



# HRKRPKG

# **IMPORTANT**

An LCD panela nd/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.

# KARR System

The KARR system is composed of two headrest units. The system can be two master unit or one master unit with one satellite. The master unit has a built-in DVD player and the satellite unit has a monitor that is used to either watch the DVD movie that is playing in the master unit or play a video game plugged into the AV2 input or AUX input. The system also allows the users to either watch individual DVD's or watch the same DVD on both monitor. Both users

can also share the same AV source at AV2 mode. 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 screen and / or plug.

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### **Quick Start Guide**

#### <u>For M1</u>

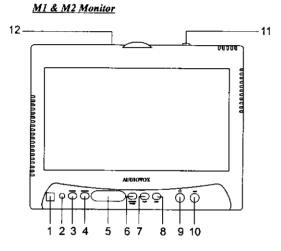
- 1. On M1 monitor, tilt the screen forward using the center tab at the top of the screen.
- 2. Insert a DVD, CD or MP3 disc into the slot.
- 3. The disc will start playing.
- 4. Tilt the monitor to a comfortable viewing position (the headrest itself can be tilted forward to help achieve a comfortable viewing position).
- 5. Each wireless headphone has a CH A/CH B switch. When sitting in front of the M1 screen, use the CH A switch setting. When sitting in front of the satellite or M2 screen, use the CH B switch setting. Set the headphone to the proper channel and press the Power On/Off switch. The power indicator will light up red. Turn the volume down to its lowest setting before putting them on your head.
- 6. When the DVD menu appears, select the menu item using the cursor keys and press the Enter or Play button.
- 7. If audio playback through the vehicle radio is preferred, use the FM transmitter On/Off button on the remote control. Set the vehicle radio to the channel selected on the M1 monitor. If interference with a local radio station occurs, set the FM modulator to one of the other two radio frequencies using the FM transmitter select button on the remote control.

#### For Satellite & M2

- 1. Turn on the satellite pr M2 screen using the power button on the front of the screen or remote control.
- 2. Tilt the screen to a comfortable viewing position (the headrest itself can be tilted forward to help achieve a comfortable viewing position).
- 3. Select AV1 using the source button on the front panel or remote control to view program material on M1 or select DVD, AV2, AUX.
- NOTE: To operate the M1 screen, press M1 on the remote control.

To operate the M2 or Satellite screen, press M2 on the remote control.

# Controls and Indicators Diagram Control Function Descriptions for M1 & M2 Monitor



#### M1 & M2 Monitor

- 1. Remote IR. Sensor
- 2. **Power LED** When use as M1 Monitor the Power LED is Green Color. When use as M2 Monitor the power LED is Red Color.
- 3. POWER Button To turn ON and turn OFF the M1 or M2 monitor.
- 4. SOURCE Button Press this button will select between DVD, AV1, AV2 and AUX.
- 5. IR. Transmitter LEDS
- 6. SCREEN MODE Button Press this button will select between Wide, Normal, aspect ratio or screen off (display OFF).
- 7. PLAY Button Press this button will activate the play mode.
- 8. STOP Button Press this button will stop the DVD disc.
- 9. **Headphone Jack** Allows the use of wired headphones with a 1/8" plug for listening to the video program audio.
- 10. AUX Input Jack (use with supplied AV adaptor)
  - · Auxiliary Audio Right Input
  - Auxiliary Audio Left Input
  - · Auxiliary Video Input
- 11. EJECT Button Press this button will eject the disc.
- 12. DVD disc insertion slot
  - 5

# **Controls and Indicators Diagram**

**Control Function Descriptions for Satellite Monitor** 



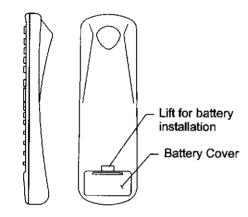
#### Satellite Monitor

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#### 1. Remote IR. Sensor

- 2. Power LED The Power LED is Red Color.
- 3. POWER Button To turn ON and turn OFF the satellite monitor.
- 4. SOURCE Button Press this button will select between AV1, AV2 and AUX.
- 5. IR. Transmitter LEDs
- SCREEN MODE Button Press this button will select between Wide, normal aspect ratio or screen off (display OFF).
- 7. **Headphone Jack** Allows the use of wired headphones with a 1/8" plug for listening to the video program audio.
- 8. AUX Input Jack (use with supplied AV adaptor)
  - Auxiliary Audio Right Input
  - Auxiliary Audio Left Input
  - Auxiliary Video Input

### **Remote Control Operation**

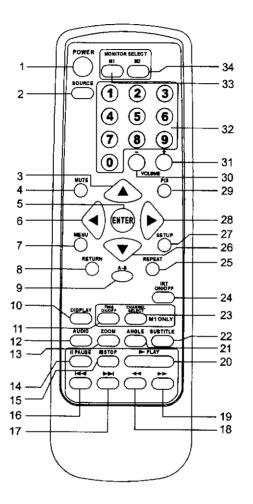


# **Battery Installation**

Before attempting to operate your remote control, install the batteries as described below.

- 1) Turn the remote control face down. Using a fingernail, lift the battery cover off.
- Install two "AAA" batteries. Make sure that proper polarity (+/-) is observed.
- 3) Align the cover tabs with the remote control and press down until the cover clicks.

The remote control will operate the KARR and most Audiovox VCP's. It is not a universal remote control and will not control equipment from other manufacturers.



#### **Remote Control Function Descriptions**

- Function control is available on the unit and remote control.
   NOTE: To control the individual units (M1 Monitor / Satellite or M2 Monitor) press either M1 or M2 before pressing any other button.
   For example, to turn M1 Monitor ON, press M1 and then the power button.
- 1. **POWER Button\*** Press this button to turn M1 or M2 monitor or Satellite Monitor on. Press the button again to turn M1 or M2 monitor or Satellite Monitor OFF.
- SOURCE Button\* Press this button to select the available sources. On M1 & M2 monitor, sources are DVD, AV1 (video from M2 or Satellite Monitor) AV2 & AUX. On Satellite Monitor, sources are AV1 (video from M1 monitor) AV2 & AUX.
   NOTE: If AV1 is selected on both units at the same time, there will be no display.
- 3. Up (A) Button Use this button to scroll upward in menu options.
- 4. MUTE Button Press this button to mute the audio. Pressing the button again restores the audio to the previously set level.
- 5. ENTER Button Used to implement a selected setting.
- 6. LEFT (<) Button Use this button to shift left in the menu options.
- 7. MENU Button Allows the user to access the main DVD menu.
- 8. RETURN Button Not used on this model.
- 9. A-B Button Allows the user to repeat playback of a DVD or CD from point A to point B. Press once to select starting point (A), press again to select ending point (B). Press a third time to cancelA -B repeat and resume play.

10. DISPLAY Button - Press to display the DVD Disc information (listed below).

Press DISPLAY button DV	VD Player Perform
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- Once Display current TITLE, CHAPTER, and elapsed
- Twice Display current SUBTITLE
- 3 times Display current AUDIO language & channel
- 4 times Display current SURROUND status
- 5 times Display current ANGLE
- 6 times Display A-B current status
- 7 times Display REPEAT current status
- 8 times Display off

Use cursor buttons for Title / Chapter selection, then press Enter button to implement the selection. For Subtitle, Audio, Surround, Angle, A to B & Repeat, press the Enter key repeatedly to change the options. These options may vary from disc to disc.

- 11. FM ON/OFF Button Tums FM Modulator power ON/OFF (Master Monitor Only).
- 12. AUDIO Button Press this button to display and select AUDIO language or track. Each time the button is pressed, the language or track changes.

NOTE: The languages track you can select vary from disc to disc.

#### 13. ZOOM Button - Press this button to zoom the picture

Press ZOOM button	<u>OSD</u>	DVD Player Perform
1 time	ZOOM x1.5	ZOOM picture 1.5 times
2 times	ZOOM x2	ZOOM picture 2 times
3 times	ZOOM x4	ZOOM picture 4 times
4 times	ZOOM OFF	Picture back to normal size

14. PAUSE (II) Button - Allows the user to pause the playback of the disc.

15. STOP (
Button\* – Press this button to stop at the current playback point. Press this button twice to stop playback.

- 16. PREVIOUS (IM) Button Allows the user to return to the previous chapter or track.
- 17. NEXT (M) Button Allows the user to skip to the next chapter or track.
- 18. REV (4) Button Allows the user to search in a backward direction at 2,4, 6 or 8 times the normal speed.
- 19. FWD (>) Button Allows the user to search in a forward direction at 2,4, 6 or 8 times the normal speed.
- 20. PLAY (>) Button\* Press this button to start playback when a disc is loaded into the disc compartment.
- 21. ANGLE Button Press this button to select various camera angles. Each time the button is pressed the angle will change. *NOTE:* The number of angles vary from disc to disc.
- 22. SUBTITLE Button Press this button to display and select subtitle language. Each time the button is pressed the subtitle language changes.

**NOTE:** The type & number of languages for subtitles vary from disc to disc.

- 23. CHANNEL SELECT Button Selects the FM modulator Frequency (M1 only) (Frequency 1: 88.3MHz, Frequency 2: 88.7MHz, Frequency 3: 89.1MHz, Frequency 4: 89.5MHz, Frequency 5: 89.9MHz).
- 24. IRT ON/OFF Button -- Press this button to turn the selected unit (M1/M2) IR Transmitter ON/OFF.
- 25. REPEAT Button Allows the user to repeat a selected Title, Chapter or Track of a DVD, CD or MP3.
- 26. Down (▼) Button Use this button to scroll downward in the menu options.

- 27. SETUP Button Allows the user to select the DVD player's setup options (Display, OSD Language, Defaults, Parental Control, Password, Exit Setup).
- 28. RIGHT (▶) Button Use this button to shift right in the menu options
- 29. **PIX Button (PICTURE SELECT)** Each time this button is pressed, the OSD will display the "adjustment bars" for BRIGHTNESS, CONTRAST, COLOR or TINT. Once the desired adjustment bar is displayed, use the VOLUME UP/DOWN buttons to adjust the setting. The display will automatically turn off if no adjustments are made within 6 seconds, or if any other button is depressed.
- 30. VOLUME DOWN (--) Button Use this button to decrease the volume level of the wired headphone jack. This is also used to make picture adjustments in picture select mode.
- 31. VOLUME UP (+) Button Use this button to raise the volume level of the wired headphone jacks. This is also used to make picture adjustments in picture select mode.

**NOTE:** The volume buttons will not affect the volume of wireless headphones or the RF modulator. When using these devices the volume must be adjusted with the wireless headphone volume control or with your radio's volume control.

- 32. NUMBER Buttons Allows the user to enter the numbers 0 to 9 for selection of CD tracks, DVD chapters, and password setting.
- 33. Monitor Select (M1) Change the Remote Control code to enable the control of Master Monitor.
- 34. Monitor Select (M2) Change the Remote Control code to enable the control of M2 or Satellite Monitor.

## SETTINGS AND ADJUSTMENTS

The Setup Menu contains features and options that let you customize your DVD player. For example, you can set a language for the onscreen display, limit playback for children.

#### Using the Setup Menu

1. Press the SETUP button on the remote. The Setup Menu appears on the screen as shown per diagram.



- 2. In order to Go to the desired page, move the highlight using the cursor button  $\blacktriangleleft$  or  $\blacktriangleright$  to the icon indicated.
- 3. After entering the desired page, highlight the desired item using the cursor button  $\blacktriangle$  or  $\blacktriangledown$ .
- 4. Press ► to move the highlight to the different options for the selected item.
  - Press ▲ or ▼ to select the desired options, and then press ENTER to confirm the selection.
- 5. Repeat steps 3~4 to continue setting the items in the same Setup Page.

#### Exiting the Setup Menu

Press the SETUP button again only.

#### LANGUAGE SETUP

#### Language for On-Screen Display

OSD MENU: The OSD MENU setup allows you to select the language for the on-screen display. The user can either select English, French, Spanish, Italian or German for the OSD language.



#### VIDEO SETUP

#### TV Display

The TV DISPLAY setup allows you to adjust screen setting (aspect ratio).

4:3 PS

This displays the wide picture on the screen with a portion of the left & right side removed. 4:3 LB

This displays the wide picture with black bands on the upper and lower portions of the screen. 16:9

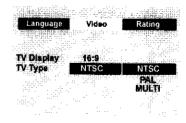
This displays a wide picture with black bands on the upper and lower portion of the screen. The bandwidth will vary, depending on the aspect ratio of the disc.

### TV Type

The TV TYPE setup allows you to select the system to fit to the color system of the TV to be connected.

NTSC - Select this type for NTSC TV PAL - Select this type for PAL TV MULTI - Select this type for multi-system TV

Language	Video	Rating
TV Display	16:9	4:3 PS
ту туре	NISC	4:313
	alista da Sinta	



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#### **RATING SETUP**

#### Password

After you selected the password change, just use the numeric buttons to key in the default password (3308), then press Enter. Only key in the default password then you can change the rating.

\*To close the password locked just key in the default password or you can key in a new password. Then press Enter to apply the changes.

#### Rating

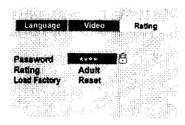
This item allows you to limit the content of movie playback from G to Adult. The lower the value, the more strict the control.

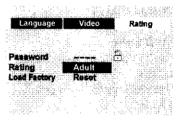
G PG PG – 3 R NC – 17 Adult

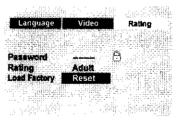
The Rating just can be open by key in the user password or default password. To apply the changes just press the Enter button and lock the password by key in the password again.

#### Load Factory

The Load Factory — Reset allows you to reset all options to factory settings. \* This function will not affect the Rating control settings.







#### Playing DVDs

1. Press the DISPLAY Button on the remote control to display the status banner.

#### 2. Selecting a Chapter

You can skip to a specific chapter by using the numbers keys. For example, if you want to skip to chapter 2, press '02'.

#### 3. Using the Repeat Feature

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

- REPEAT CHAPTER repeat the chapter that is playing.
- REPEAT TITLE repeat the title that is playing.

#### Playing Audio DVDs

1. When playing an audio CD, the DISPLAY banner appears automatically. It displays the track and amount of time for the track playing, the total amount of time on the disc and the elapsed time of the disc.

#### 2. Selecting a Track

You can skip to a specific track by using the numbers keys. After choosing the track, press ENTER to implement the selection.

#### 3. Using the REPEAT feature

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

- SINGLE repeat the track that is playing.
- ALL repeat the entire disc that is playing.

As you toggle through the options, the repeat option changes at that time. The track, for example, repeats once that track has ended. The selected repeat option loops repeatedly until you turn it off.

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#### Playing MP3 Discs

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

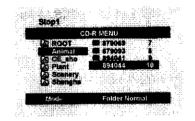
Press DISPLAY button on the remote to display the time counter display elapsed only.

- Time elapsed is the time that the song has played
- Time remaining is the amount of time left for the song being played.

#### Selecting Folders and Songs

When an MP3 is loaded in the player, the navigation menu appears automatically.

- 1. Press ▲ or ▼ to move the highlight to the desired folder and press ENTER to display the songs in the folder.
- 2. Press ▲ or ▼ to move the highlight to the desired song and press ENTER to begin playback of the highlighted song.



#### **Skipping Songs**

Use the Next (M) button on the remote control to move to the next song. Use the Previous (M) button to move to the previous song.

#### Selecting a Play Mode

You can choose what order the songs will play on a disc temporarily. The default play mode is FOLDER. Press REPEAT consecutively to choose the desired play mode. The play mode options are:

- FOLDER Plays the songs in a folder in the order they were recorded.
- SHUFFLE Plays the songs in a folder in random order (from within the selected folder).
- RANDOM Plays the songs in a folder in random order.
- SINGLE Plays a selected song.
- REPEAT ONE Repeat the song that is playing.
- REPEAT FOLDER Repeat the folder that is playing.

#### **Program Play**

To use the program play option, you must create a play list of songs in the order you want them to play. **NOTE:** Once you begin adding songs from a folder to create your play list, you cannot add songs from a different folder. 1. Choose the PROG-PO option for the PLAY MODE.

- 2. Highlight and enter the folder you want to program.
- 3. Add songs to the program list by pressing ENTER once the song is highlighted. The song you have chosen and the number of songs you have chosen appear at the top of the screen. For example, if you choose the number five song within the folder and it is the first song you have chosen, PROGRAM P01:05 appears.
- 4. You can continue to add songs to the list from within the same folder by using the up or down arrow button and then pressing ENTER to add it to the list.
- 5. When you are done creating the list, press STOP to end the programming, PROG-END is displayed. Then press PLAY to begin the program play mode.

#### **Deleting the Play list**

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To delete the entire play list, press STOP while the disc is playing and change to another play mode.

# SOURCE FEATURE

#### AV1

The Video input is from each monitor output for second monitor used.

The video input may be connected to a video game system, or other audio / video devices. To access the A/V inputs, turn the KARR on and press the source button on the KARR or the Source button on the remote control until "AV2" is displayed on the screen. Turn the video source component on with its power button or remote control. The KARR now ready to play the audio and video signals from the source connected to AV2 input.

Using the supplied A/V Adapter Cable (P/N 112B3227) the KARR will accept an audio / video input through the 1/8" jack located at the bottom right side of the screen. The audio / video device could be a video game system, video camera, or other input device.

The KARR provides a A/V output for optional video monitor(s). This output will provide a video signal that duplicates the signal displayed by the KARR to an additional monitor or video display. Please see your installer for more information.

#### **DVD Basics**

To get the optimum use out of the DVD section, make sure you read this section completely.

#### **Regional Coding**

Both the DVD player and disc are coded by region. These regional codes must match in order for the disc to play. If the codes don't match, the disc won't play. This unit's code is region 1. Other regional codes cannot be played in this unit. The unit will display "WRONG REGION".

#### Types of Discs your DVD will play

- DVD disc DVD discs which contain video.
- · Audio discs Audio CDs contain musical or sound content only.
- MP3 discs A disc that contains audio files (for example, a CD-R with downloaded MP3 files).
- VCD discs VCD discs which contain video.

#### Loading and Playing Discs

Before you load a disc, make sure that it is compatible with the player. *Note:* the following Discs **CANNOT** be used with this player :

- MiniDisc
- Laserdisc
- CD-1, CD-ROM, DVD-ROM, Super Audio CD (SACD), DVD Audio

#### To load and Play a Disc

Press the Power button to turn the unit ON. Select DVD mode and insert the disc (Label Up) into the disc compartment.

# TROUBLESHOOTING

PROBLEM	SOLUTION		
Poor in vehicle radio reception (FM modulator installed)	<ul> <li>Check the condition of the vehicle's radio antenna.</li> <li>Verify that the antenna is fully raised.</li> <li>Verify that it that the FM Modulator is turned OFF by using the remote.</li> </ul>		
IR sensor inoperative	<ul> <li>Verify that the batteries in the remote are fresh.</li> <li>Verify that the remote sensor eye is not obstructed.</li> <li>Verify that Master Monitor or Satellite Monitor has been selected correctly.</li> </ul>		
Disc won't play	<ul> <li>Check the type of disc you put into disc tray. This DVD only plays DVDs, audio CDs and MP3s.</li> <li>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 Number 1.</li> </ul>		
Play starts, but then stops immediately	<ul> <li>The disc is dirty. Clean it.</li> <li>Condensation has formed. Allow player to dry out.</li> </ul>		
No sound or distorted sound	<ul> <li>Make sure your DVD is connected properly. Make sure all cables are securely inserted into the appropriate jacks.</li> <li>If you are using the IR headphones, make sure you turn on the IRT power.</li> <li>Make sure the FM Modulator is ON and the proper Frequency has been selected.</li> </ul>		

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# TROUBLESHOOTING

PROBLEM	SOLUTION			
Can't advance through a movie	<ul> <li>You can't advance through the opening credits and warning information that appears at the beginning of movies because the disc is programmed to prohibit that action.</li> </ul>			
The icon ( $(\Pi)$ ) appears on screen	<ul> <li>The feature or action cannot be completed at this time because:</li> <li>1. The disc's software restricts it.</li> <li>2. The disc's software doesn't support the feature (e.g., angles)</li> <li>3. The feature is not available at the moment.</li> <li>4. You've requested a title or chapter number that is out of range.</li> </ul>			
Picture is distorted	<ul> <li>The disc might be damaged. Try another disc.</li> <li>It is normal for some distortion to appear during forward or reverse scan.</li> </ul>			
No forward or reverse scan	<ul> <li>Some discs have sections that prohibit rapid scanning or title and chapter skip.</li> <li>If you try to skip through the warning information and credits at the beginning of a movie, you won't be able to. This part of the movie is often programmed to prohibit skipping through it.</li> </ul>			
No Video on both screens	<ul> <li>Make sure that M1 Monitor and Satellite or M2 Monitor are not both set to AV1 at the same time.</li> </ul>			

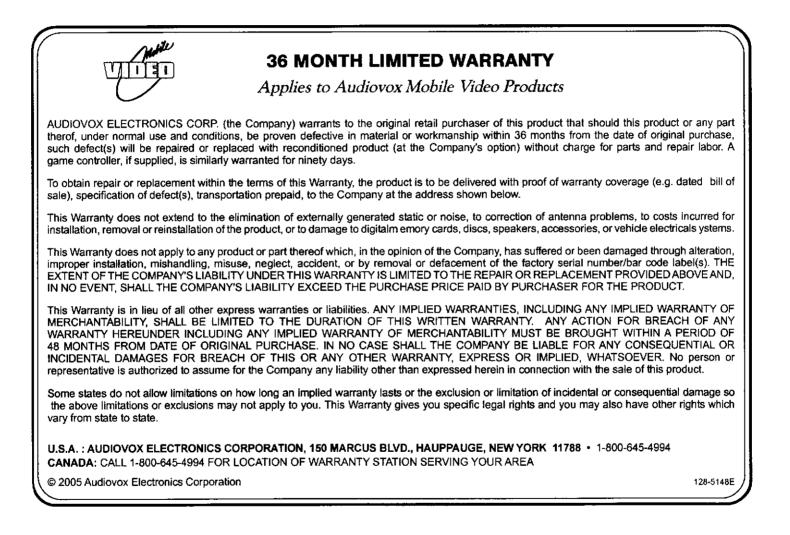


# CAUTION

- 1. Keep the monitor clean and dry.
- 2. Always seek qualified personnel to perform repairs. Never attempt your own repairs.
- Do not drop the monitor or expose to strong impacts.
   Do not expose to direct sunlight for extended periods of time.

# MONITOR SPECIFICATIONS

1. Туре	:	TFT Active Matrix LCD
2. Resolution	:	1440 (W) x 234 (H)
3. Pixels	:	336,960
4. Back Light	:	Edge Light Tube
5. Power Source	:	+12 VDC
6. Power Consumption	:	35W For 2 Monitors + 2 DVD
7. Operating Temperature	:	14°F ~ 125°F (-10°C ~ +52°C)
8. Storage Temperature	:	-4°F ~ 176°F (-20°C ~ +80°C)
9. Video Display System	:	NTSC/PAL
10. Backlight life	:	10,000 hours
11. Headphone Audio Output	:	0.03W @ 32 ohm
12. Video Output	:	1.0Vp-p @ 75 ohm



Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCCRULES. OPERATIONS IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFEERENCE THAT MAY CAUSE UNDESRIED OPERATION



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