

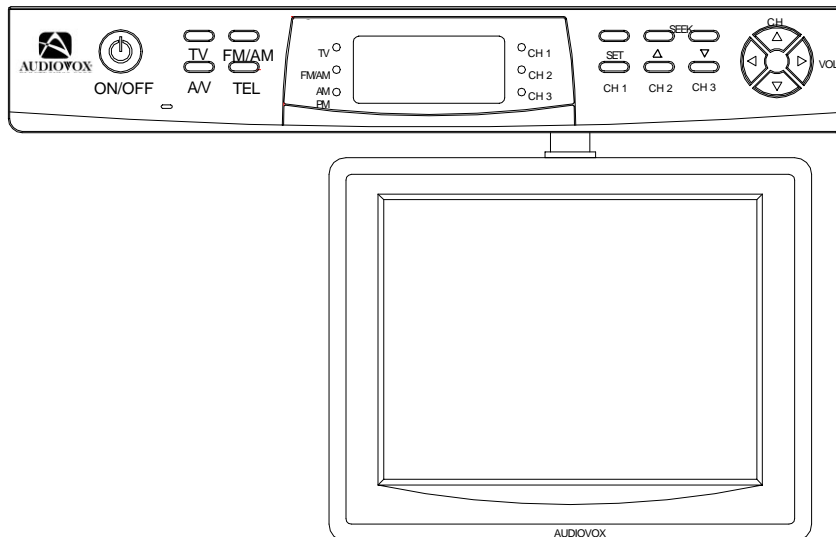
AUDIOVOX™
CORPORATION

Installation and Operation Manual

VE-640

Low Profile Television

6.4" LCD Drop Down Under Counter TV / Video Monitor



FEATURES

- Multi-Function Remote Control
- Built-In Telephone Mode
- Cable Ready 125 Channel Tuner
- Internal Stereo Speakers
- Under Cabinet Mounting
- A/V Input

IMPORTANT SAFETY INFORMATION

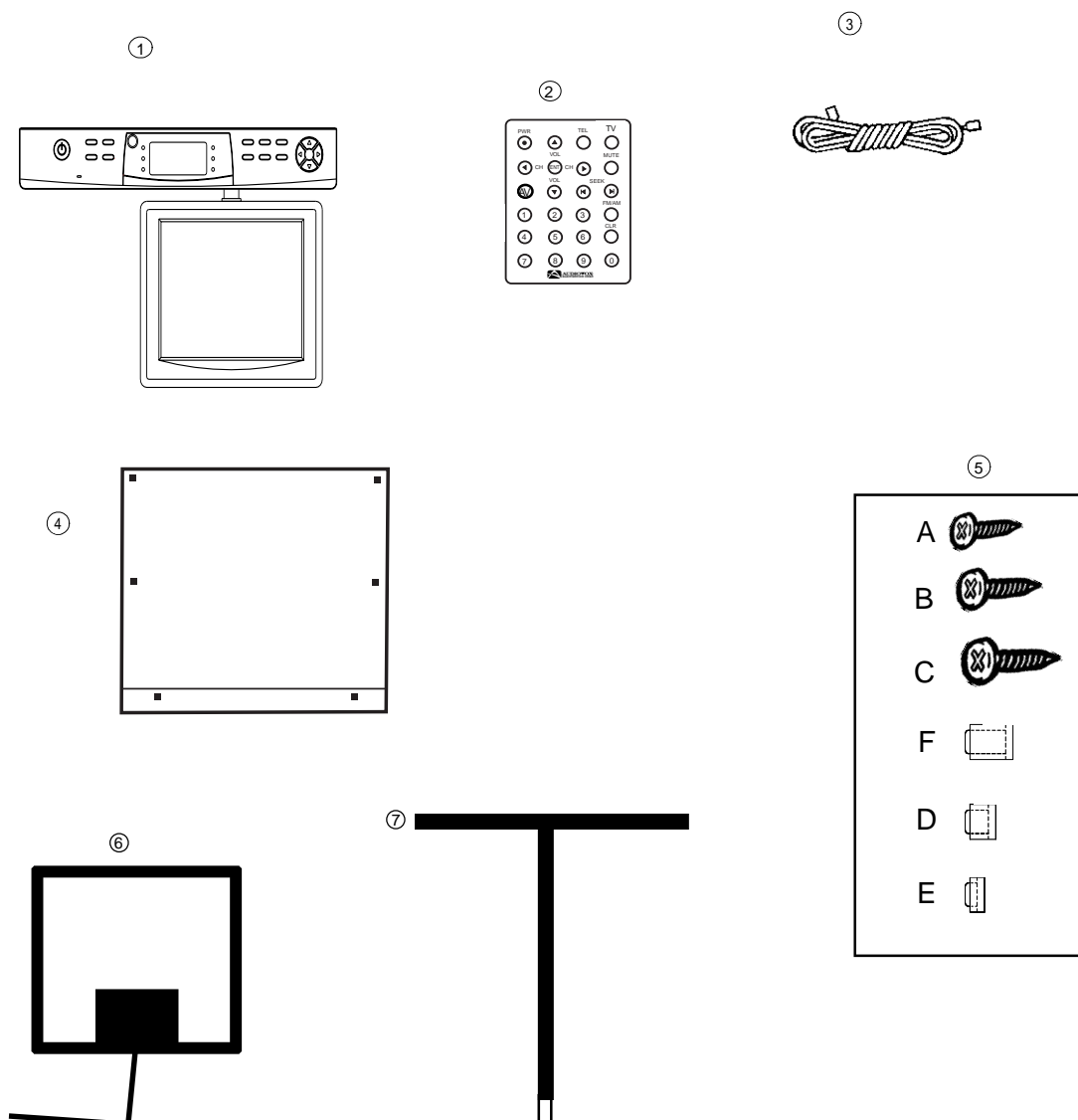
- 1) Unplug the unit before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 2) Use only Audiovox approved accessories.
- 3) Do not install this video product where it is likely to be exposed to water.
- 4) Do not obstruct the slots and openings in the cabinet. They are provided for ventilation and are necessary to ensure reliable operation of the TV and to protect it from overheating. This TV should never be placed near or over a radiator or heat register.
- 5) Do not overload electrical outlets or use extension cords as this can result in a risk of fire or electric shock.
- 6) Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the TV.
- 7) **Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.**
- 8) Unplug this TV from the outlet and refer servicing to qualified service personnel under the following conditions:
 - a) If the TV has been exposed to water.
 - b) If the TV does not operate normally when following the operating instructions.
 - c) If the TV has been dropped or the cabinet has been damaged.

INCLUDED IN THIS KIT

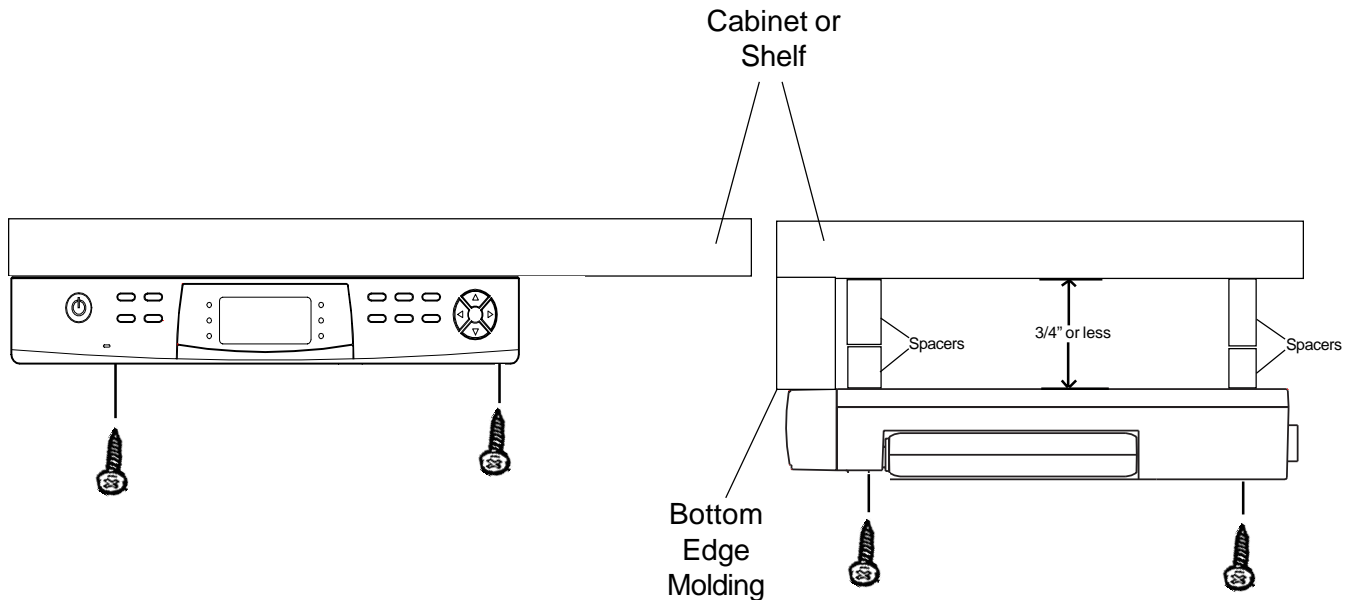
- 1 VE-640 Television
- 2 Remote Control Unit (PN 136C2037)
- 3 AC Power Cord (PN 136B2038)
- 4 Mounting template
- 5 Hardware Bag (PN 1501395)
 - A 3/4" Mounting screws (4)
 - B 1-1/4" Mounting screws (4)
 - C 1-1/2" Mounting screws (4)
 - D 3/4" Spacer (4)
 - E 1/2" Spacer (4)
 - F 1/4" Spacer (4)
 - G Self Adhesive Wire mounting clip (1) (Not Shown)
- 6 AM Antenna
- 7 FM Dipole Antenna

TOOLS REQUIRED

- Philips Head Screwdriver
- Centerpunch
- 1/8" Drill Bit
- Electric Drill
- Adhesive Tape



UNDER CABINET INSTALLATION

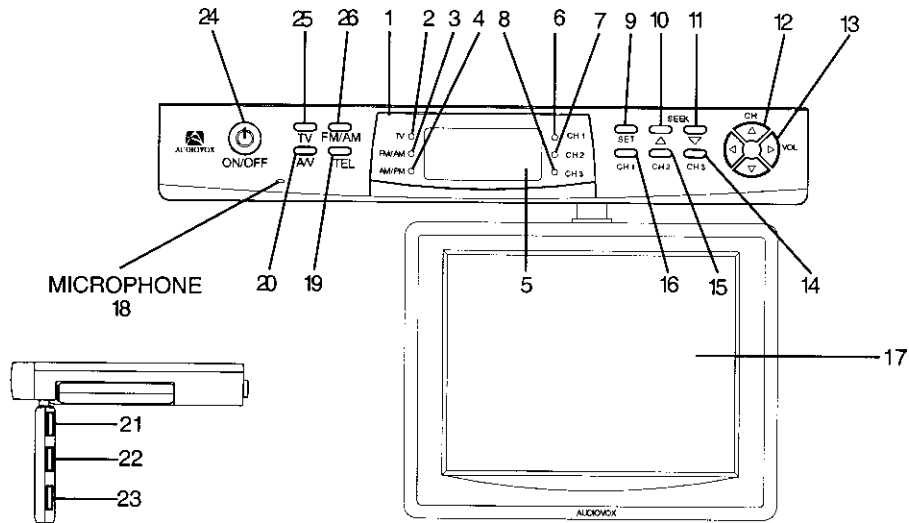


FRONT VIEW

SIDE VIEW

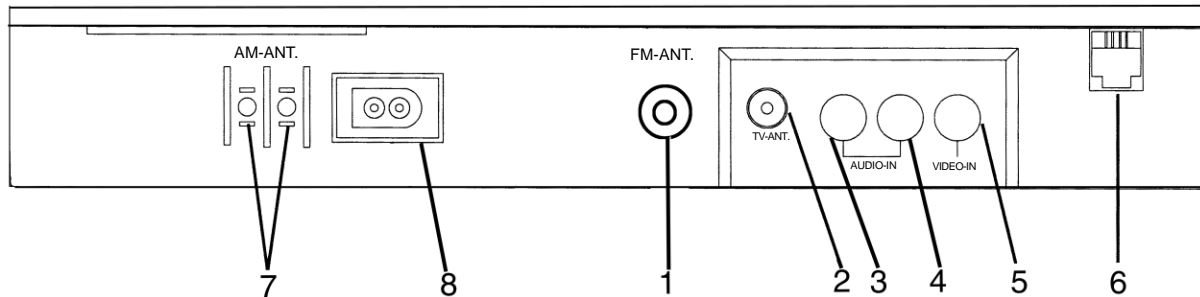
- 1) Choose an appropriate mounting location underneath a cabinet or shelf. Close proximity to an electrical outlet and a TV antenna or cable connection will facilitate a neat, easy installation. Do not mount the VE-640 above a range or oven. Be sure that the location chosen will provide adequate access to the electrical connectors on the rear of the unit before continuing.
- 2) If the location chosen has bottom edge molding it may be necessary to use the mounting spacers provided to effectively lower the VE-640's below or even with the molding. Measure the distance between the bottom of the molding and the bottom of the cabinet. For larger moldings choose a combination of spacers which will allow the VE-640 to be secured to the bottom of the cabinet.
- 3) Measure the thickness of the bottom of the cabinet or shelf and the spacers chosen. Select the shortest screw length which will secure the VE-640 to the bottom of the kitchen-cabinet.
- 4) Cut out the template supplied and tape it in place onto the cabinet surface to be drilled. Center punch the four holes indicated on the template and remove the template.
- 5) Carefully drill four 1/8" holes at the locations marked above. Place the screws selected through the VE-640 and then through the spacers (if required from the bottom-up).
NOTE: To facilitate wiring, connect all wires to the rear of the unit before attaching to the cabinet.
- 6) Position the VE-640 and screw it in place using the selected screws. Do not overtighten.
- 8) Connect your TV antenna or cable system to the antenna connector on the rear of the VE-640.
- 9) Plug the AC wire into the AC input connector on the rear of the VE-640 and then into the wall.
- 10) If using the speaker phone feature, plug the VE-640 into a phone jack.
- 11) Attach the FM Dipole Antenna to the FM Antenna screws.
- 12) Route the wires safely away from heat and moisture sources and secure them in place, using the self adhesive wire mounting clip provided.

FRONT PANEL CONTROLS



- 1) REMOTE INFRARED SENSOR-This sensor receives infrared signals from the hand held remote control unit.
- 2) TV INDICATOR-When illuminated, the VE640 is in television mode.
- 3) FM/AM INDICATOR-When illuminated, the VE640 is set to receive AM or FM radio broadcast.
- 4) AM/PM INDICATOR-When illuminated indicates PM, not illuminated indicates- AM.
- 5) LCD-DISPLAY- Displays the channel number, FM/AM frequencies, the time of day and Auxillary Input (AU).
- 6) CH 1 INDICATOR-When illuminated, the VE-640 is tuned to the preset channel 1.
- 7) CH 2 INDICATOR-When illuminated, the VE-640 is tuned to the preset channel 2.
- 8) CH 3 INDICATOR-When illuminated, the VE-640 is tuned to the preset channel 3.
- 9) SET-Press this button to set the time, alarm, and the FM/AM broadcast.
- 10) SEEK UP BUTTON-Press this button for the next higher available channel with sufficient signal strength.
- 11) SEEK DOWN BUTTON-Press this button for the next lower available channel with sufficient signal strength.
- 12) UP&DOWN CH-BUTTONS-Press these buttons to increase or decrease the channel to view a specific channel.
- 13) UP & DOWN (VOL) BUTTON-Press these buttons to increase, or decrease the volume level.
- 14) CH3-BUTTON-Press this button to view the third user programmed channel.
- 15) CH2-BUTTON-Press this button to view the second user programmed channel.
- 16) CH1-BUTTON-Press this button to view the first user programmed channel.
- 17) LCD-SCREEN-Displays video signals.
- 18) Microphone- For hands-free speaker phone operation.
- 19) TELEPHONE BUTTON (TEL)-Pressing this button allows the user to answer an incoming call.(The VE-640 contains hands free speakerphone).
- 20) AUDIO-VIDEO BUTTON (AV)-Press this button to view an external A/V source that is plugged into the rear A/V jacks.
- 21) CONTRAST CONTROL- This control (located on the side of the LCD) adjusts the picture contrast.
- 22) COLOR CONTROL- This control (located on the side of the LCD) adjusts the color level of the picture.
- 23) BRIGHTNESS CONTROL-This control (located on the side of the LCD) adjusts the brightness of the picture.
- 24) ON/OFF BUTTON-Press this button to turn the VE-640 ON and OFF.
- 25) TV BUTTON-Press this button to have the VE-640 to switch back to TV mode.
- 26) FM/AM BUTTON- Allows user to set the VE-640 to receive AM or FM radio broadcasts.

REAR PANEL CONNECTIONS



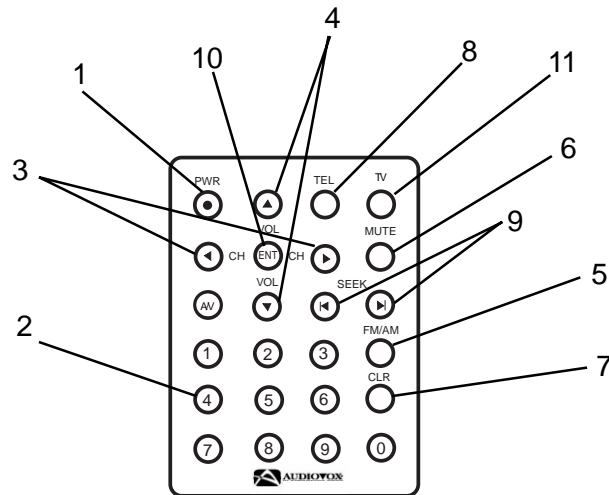
- 1) FM ANTENNA- Allows the VE-640 to be connected to an external antenna for the reception of FM broadcast signals.
- 2) 75 OHM ANTENNA CONNECTOR Allows the VE-640 to be connected to a 75 ohm external coaxial antenna.
- 3) AUDIO INPUT-RIGHT-Connect to right audio output from external A/V source.
- 4) AUDIO INPUT-LEFT-Connect to left audio output from external A/V source.
- 5) VIDEO INPUT-Connect to the video output from external A/V source.
- 6) TELEPHONE JACK-Connect to Telco jack for speakerphone.
- 7) AM ANTENNA-Allows the VE-640 to be connected to an external antenna for the reception of AM broadcast signals.
- 8) POWER INPUT-Connect to AC line cord supplied with the VE-640.

BATTERY INSTALLATION



- 1) Turn the Remote Control face down. Place a finger, or coin in the open slot, slide battery holder out.
- 2) Install the CR2025 battery into its proper slot.
- 3) Slide the cover back until it clicks.

REMOTE CONTROL FUNCTIONS



NOTE: The remote control has a magnet on the rear of the control for easy storage on a metal surface. (Do not store on oven or range).

- 1. POWER ON/OFF (PWR)**
Press this button to turn the TV on. Press the button again to turn the TV off.
- 2. NUMERICAL BUTTONS (1- 9, 0)**
Use these buttons to make a direct channel selection. The channel number chosen will be displayed on the front panel of the VE-640. Channel selection is carried out using the 0-9 keys.
- 3. CHANNEL UP/DOWN BUTTONS (CH)**
Use these buttons to advance to the next higher or lower channel.
- 4. VOLUME UP/DOWN BUTTONS (VOL)**
Use these buttons to increase or decrease the volume.
- 5. FM/AM BUTTON (FM/AM)**
Each time this button is pressed, the VE-640 will alternate between AM and FM stereo.
- 6. MUTE BUTTON (MUTE)** Indicated by 6 flashing LED's on front panel.
Press this button to remove all sound. Pressing the button again restores sound to the previously set level. The mute feature may also be released by pressing the VOLUME UP/DOWN BUTTONS.
- 7. CLEAR BUTTON (CLR)**
Press this button to erase an incorrect channel entry.
- 8. TELEPHONE BUTTON (TEL)**
Press this button to answer your telephone from your VE-640.
- 9. SEEK BUTTONS (SEEK)**
Tunes the VE-640 to next station of sufficient signal strength.
- 10. ENTER (ENT)**
Pressing the enter button (ENT) will cause the channel change to occur immediately.
- 11. TV-Select TV function.**

OPERATION

TURNING THE VE-640 ON/OFF

- 1) Press the ON/OFF button to turn the unit on.
- 2) Press the ON/OFF button again to turn the unit off.

CHANNEL TUNING SET UP

In addition to normal broadcast reception of VHF and UHF channels, if you are a Cable TV subscriber, your new TV is capable of receiving many unscrambled Cable channels without the use of a converter box. When set to Broadcast TV it receives CH2-CH69. When set to one of the CATV modes (STD, HRC, or IRC) it receives CH1-CH125. **NOTE:** Most cable companies broadcast in STD Mode.

POSITIONING THE SCREEN

Pivot the screen forward until a comfortable viewing angle is reached. The screen may also be rotated from side to side. Do not force the screen beyond its rotational limit. The VE-640 is now ready for use. Pressing the power button on the TV or the remote will turn the system on or off. Remember to turn the unit off and pivot the screen to the closed position when not in use.

SETTING THE TIME

NOTE:All settings will be performed with the VE-640 turned off.

- 1) Press the **SET** button and the minutes will flash.
- 2) Use the channel up and down button to set the minutes.
- 3) Press the volume up/down buttons to toggle between the hour and minutes.
- 4) Use the channel up and down buttons to set the hour. (Check AM/PM indicator)
- 5) Press the **ON/OFF** button to confirm time setting.

SETTING ALARM

- 1) Press the **SET** button twice and VE-640 is in alarm mode indicated by five flashing LED's.
- 2) Use the channel up and down button to set the minutes.
- 3) Press the volume up/down buttons to toggle between the hour and the minutes.
- 4) Use the channel up and down button to set the hour. (Check AM/PM indicator)
- 5) Press the **SET** button three times to return to the time display on the LCD panel. The alarm is now set.

SETTING THE ALARM TONES

- 1) Press the **SET** button twice (power off)
- 2) Press the **SEEK** button down once to hear the alarm tone.
- 3) Pressing channels 1, 2, or 3 will select different tone.
- 4) While the alarm is sounding set the alarm volume by pressing the volume up/volume down buttons.
- 5) Press the **SET** button to select this tone and volume combination.
- 6) When the alarm sounds, press the set button to turn it off.

SETTING THE CABLE TV MODE

- 1) Press the **SET** button three times to enter the cable configuration mode. **AIR** appears on the display. (Pressing channel 1 button switches from broadcast TV (VHF or UHF) to cable TV).
- 2) Press the channel 1 button, and switch to cable. **CABL** will appear on the LCD.
- 3) Press the **SET** again to display the cable system mode (Standard, IRC, HRC).
When the desired mode is reached, press the **SET** button to confirm.
- 4) Press the channel 1 button to select the cable mode (STD/IRC/HRC).

OPERATION CONTINUED

SETTING THE PRESETS (FOR AM AND FM RADIO OR TV MODES)

- 1) Tune to the desired channel.
- 2) Press the set button and the display flashes.
- 3) Select desired Preset (Channel 1, 2, or 3) and the LED adjacent to the preset will illuminate to confirm selection.

TROUBLESHOOTING

Problem	Solution
Poor Reception	Verify Tuner setting matches Antenna / Cable broadcast system.
Remote control will not function	Verify that the sensor on the VE-640 is not obstructed. Verify that the infrared LED on the transmitter is not obstructed. Check the condition of the remote control batteries.
Black and White Reception	Verify Tuner setting matches Antenna / Cable broadcast system. Try other system types with the TV/CATV BUTTON of the remote control.
No picture on screen	If unit is in AUX MODE and there is no video signal present, the screen will be blank. Press the TV button to display the picture.

TECHNICAL SPECIFICATIONS

Illumination:	CCFL Edge Lit Tube
Backlighting Life Expectancy:	10,000 Hrs.
Pixels:	224, 640
Resolution:	960 x 234
Power Supply:	120 VAC 60 Hz, 22 Watts
Operating Temperature:	0° - 40° C
Frequency Range:	AM 520 kHz-1710 kHz FM 87.5 MHz-108 MHz
Channels:	(2- 69) VHF/UHF 125 CABLE TV
TV System:	NTSC
Audio Output:	1.2 W/4 Ohms (2 Speakers)
Body Size:	11-3/4"W x 11 "D x 2"H (Closed) 11-3/4"W x 11 " D x 7-5/8"H (Open)
Screen:	TFT, Active Matrix LCD 6.4" Diagonally Measured
Weight:	4. 85 lbs



90 DAY LIMITED WARRANTY

Applies to Audiovox 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 90 days 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.

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 tapes, discs, speakers, accessories, or electrical systems.

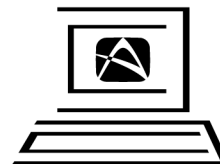
This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE 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.

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