



TOUCH AUDIO VD-300WR

OWNER'S MANUAL

LIPPERT
COMPONENTS®

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System

Safety Information



The “WARNING” symbol above is a sign that a service or maintenance procedure has a safety risk involved and may cause death or serious injury if not performed safely and within the parameters set forth in this manual.

Always wear eye protection when performing service or maintenance to the vehicle. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

This manual provides general service and maintenance procedures. Many variables can change the circumstances of the service procedure, i.e., the degree of difficulty involved in the service operation and the ability level of the individual performing the operation. This manual cannot begin to plot out procedures for every possibility, but will provide the general instructions for effectively servicing the vehicle. In the event the skill level required or the procedure too difficult, a certified technician should be consulted before performing the necessary service. Failure to correctly service the vehicle may result in death, injury or voiding the warranty.

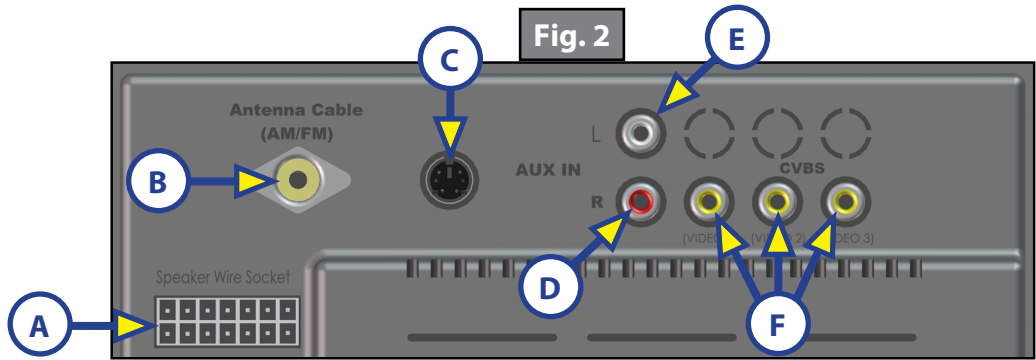
System Specifications

Feature	Specification
Laser	650um Wave Length
Video	Auto/NTSC
Frequency Response	20 Hz - 20 KHz
Signal/Noise Ratio	>95 dB
Dynamic Range	>80 dB (1 KHz)
Video Out	Output Level - 1vp-p
	Load Impedance - 75 Imbalance
	Negative Polarity
Power Supply	DC 12-14.4 V
Power Consumption	<50 W
Dimensions (WxHxD)	218mm x 185mm x 169mm
Weight	Approx. 2kg
AM Frequency	AM 520 ~ 1710 KHz
FM Frequency	FM 87.5 ~ 108 MHz
WB CH1 - CH7 MHz Frequency Range	CH1 - 162.400 MHz
	CH2 - 162.425 MHz
	CH3 - 162.450 MHz
	CH4 - 162.475 MHz
	CH5 - 162.500 MHz
	CH6 - 162.525 MHz
	CH7 - 162.550 MHz
Output Power	200 W PMPO



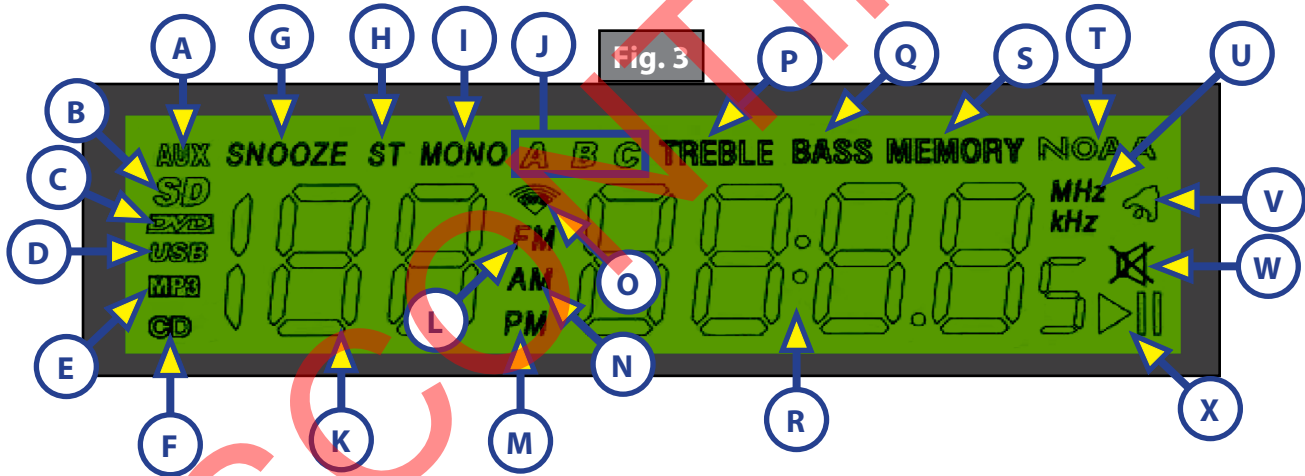
Callout	Description
A	Power
B	Reset (Must remove screw cover first)
C	A/B/C Speaker Outputs
D	Store/Clock
E	USB/SD/Band
F	Mode
G	LCD Display
H	Stop/Play/Pause/Fast Forward/Rewind
I	Eject
J	Remote Sensor
K	Snooze/Preset
L	Bass Boost
M	Volume Up/Volume Down
N	SD/MMC Card Port
O	USB Port
P	Auxiliary In

System Wiring Ports



Callout	Description
A	Wiring Harness Port
B	Automotive Antenna Port (AM/FM/WB)
C	Wired Remote Port
D	Auxiliary IN (R) TV Audio Input
E	Auxiliary IN (L) TV Audio Input
F	CVBS (3 Video Output)
NOTE: The wired remote with a 20ft cable is optional and plugs into Fig. 2C.	

System LCD Display



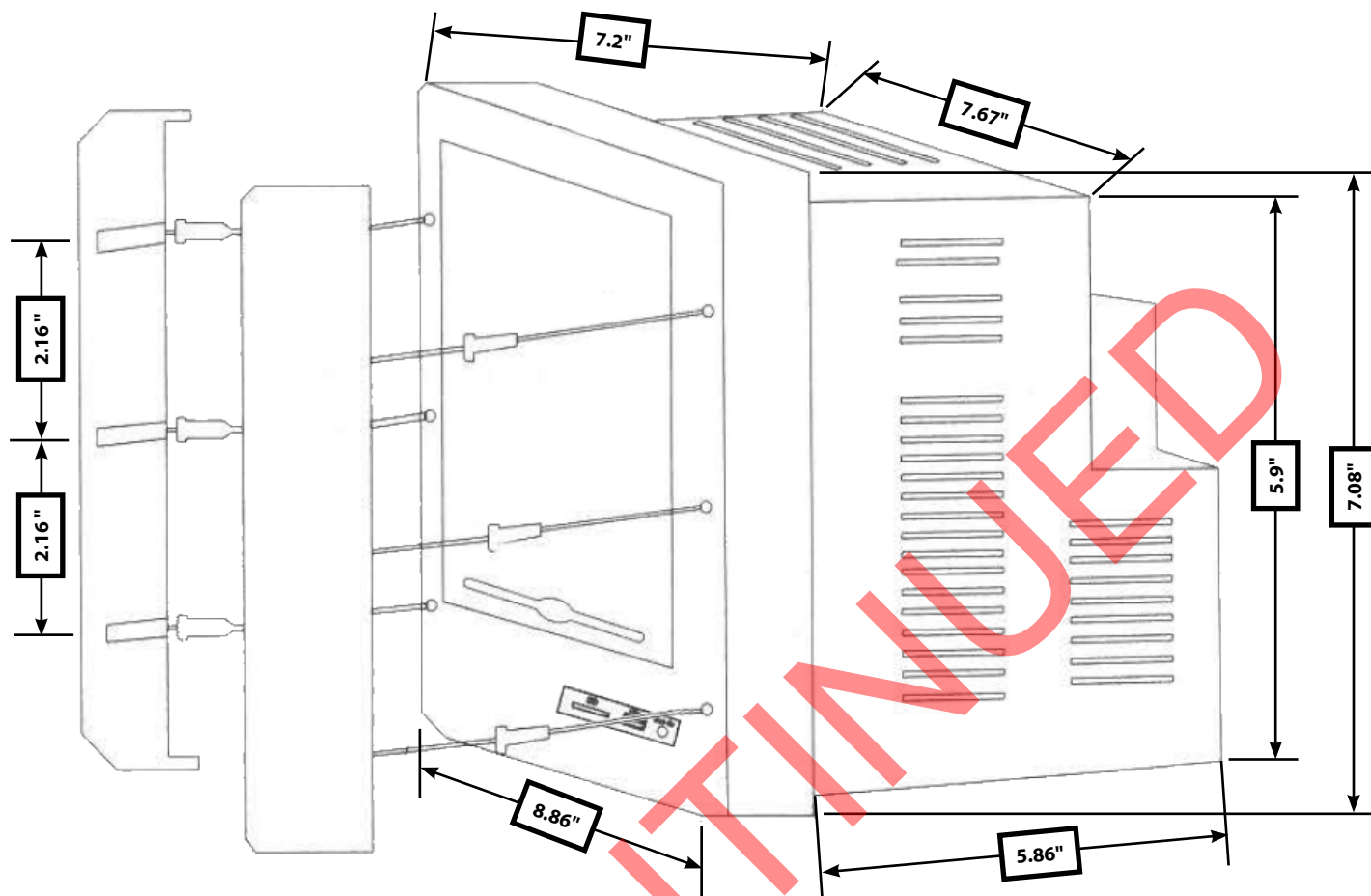
Callout	Description	Callout	Description
A	Auxiliary In Mode	M	PM Mode
B	SD/MMC Card Play	N	AM Mode
C	DVD Disc Play	O	WB Mode
D	USB Port Play	P	Treble
E	MP3/WMA Play	Q	Bass
F	CD Play	R	Disc/Radio/Clock Time
G	Snooze Mode	S	Memory
H	FM Stereo Audio Mode	T	NOAA
I	FM Mono Audio Mode	U	MHz/kHz Mode
J	A/B/C Speaker Outputs	V	Alarm
K	Track/Preset Number	W	Mute
L	FM Mode	X	Play/Pause



Callout	Description	Callout	Description
A	Power	Q	Repeat
B	Mute	R	Down Arrow
C	Alarm	S	Stop
D	Eject	T	Subtitle
E	Mode	U	Menu
F	Band/ Function	V	Tone
G	Memory/ Clock Adjust	W	Program
H	Volume Increase	X	Title
I	Setup	Y	Rewind
J	Up Arrow	Z	Fast Forward
K	Play/ Pause	AA	Previous
L	Volume Decrease	BB	Next
M	Channel Decrease/ Left Arrow	CC	A
N	Enter/ Snooze	DD	B
O	Channel Increase/ Right Arrow	EE	C
P	Language	FF	Zoom

Installation

Fig. 5



Accessories included:

- Wireless Remote
- FM Antenna (Pig Tail)
- RCA Cable (Video)
- Batteries (x2)
- Mounting Screws (x6)
- Wiring Harness (DC Power and Speakers)
- DC Power Extension (Red and Black Wires)

Mounting the Touch Audio:

1. Remove the screw covers.
2. Connect all wires and test the radio.

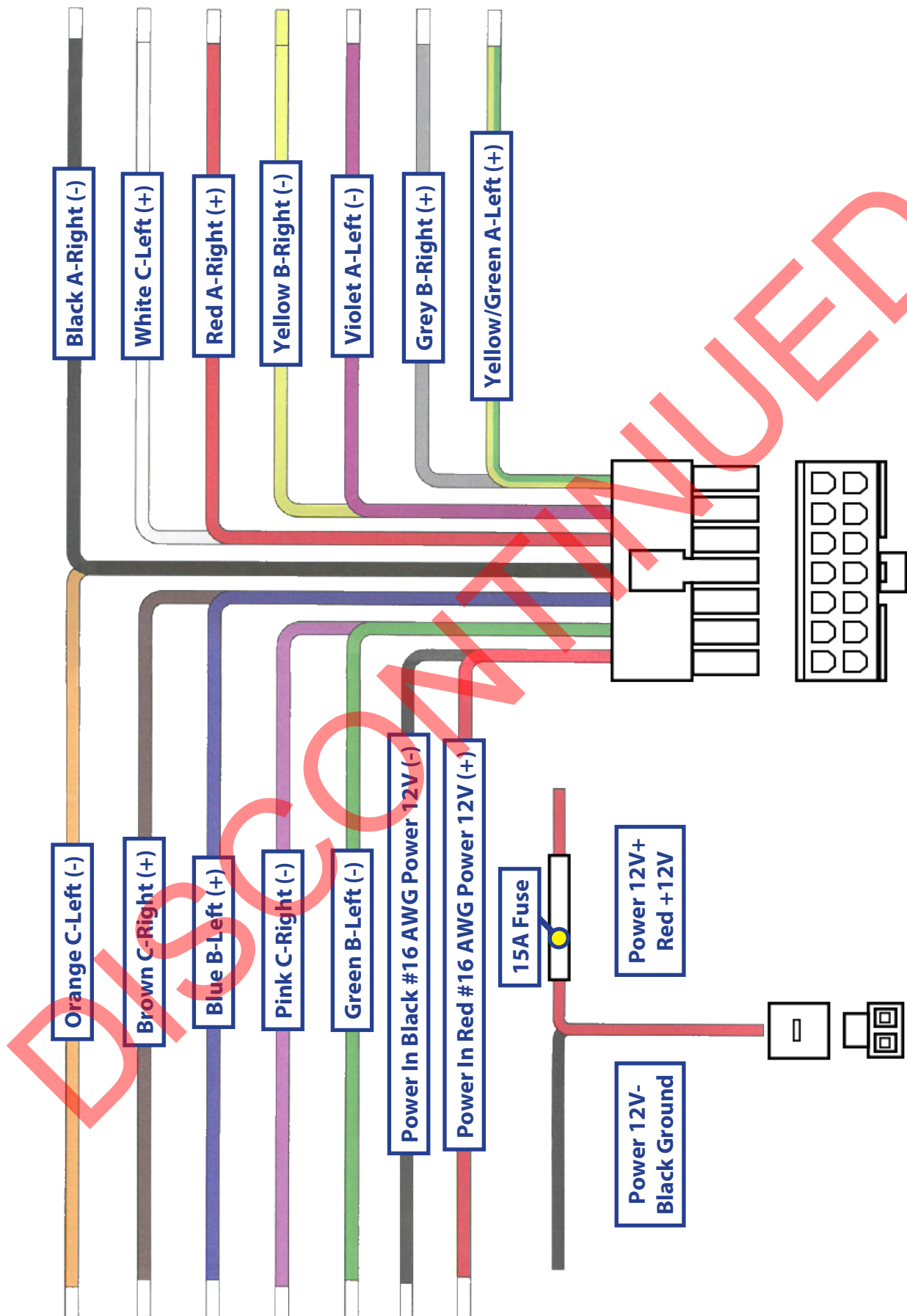
⚠ CAUTION

Connecting the speakers wrong will cause distortion and damage the power amplifier.

3. Mount the radio in the wall or cabinet.
4. Screw the unit in place, replace screw covers.

Speaker Wiring Harness

NOTE: Wrong connection or reversed polarity (+/-) can cause distortion and damage the power amplifier.



Operation

Remote

1. Power
 - A. Select power on or standby.
2. Setup
 - A. The setup screen will appear for Touch Audio settings.
- NOTE:** If pressed during DVD playback it will take you to the setup menu and auto pause the DVD.
3. Program
 - A. Saves the desired program.
4. Mode
 - A. Cycles through WB, auxiliary, radio and disc playback.
5. Band/Function
 - A. Cycle through radio modes including; FM, AM, Tuner and auxiliary.
6. Language Select
 - A. Press to select a language for instructions and press again to select disc language.
7. Alarm
 - A. Set an alarm.
8. Bass/Tone
 - A. Turn on bass boost.
9. Memory/Clock Adjust
 - A. Press to save current radio stations and set the clock time.
10. A
 - A. Select speaker channel A.
11. B
 - A. Select speaker channel B.
12. C
 - A. Select speaker channel C.
13. Subtitle
 - A. Turns on subtitles and cycles subtitle languages.
14. Up
 - A. Selects and changes modes and features setup.
15. Down
 - A. Selects and changes modes and features setup.
16. Channel Down /Left
 - A. Changes channel down and selects options in menu.
17. Channel Up /Right
 - A. Changes channel up and selects options in menu.
18. Snooze/Enter
 - A. Confirms selection and snoozes for 9 minutes.
19. Volume Up
 - A. Increases the volume output.
20. Volume Down
 - A. Decreases the volume output.
21. Eject
 - A. Removes disc.
22. Menu
 - A. Switches to menu mode.

NOTE: DVD playback must be stopped before entering menu mode.

- 23. Title**
 - A.** Returns to the selection menu of DVD playback.
- 24. Mute**
 - A.** Reduces audio output to 0.
- 25. Stop**
 - A.** Stops playback , press play/pause to resume.
- 26. Play/Pause**
 - A.** Enters/returns normal playback. When in playback mode press to pause playback.
- 27. Repeat**
 - A.** Repeats current chapter or track. Press it twice to repeat the current disc or title.
- 28. Rewind**
 - A.** Reverses playback with no audio. Press multiple times to increase reversal speed.
- 29. Fast Forward**
 - A.** Increases playback speed with no audio. Press multiple times to increase playback speed.
- 30. Previous**
 - A.** Skips back to previous chapter or track.
- 31. Next**
 - A.** Skips forward to next chapter or track.
- 32. Zoom**
 - A.** Magnifies image during VCD/SVD/DVD playback.

Touch Audio

1. When radio is in stand-by mode, touch any button and the panel will light temporarily.
2. Press power to turn the unit on.
3. Touch mode to cycle through auxiliary, radio and disk playback.
 - A. To use USB or SD, unit must be on disk playback mode, then press USB/SD.
 - B. To switch between AM and FM, unit must be on radio mode, then press band to cycle.
 - I. Press preset to view the stations saved on the unit.
 - a. To store a station in the presets, press and hold store for 2 seconds and the station will begin to flash.
 - b. Press store again to save the station to the preset, the station will stop flashing when it has been saved.
 - II. To select a preset, press preset and cycle through till the preset desired is shown and press play.

NOTE: There are 20 presets for AM and FM.

- C. While on weather band mode use fast forward/rewind on the Touch Audio or up/down on the remote to cycle through the channels in your state.

NOTE: Weather band alarm (NOAA) is active on radio, auxiliary and in standby modes only. It will last 2 minutes then turn off automatically.

- D. To use DVD and CD playback unit must be on disk playback mode.
 - I. If there is a disk in the Touch Audio, press eject to remove it.
 - II. Insert a disk and it will automatically be loaded.
 - III. Once a disk is inserted follow the on-screen instructions to play the DVD or CD.
4. Press A, B, or C to change the speaker outputs.

NOTE: Channel A is two speakers, B is four speakers and C is six speakers.

5. Press bass boost to activate bass.
 - A. Use remote tone button to adjust bass and treble levels.

Radio Mode

This unit has a presetting of 10 FM and 10 AM stations. Once in radio mode:

1. Press band to choose between FM, AM, and weather band.
2. Press up/down on the remote or fast forward/rewind on the unit to select desired frequency.
3. Memory on the remote or store on the unit can memorize/store a station in the presets.
 - A. Press memory/store and the frequency will begin to flash.
 - B. Press memory/store again to save the frequency to a preset, the frequency will stop flashing when it has been saved.
4. Press previous/next on the remote or fast forward/reverse on the unit to cycle station presets.

NOTE: If there is a weak signal adjust the antennae to the most adequate position.

Weather Band

Once in weather band mode:

1. Press fast forward/rewind on the Touch Audio or up/down on the remote to cycle through the channels in your state.

To set weather alarm:

1. Set the weather band to the local weather frequency.
2. Turn radio off.

NOTE: When the radio is off the weather band will display on the LCD. When there is a weather alert the alarm will go off and the light and radio will turn on to the weather band's frequency.

To turn off weather alarm:

NOTE: Radio must be on.

1. Press the mode button to select NOAA function.
2. Press the alarm button on the remote to turn the alarm off.

NOTE: Alarm is on when the alarm icon on the LCD is displayed and off when it isn't.

Programming

TV System

Choose the color system setting according to the TV.

1. Auto - When the Touch Audio is connected to a multi-system TV.
2. NTSC - When the Touch Audio is connected to a NTSC TV.
3. PAL - When the Touch Audio is connected to a PAL TV.
4. PAL60 - When the Touch Audio is connected to a PAL60 TV.

NOTE: Default setting is NTSC.

Power Resume

If the power resume setting is on - when the Touch Audio is in stop, no disk state, or on a frozen frame for more than 60 seconds, the screen saver will be displayed to protect the screen from damage.

Auto Play

If the auto play setting is on - when a disk enters the Touch Audio it will play automatically.

TV Type

1. 16:9 (Wide Screen) - This setting is for wide screen TVs to maximize pixels for better viewing quality.
2. 4:3 LB (Letter Box) - This setting is for normal TVs and will show the movie in its normal aspect ratio. Could possibly have black bars at the top and bottom of the TV.
3. 4:3 PS (Pan and Scan) - This setting is for normal TVs and will use the entire TV screen while holding aspect ratio. Some of the picture may be lost of the sides.

NOTE: The aspect ratio chosen should relate to the recorded disk format as some images may not be displayed if native ration is not selected.

Rating

The rating setting will limit the disks that are playable by the rating set by the user. The rating varies from "Kid Safe" to "Adult". The default setting is "View All" which nullifies the rating limit.

NOTE: If the password option is locked, you cannot set the ratings limit; the rating limit does not work when the password option is unlocked.

Default

Choose this option to return all setup options to factory settings.

Language Setup

1. On screen display language setup:
 - A. Highlight the OSD Language option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the language desired.
 - C. Press enter on the remote to select the language for the on screen display.
2. Audio language setup:
 - A. Highlight the Audio Language option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the language desired.
 - C. Press enter on the remote to select the language for the audio.
3. Subtitle language setup:
 - A. Highlight the Subtitle Language option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the language desired.
 - C. Press enter on the remote to select the language for the subtitles.
4. Menu language setup:
 - A. Highlight the Menu Language option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the language desired.
 - C. Press enter on the remote to select the language for the menus.

NOTE: If the desired language is not available on a disk, the Touch Audio will display the default language of Chinese.

Audio Setup

1. Audio output setup:
 - A. Highlight the Audio Out option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the output mode desired.
 - C. Press enter on the remote to select the audio output mode designated.
2. Key setup:
 - A. Highlight the Key option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the key output desired.
 - C. Press enter on the remote to select the key output designated.

Video Setup

1. Brightness setup:
 - A. Highlight the Brightness option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the brightness level desired.
 - C. Press enter on the remote to select the brightness level designated.
2. Contrast setup:
 - A. Highlight the Contrast option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the contrast level desired.
 - C. Press enter on the remote to select the contrast level designated.
3. Hue setup:
 - A. Highlight the Hue option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the hue level desired.
 - C. Press enter on the remote to select the hue level designated.
4. Saturation setup:
 - A. Highlight the Saturation option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the saturation level desired.
 - C. Press enter on the remote to select the saturation level designated.

Speaker Setup

1. Down mix setup:
 - A. Highlight the Down Mix option and press enter on the remote.
 - B. Use the up/down arrows on the remote to designate the down mix output desired. Speaker down mix options include:
 - I. LT/RT
 - a. Output will create a theatre audio output if the disk's audio was encoded in Pro Logic Dolby Digital Format.
 - II. Stereo
 - a. Output will have two channels of output coming from the left and right soundtrack .
 - III. VSS
 - a. Output will use a 5.1 format if it was encoded in 5.1 channels.
 - C. Press enter on the remote to select the down mix output designated.

Troubleshooting

Problem	Probable Cause	Corrective Action
Unit frozen/ Touch pad does not respond	System overloaded	Remove left side screw cover and press the Reset button.
No sound	Loose connection	Check connections between the unit and speakers; reconnect.
	Setup does not support audio mode or speaker channel selected	Check the audio mode and speaker channel selected and make sure the setup supports it.
No picture	Unit in incorrect mode	Set unit to correct mode and retry.
	Loose connection	Check connections between unit and TV; reconnect.
	Malfunctioning TV	Check TV with different inputs to verify it's working properly. Repair or replace.
Disk does not play	Disk was loaded incorrectly	Remove disk and re-insert into unit label side up.
	Disk is damaged or dirty	Clean or replace disk.
Wireless remote does not work	Interference between remote and unit	Move obstacle and/or point remote directly at the wireless remote sensor .
	Remote battery is dead	Replace/recharge battery.



Callout	Part #	Description
A	249618	Touch Audio V300i System
B	247381	Touch Audio Remote
C	286572	Touch Audio Elite System (Winnebago Indiana Only)

DISCONTINUED



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