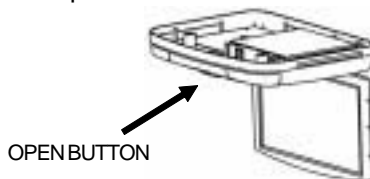
2. Swing the DVD player downward to the desired viewing angle.

Caution ⚠ The LCD display opens to a maximum angle of 150° degrees. Do not attempt to open it further.

150°
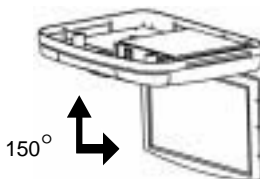
To close the DVD player
Swing the LCD panel upward until you hear the lock click.

Caution ⚠ Make sure that cords and other items do not get caught in the panel when you close it.
For your safety, be sure to close the LCD panel when not using it.

Basic operation

Turning on the player

Press the [⏻] button on the remote control or on the front panel. The player turns on, and the input source and format are displayed on the screen:

```
┌─────────────┐
│  DVD-IN  ───┼──────── Input source name
│  NTSC    ───┼──────── The system of the input source
└─────────────┘          detected automatically
```

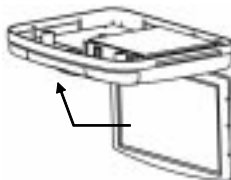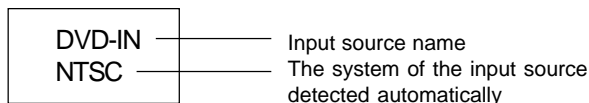*Notes:*   1.   The default is DVD-IN.
             2.   If the message "NO DISC" is displayed on the screen, insert Disc Media or press SRC button to change input source.

Selecting the input source

1.   After Power ON, press SRC button to switch from one mode to another.
2.   The operating modes changes in the following order:
     DVD-IN > AV 1> AV2> DVD-IN

     Note: DVD Disc cannot be inserted if unit is not in DVD mode.

Turning off the player

Press the[⏻] button again; the player will be turned off.

1.   If there is a disc in the player, it will continue playback from last position the next time you turn the player on.
2.   DVD Disc cannot be ejected if player is switched off or not in DVD mode.

Playing a disc

1. If the input source isn't already set to **DVD-IN**, press **A/V** button to change the input source to **DVD-IN**

2. Insert a disc to DVD into the disc slot on the right of the player. After several seconds, the screen displays the message "loading".

3. When the DVD menu appears, press **Play/Pause** button or **ENTER** button.
   To stop playback, press **STOP** button.
   To play the previous track or chapter, press **Previous** button.
   To play the next track or chapter, press **Next** button.
   To pause or resume playback, press **Play/Pause** button.

4. Press **Eject** button to eject the disc from the player.

5. Press **Power** button to turn off the player.

   Note: 1. If the DVD Playback is interrupted by switching the product OFF, when it is switched ON again the DVD commences playback from the start of the disc.
   2. If during DVD playback, the STOP button is pressed and then the PLAY button is pressed the DVD will recommence playback from the beginning of the last chapter played, not the last exact location played.

Muting the sound

1. Press **MUTE** button to mute the sound during disc playback.
2. Press **MUTE** button again to enable sound.

Playing DVDs

Accessing the DVD root menu
Press **MENU** button during the playback to display the menu.
A DVD is divided into sections called titles and chapters. When you play a DVD, a root menu of the disc appears on the screen of your Monitor. The contents of the menu vary from disc to disc. Press **MENU** during playback to display the menu again. Some DVDs only allow you to select disc playback options using the DVD root menu.

Displaying playback information
During the playback, press **DISPLAY** button repeatedly to show the following:

```
TITLE ELAPSED
TT 01/04   CH/25        0:02:10
```

```
TITLE REMAIN
TT 01/04   CH/25        0:03:10
```

```
CHAPTER ELAPSED
TT 01/04   CH/25        0:03:40
```

```
CHAPTER REMAIN
TT 01/04   CH/25        0:03:40
```

Changing the audio language during Playback (Multi Audio)

1. Press **AUDIO** button to change audio track during DVD playback. The current audio language number, the total number of available audio channels (languages) and current language are displayed.

2. If there are multiple languages are available, press **AUDIO** button again to cycle through the available languages. The audio display disappears automatically if **AUDIO** button is not pressed again within 3 seconds.

>   *Note:*   Some DVDs only allow access to this function through the DVD menu.

Turning the subtitles and changing the subtitle Language on :

1. Press **SUBTITLE** button to change the subtitle language you want during DVD Playback. The current language number, the total number of the subtitle languages and current language are displayed.

2. If multiple languages are available, press **SUBTITLE** button again to cycle through the available languages.

3. To turn subtitles off, Press **SUBTITLE** button until "subtitle off" appears on the screen. The subtitle display disappears automatically if **SUBTITLE** button is not pressed again within 3 seconds.

>   *Note:*   Some DVDs only allow access to this function through the DVD menu.

Using Repeat Playback

To repeat a chapter, a title, or both:

During playback, press **REPEAT** repeatedly to cycle through the available settings:
* Chapter---Repeats the current chapter.
* Title---Repeats the current title.
* All---Repeats all chapters and titles.
* Off---Resumes normal playback

To repeat a custom segment:

1. During playback, press A-B to set the starting point "A".
2. Press A-B again to set the ending point "B". The player plays the segment between point A and point B repeatedly.
3. To cancel the repeat playback and resume normal playback, press A-B agai again.

Changing Viewing Angle during Playback (Multi-Angle)

To change viewing angle:

    1.   Press ANGLE button to cycle through available viewing Angles during DVD playback.
    The current angle number and the total number of angles available appear on the
screen.

    2. Press ANGLE button again to select a different angle, then press it again to exit and
    return to the normal viewing angle. The Angle display disappears automatically if ANGLE
    button is not pressed again within 3 seconds.

        Note: Viewing angles are available for a DVD if the back of the DVD jacket contains a
        multiple angles icon.

Using zoom

To zoom the image:
During disc playback, press ZOOM to switch through the available zoom settings.(2x,3x,4x,1/2x,1/3x,1/4x
and normal)
While viewing JPG/JPEG images on a disc, press ZOOM, then press FF or
FR to switch the zoom settings.

Playing audio CDs

To display playing time and the current track:
During CD playback, press DISPLAY button to display, the disc type, current time, current track number
and total number of the tracks are displayed on the screen.

To repeat a track or the entire CD:
During playback, press REPEAT repeatedly to cycle through the available settings:

     ✱ Track---Repeats the current track.
     ✱ All---Repeats the entire CD.
     ✱ Off--- Resume normal playback.

To repeat a custom segment:

    1. During playback, press A-B to set the starting point "A".
    2. Press A-B again to set the ending point "B". The player plays the segment between point
    A and point B repeatedly.

    3. To cancel the repeat playback and resume normal playback, press A-B again.

Playing MP3 CDs

MP3 is a format for storing digital audio. An audio track is compressed into the MP3 format with little loss of audio quality, while taking up much less disc space. This player can play CD-R/RW discs that contain music MP3 files.

When a MP3 disc is inserted into the player, the menu screen appears automatically. You can use the menu screen to select the folders and tracks you want, or the player plays the tracks in the order they were burned onto the disc.

To select the folders and tracks you want:
1. Press **DISPLAY** on the remote control. The list of files and folders opens.

2. Press the up or down button on the remote control to select a folder from the list, then press **ENTER**. The screen displays the files in the folder you selected.

3. Press the up or down button on the remote control to select a file, then press **ENTER** to play the

4. Press the ⏭ button to move to the next file. Or press the ⏮ button to move to the previous file.
5. Press the < button to go to the previous folder or to page up, or press the > button to page down.

To repeat a file or folder of an MP3 disc:
During MP3 playback, press the **REPEAT** button to cycle through the available settings:

   ✱ Repeat single---Repeats the current file.
   ✱ Repeat All---Repeats the contents of current folder.
   ✱ Repeat off---Turns off repeat and resumes normal playback.

Note: This icon in front of an item indicates it's a folder.

 This icon in front of an item indicates it's an MP3 file.

System setup

Changing the picture quality

Accessing the menu

To adjust the picture, use the menu button to select the features you would like to adjust. Adjustment selections are as follows.

1. Press and hold **MENU** on the remote control for more than one second. The Operation Menu opens.

2. Press **MENU** repeatedly to select one of the following settings, then press the < and > button to change the value:
   The features are:

Contrast:	Adjust the contrast of the picture
Brightness:	Adjust the brightness of the picture
Color:	Adjust the color of the picture
Tint:	Adjust the tint of the picture (it is only available in NTSC system)
Wide Screen:	Selects display Mode: Wide (16:9)/ Normal (4:3)

Note: In Wide mode, normal images are stretched horizontally and are displayed over the entire screen. In Normal mode, normal images are not stretched, and displayed without distortion.

LAC Enable: Low angle compensation, if it is on, the picture looks very smooth

RESET: Reset menu to default value Using the OSD menu. Press **SETUP** on the remote control, the OSD menu opens.

Using the OSD menu

Press SETUP on the remote control; the OSD menu opens.

Menu	Description
General setup page	TV DISPLAY: modifies the display if it doesn't match the width to height ratio the DVD uses. You can select from the following: ·NORMAL/PS ·NORMAL/LB ·WIDE ANGLE MARK: Selects a different angle if the back of the DVD jacket contains a multiple angles icon. You can select ON or OFF. OSD LANG: Selects a language for DVD play menu. You can select from following: ENGLISH ·FRENCH ·SPANISH·ITALIAN CAPTIONS: Selects the caption for DVD play. You can select ON or OFF. SCREEN SAVER: Protects the screen if it paused about 5 minutes. You can select ON or OFF.

Menu	Description
Speaker setup page	DOWNMIX: Applies to Dolby digital sound. You can select from following: ·LT/RT ·STEREO DUAL MONO: Selects the different channels of sound. You can select from following: ·STEREO ·L-MONO ·R-MONO ·MIX-MONO DYNAMIC: Selects the different rating level of dB. You can select from following: ·Off ·2/8 ·4/8 ·6/8 ·FULL

Preference page	TV TYPE: Selects the TV system .You can select from following: ·AUTO ·PAL(Europe and Asia) ·NTSC (United states)
	AUDIO: Selects the audio track language. You can select from following: ·ENGLISH·FRENCH·SPANISH·GERMAN·CHINESE·RUSSIAN·THAI
	SUBTITLE: Selects the language of the subtitles displayed on the screen. You can select from the following: ENGLISH· FRENCH·GERMAN ·CHINESE RUSSIAN·THAI ·OFF
	DISC MENU: Selects the language of the current disc. You can select from following: ·ENGLISH·FRENCH·SPANISH·GERMAN·CHINESE ·RUSSIAN·THAI
	PARENTAL: Restricts the viewing of movies to children of appropriate age levels only. You can select 1 to 8.
	    1=KID SAF (safe for children)
	    2=G (general audience)
	    3=PG (parental guidance suggested)
	    4=PG 13 (some material unsuitable for children under 13)
	    5=PGR (some material unsuitable for children under 17)
	    6=R (some material unsuitable for children under 17)
	    7=NC 17 (not recommended viewing for children under 17)
	    8=ADULT (default setting. Only for adults due to graphic content.)
	After you select the parental setting, press ENTER, then enter the 4-digit password (default is 3308). Press ENTER again to confirm.
	PASSWORD: Lets you change the 4-digit password using the number keys on the remote control. The default password is 3308, but no longer works after you change the password.
	DEFAULT: Resets all settings to the factory defaults.

Customizing DVD settings

To set the general setup page:
1. Press SETUP button on the remote control. The DVD setup menu opens.
2. Press < or > to select General setup page, then the list opens.
3. Press the ∧ or ∨ to select the desired setting item. The items include TV DISPLAY, ANGLE MARK, OSD LANG, CAPTIONS and SCREEN SAVER.
4. Press ENTER to open the list, then press ∧ or ∨ to choose the setting values.
5. Press ENTER to confirm.
6. Press SETUP to exit the setup menu.

To set the speaker setup page:
1. Press SETUP button on the remote control. The DVD setup menu opens.
2. Press < or > to select speaker setup page, then the list opens.
3. Press ∧ or ∨ to select the desired setting item, The items include: DOWNMIX, DUAL MONO and DYNAMIC.
4. Press ENTER to open the list, then press ∧ or ∨ to choose the setting values.
5. Press ENTER to confirm.
6. Press SETUP to exit the setup menu.

To set the preference page:
1. This setting is only available in stop mode or when no disc in the player.
2. Press SETUP button on the remote control. The DVD setup menu opens.
3. Press < or > to select preference page, then the list opens.
4. Press ∧ or ∨ to select the desired setting item. The items include TV TYPE, AUDIO, SUBTITLE, DISC MENU, PARENTAL, PASSWORD and DEFAULT.
5. Press ENTER to open the list, then press ∧ or ∨ to choose the setting values.
6. Press ENTER to confirm.
7. Press SETUP to exit the setup menu.

Troubleshooting

If operation freezes, the screen goes black or the unit should otherwise not function properly, try turning the unit on and off. If the unit does not respond, press the reset switch on the monitor cavity.

Problem	Cause	Solution
Player does not play disc	Disc inserted incorrectly	Reinsert the disc with the label side up (facing the ceiling).
	Disc format is not supported	Check the disc format.
	Disc is dirty or scratched	Clean or replace the disc.
	Wrong region code	Must be region 1 disc
The player suddenly stopped working or the screen went black	Player error	Try turning the player off and on. If the player still doesn't respond, press the reset button.
Player doesn't turn on	The car ignition (or ACC/ (Accessory) is off	Insert the key into the ignition and turn it to ACC/ssory.
	Condensation in the player	Wait for about one hour or until condensation evaporates.
Picture Skips Occasionally	Disc is dirty or scratched	Clean or replace the disc .

Problem	Cause	Solution
The picture on the screen is dark.	1. The equipment is located at a low temperature area.	1. This is the characteristics of LCD display in low temperature; it will restore to normal brightness after playing for few minutes.
	2. Brightness is set too low.	2. Adjust the brightness setting.
No sound can be heard from the IR wireless headphones.	1. Headphones are not turned on.	1. Turn on the headphones.
	2. The battery in the headphone is low.	2. Replace or recharge the batteries.

Specification
Design and specifications are subject to change without notice.

Power Source	Vehicle battery (DC +10V ~ +16V)
Operating Voltage	DC +14V
Display Angle	Vertical Adjustable: Up/Down>150°
Pixel	1280 x 3 (RGB) x 800
Viewing angle (up/down/left/right)	35/15/45/45
Dome Light	2W
Operation Temperature	23°F to 122°F (-5°C to +50°C)
Storage Temperature	-4°F to 140°F (-20°C to +60°C)

Maintaining

Handling discs

* To keep a disc clean, do not touch the play side (non-label side) of the disc.
* Do not attach paper or tape to the disc.

* Keep the disc away from direct sunlight or heat source.
* Store the disc in a disc case after playback.

Cleaning discs

Before playback, wipe the disc outwards from the center with clean cloth.

LCD Panel Maintenance

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

12 MONTH LIMITED WARRANTY
Applies to Movies To Go Mobile Video Products

AUDIOVOX 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 workmanship 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.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Audiovox Electronics Corporation, 150 Marcus Blvd., Hauppauge, New York 11788 ● 1-800-645-4994

128-6429F

THIS PAGE LEFT BLANK INTENTIONALLY

128-8152