

P-87S

HIGH POWER DETACHABLE FACE ELECTRONICALLY-TUNED AM/FM/MPX RADIO WITH AUTO-REVERSE CASSETTE PLAYER, CD CHANGER CONTROLS AND QUARTZ CLOCK

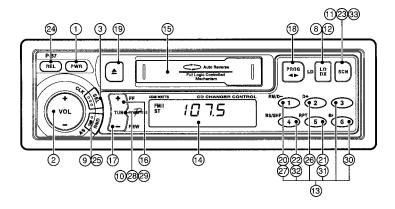


# OWNER'S MANUAL

#### **INDEX**

	Page
Operating Instructions	1 - 7
Setting the Clock	8
Frequency Step Switch	8
CD Changer Controls	9 - 10
CD Changer Error Codes	10
Specifications	11
Care and Maintenance	12
Warranty	13

#### OPERATING INSTRUCTIONS



### ① ON-OFF POWER BUTTON (PWR) VOLUME LEVEL MEMORY

Press this button momentarily to turn the unit on or off. The unit will also turn on automatically when a cassette is inserted if the ignition switch is "on".

This button is also used to set the memory for the volume level which will be recalled when the unit is turned on. To set the volume memory, turn the unit on and adjust the volume using the Volume Control ② to the level which you wish to be recalled when the unit is turned on. Then, press the On-Off button and hold it for approximately 2 seconds. The unit will turn off and the selected

volume level is now set in the memory. If the unit is turned off with the volume higher than the memory setting, the unit will return to the memory setting when turned back on. If, however, the unit is turned off with the volume lower than the memory setting, the unit will return to the lower setting when turned back on.

#### 2 VOLUME LEVEL CONTROL

To increase the volume level, press the + side of the button. The volume will increase and the level will be shown on the display panel from a minimum of 0 to a maximum of 80. To increase the volume quickly, keep the button pressed. To decrease the volume level, press the – side of the button. Keep the button

pressed to decrease the volume quickly. The display will automatically return to the priority indication 5 seconds after the last volume adjustment or when another function is activated. This button is also used in conjunction with the Select button ③ to adjust the bass, treble, balance, and fader levels as described in ④, ⑤, ⑥ and ⑦.

# 3 SELECT BUTTON (SEL) DISPLAY CALL DISPLAY PRIORITY SELECTOR IGNITION-OFF CLOCK CALL (CLK)

This button is used to select the audio function (volume, bass, treble, balance, or fade) to be adjusted using the Level Control (2), as well as the indication (time or frequency/cassette/disc) shown on the display panel. Momentary presses of the button will change the display from radio frequency/cassette/disc indication to clock time. After 5 seconds, the display will automatically return to the priority setting.

During CD changer operation, a momentary press of the button will change the display from disc/track number to CD track elapsed time. Another press of the button will change to clock time. After 5 seconds, the display will automatically return to disc/track number if set to CD track display priority. If the unit has been set to clock time display priority, momentary presses of the button will change the display to CD disc/track number and then CD elapsed time. After 5 seconds, it will change back to clock time display. If the unit has been set to elapsed time priority, momentary

presses of the button will change the display to clock time and then CD disc/track number.

Additional momentary presses of the button will set the unit for bass adjustment (level number above "BAS" will flash on display panel), treble (level number above "TRE" will flash), balance ("BAL" on display), fader ("FAD") or volume (level number). The display will automatically return to the normal indication 5 seconds after the last adjustment is made or when another function is activated. This unit can be set so that the radio frequency/cassette/disc indication (factory setting) or clock time will appear on the display panel as the priority setting. To change the priority setting, press and hold the Select button for 2 seconds until the display changes to the next indication. That indication will now be the priority setting and the display will automatically return to that indication after any radio, cassette, disc or audio function is displayed.

**NOTE**: When changing the display priority setting, release the button as soon as the display changes (approximately 2 seconds). Holding the button in for too long will put the unit into time setting mode (flashing time display). See section on "Setting the Clock".

To check the time with the vehicle ignition switch in the "off" position, momentarily press the Select button. The display will illuminate and show the time and then automatically shut off after 5 seconds.

#### 4 BASS CONTROL

To adjust the bass level, first select the Bass mode by pressing the Select button ③ so that the level number above the "BAS"

indication is flashing. Within 5 seconds of choosing the Bass mode, press the + or – side of the button of the Level control ② to adjust the bass response as desired. The bass level will be shown on the display panel from a minimum of –7 to a maximum of 7 (0 is flat response). The display will automatically return to the normal indication 5 seconds after the last adjustment or when another function is activated.

#### (5) TREBLE CONTROL

To adjust the treble level, first select the Treble mode by pressing the Select button ③ so that the level number above the "TRE" indication is flashing. Within 5 seconds of choosing the Treble mode, press the + or – side of the button of the Level control ② to adjust the treble response as desired. The treble level will be shown on the display panel from a minimum of –7 to a maximum of 7 (0 is flat response). The display will automatically return to the normal indication 5 seconds after the last adjustment or when another function is activated.

#### (6) LEFT/RIGHT BALANCE CONTROL

To adjust the left-right speaker balance, first select the Balance mode by pressing the Select button ③ so that the "BAL" indication appears on the display panel. Within 5 seconds of choosing the Balance mode, press the + side of the button of the Level Control ② to adjust the stereo balance to the left channel speakers or the – side of the button to adjust it to the right channel speakers. When the volume level between the right and left channels is equal, "0<sup>L</sup> RO" will be shown on the display panel. Adjusting the balance toward the right will increase the number on the right side of the

display to a maximum of "0<sup>L</sup> R9" (full right). Adjusting the balance toward the left will increase the number on the left side of the display to a maximum of "9<sup>L</sup> R0" (full left). The display will automatically return to the priority indication 5 seconds after the last adjustment or when another function is activated.

#### (7) FRONT/REAR FADER CONTROL

To adjust the front-rear speaker balance, first select the Fader mode by pressing the Select button ③ so that the "FAD" indication appears on the display panel. Within 5 seconds of choosing the Fader mode, press the + or the – side of the button of the Level Control ② to adjust the front-rear speaker levels as desired. When the level of the front and rear speakers is equal, "0F RO" will be shown on the display panel. Adjusting the fader toward the front speakers will increase the number on the left side of the display to a maximum of "9F RO" (full front). Adjusting the fader toward the rear speakers will increase the number on the right side of the display to a maximum of "0F RO" (full rear). The display will automatically return to the priority indication 5 seconds after the last adjustment or when another function is activated.

#### (8) LOUDNESS CONTOUR (LD)

Pressing this button for longer than 2 seconds will activate the Loudness Contour as indicated by "LOUD" on the display panel. When listening to music at low volume levels, this feature will boost the bass and treble ranges to compensate for the characteristics of human hearing. Pressing the button again for longer than 2 seconds will deactivate the feature and "LOUD" will disappear from the display panel.

NOTE: Momentary presses of the button will change the radio sensitivity in Seek and Scan Tuning modes from Local to Distant and back again as described in section ②.

# AM/FM BAND SELECTOR (BND) AUTO-STORE TUNING (AS) MODE SELECTOR

During radio operation, each momentary press of this button will change the radio band. The indication "AM", "FMI", or "FMII" will appear on the display panel according to your selection.

Pressing and holding the button for longer than 2 seconds will activate the Auto-Store Tuning function which will automatically scan the AM or FMII bands and enter strong stations into the pre-set memory positions for that band. If you have already set the pre-set memories on the AM or FMII bands to your favorite stations, activating the Auto-Store feature will erase those stations and enter new ones. This feature is most useful when traveling in a new area where you are not familiar with the local stations.

Momentary presses of this button are also used to select the audio source or mode in play. During tape play, it can be used to change to radio mode without ejecting the cassette ( indication will remain on display panel to show that a cassette is still loaded in the unit). Similarly, it can be used to go back to tape mode from radio play. If an optional CD changer is connected to the unit, this button is also used to select CD changer operation as described in 25.

# (10) MANUAL UP/DOWN TUNING AUTOMATIC SEEK TUNING

Each time the + button is tapped, the radio will tune one frequency

step higher. Similarly, each tap of the – button will tune one frequency step lower. To manually tune in a station, tap the button of the appropriate direction until the desired frequency is reached. Pressing either button for longer than 0.5 seconds and then releasing will activate the Automatic Seek Tuning function. The radio will seek the next available station and stop at that frequency. The Seek function can be stopped by pressing the button again or activating any other tuning function.

Pressing either button for longer than 0.5 seconds will cause the radio to continue tuning rapidly in the selected direction until the button is released, at which point it will seek to the next available station.

#### (11) AUTOMATIC SCAN TUNING

During radio operation, press this button to scan the stations on the band in use, stopping at each one for 5 seconds before continuing to the next station (the frequency on the display panel will flash during Scan mode operation). When a desired station is reached, press the button again to stop the Scan function and remain on the selected frequency. Scan mode will also be canceled by activating any other tuning function.

#### (12) LOCAL/DISTANT SELECTOR (LO/DX)

This feature is used to select the strength of the signals at which the radio will stop during Automatic Seek and Scan Tuning. Momentarily pressing the button will select the Local setting ("LOC" will appear on the display panel) and only strong (local) stations will be received. Momentarily pressing the button again will select the Distant setting ("LOC" will disappear from the

display panel) and the radio will stop at a wider range of signals, including weaker (more distant) stations.

**NOTE:** Pressing this button for longer than 2 seconds will activate or deactivate the Loudness Contour feature as described in section (8).

#### (13) STATION PRE-SET MEMORIES

To set any of the 6 pre-set memories in each band, use the following procedure:

- 1. Turn the radio on and select the desired band.
- 2. Select the first station to be pre-set using the Manual Up/Down or Automatic Seek Tuning Controls (10).
- 3. Press the pre-set button to be set and continue to hold it in. After approximately 2 seconds, the display will flash and the volume will be momentarily muted indicating that the station is now set into that pre-set memory position. The station can now be recalled at any time by pressing that button.
- 4. Repeat the above procedure for the remaining 5 pre-sets on that band and for the other 2 bands on the unit.

#### (14) LIQUID CRYSTAL DISPLAY PANEL

The Liquid Crystal Display (LCD) panel displays the frequency, time, and activated functions.

NOTE: It is a characteristic of LCD panels that, if subjected to cold temperatures for an extended period of time, they may take longer to illuminate than under normal conditions. In addition, the visibility of the numbers on the LCD may slightly decrease. The LCD read-out will return to normal when the temperature increases to a normal range.

#### (15) CASSETTE DOOR

Hold the cassette with the exposed tape edge to the right and insert it into the cassette door until the soft-load mechanism draws the cassette in and play begins ("CASS" and New Will appear on the display panel). When the cassette reaches the end on the side of the tape being played, the unit will automatically change direction of play as shown by the "1" or "2" indication on the display panel and play of the other side of the cassette will begin.

**NOTE:** Observe cassette operation Cautions in the Care and Maintenance section of this manual.

### (16) FAST-FORWARD BUTTON (FF) FAST-FORWARD MUSIC SEARCH SYSTEM

A momentary press of this button will activate the Fast-Forward Music Search System function ("MSS", moving bars and flashing "1" will appear on the display panel). The unit will automatically fast-forward to the beginning of the next selection and begin play. To search for a particular selection, tap the button until the respective number (up to 9) flashes on the display panel. For example, to move forward 3 selections from the present point on the tape, tap the button 3 times until the number "3" flashes on the display panel. The unit will fast-forward 3 selections and begin play. To stop Music Search function at any point, press the Program Selector button (3) or tap the Rewind button (7) to reduce the number of the selection being searched.

Pressing and holding the Fast-Forward button for longer than 0.5 seconds will cause the tape to continually move in the forward direction of play (moving bars will appear on the display panel).

To stop Fast-Forward movement, press the Program Selector button (18) and normal play will resume.

## (17) REWIND BUTTON (REW) REWIND MUSIC SEARCH SYSTEM

A momentary press of this button will activate the Rewind Music Search System function ("MSS", moving bars and flashing "1" will appear on the display panel). The unit will automatically rewind to the beginning of the present selection and begin play. To search for a particular selection, tap the button until the respective number (up to 9) flashes on the display panel. For example, to move backward 3 selections from the present point on the tape (including the present selection), tap the button 3 times until the number "3" flashes on the display panel. The unit will rewind 3 selections and begin play. To stop Music Search function at any point, press the Program Selector button (1) or tap the Fast-Forward button (1) to reduce the number of the selection being searched.

Pressing and holding the Rewind button for longer than 0.5 seconds will cause the tape to continually move in the reverse direction of play (moving bars will appear on the display panel). To stop Rewind movement, press the Program Selector button (18) and normal play will resume.

#### 18 PROGRAM SELECTOR (PROG)

Press this button to manually reverse tape direction and play the other side (program) of the cassette. The change of direction will be shown by the "1" or "2" indication on the display panel.

#### (19) EJECT BUTTON (▲)

Tape playback is stopped and the cassette is ejected by pressing the Blank Skip feature off, press this button. Radio or CD changer operation will automatically disappear from the display panel).

resume when the cassette is ejected, depending on which mode was in operation prior to cassette play.

**NOTE:** Never leave a cassette engaged in the player when not in use. Doing so can cause damage to the cassette and/or mechanism of the unit. Always press the eject button and remove the cassette before removing the detachable front panel.

#### 20 RADIO MONITOR (RM)

This feature allows you to listen to the radio section of the unit during Fast-Forward or Rewind of the cassette. To activate the function, press the Radio Monitor button so that the "RM" indication appears on the display panel. Deactivate the function by pressing the button again so that "RM" disappears from the display panel.

#### (1) TAPE REPEAT PLAY

When the Repeat button is pressed during tape play, the "RPT" indication will appear on the display panel and play of the present tape selection will be repeated until the Repeat Play mode is canceled by pressing the button again ("RPT" will disappear from the display panel). Repeat Play mode will also be canceled by activating the Fast-Forward (6), Rewind (7), Program Selector (8), or Scan (2) functions.

#### 2 BLANK SKIP (BS)

When the Blank Skip button is pressed during tape play ("B.SKIP" will appear on the display panel), the tape will automatically fast-forward to the beginning of the next selection whenever a blank section of longer than 8 seconds on the tape is detected. To turn the Blank Skip feature off, press the button again ("B.SKIP" will disappear from the display panel).

#### 23 TAPE SCAN

When the Scan button is pressed during tape play, the "SCAN" indication will appear on the display panel and the first 10 seconds of each selection on the tape will be played in order ("CASS" will flash on the display panel as the selections are played). When a desired selection is reached, press the Scan button again and play of that selection will continue ("SCAN" will disappear from the display panel). The Scan mode will also be canceled by activating the Fast-Forward (16), Rewind (17), Program Selector (18), or Repeat Play (21) functions.

#### **24** FRONT PANEL RELEASE BUTTON (REL)

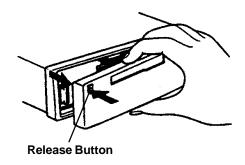
This button is used to release the mechanism that holds the front panel to the chassis. To detach the front panel, press the button so that the left side of the panel is released. Grasp the released side and pull it off of the chassis. To re-attach the panel, position the right side of the panel in place first and then press the left side of the panel until the mechanism locks it into place.

#### NOTES ON USE OF FRONT PANEL

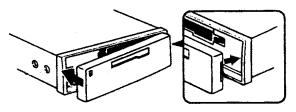
- 1. Make sure the front panel is right-side-up when attaching it to the chassis as it cannot be attached when up-side-down.
- 2. Do not press very hard on the front panel when attaching it to the chassis. No more than light to moderate pressure should be needed.
- When attaching the front panel, make sure the right side is correctly engaged before pressing the left side to lock it into position.

4. When taking the front panel with you, please use the supplied carrying case to protect the panel from dirt and damage. Make sure there is no dust or dirt on the electrical terminals on the back of the panel as this could cause intermittent operation or other malfunctions.

#### **DETACHING THE FRONT PANEL**



#### ATTACHING THE FRONT PANEL



Engage right side first

#### SETTING THE CLOCK -

- 1. Turn the radio on so that the radio frequency or clock time is shown on the display panel.
- 2. Press and hold the Select button ③ approximately 4 seconds until the time display begins flashing.
- 3. While the time display is still flashing, press the Manual Down Tuning button (–) to adjust the minutes and the Manual Up Tuning button (+) to adjust the hours to the correct time.
- 4. When the correct time is shown on the display panel, press the Select button ③ again to return to the normal display.

#### FREQUENCY STEP SWITCH

This unit is supplied pre-set at the factory for reception of North American radio stations (10 KHz. channel spacing on AM, 200 KHz. spacing on FM). Use in other areas of the world may require different channel spacing. A switch on the bottom of the chassis allows selection of 9 KHz. AM/50 KHz. FM channel spacing. With the 16-pin power connector un-plugged from the socket at the rear of the chassis, slide the switch to the appropriate position using a small screwdriver blade.

#### CD CHANGER CONTROLS

Built into this unit are controls to operate an optional CD changer. Please check with your Prestige car stereo specialist for recommendations of the models that will work with this unit.

Adjustment of the audio functions (volume, tone, balance, and fader) for the CD changer operate in the same manner as they do for radio and cassette play. The following controls will operate the CD changer when it is installed and connected to this unit. Refer to the owner's manual included with the CD changer for instructions on the installation and correct loading and use of the CD magazine.

#### (25) MODE SELECTOR

With the CD changer connected to the unit, this button is used to select CD changer operation. To choose CD mode, press the button until the indication "CdC" appears on the display panel. The display will then change to indicate the disc number and track number. Press the Mode button again to change back to radio or tape operation.

#### 26 & 27) DISC SELECT (D+) (D-)

These buttons are used to select the desired disc for play. To advance to a higher number disc, press the "D+" button 26. To return to a lower number disc, press the "D-" button ②). The number of the selected disc in play will be shown on the display panel.

#### (28) TRACK SELECT

These buttons are used to quickly select the beginning of a particular track. With each momentary tap of the Forward Track Select button (+), the next higher track number will be selected as shown on the display panel. Similarly, with each momentary tap of the Backward Track Select button (–), the next lower track number  $_{-9}$  flashing) or by activating the Shuffle 3 or Scan 3 functions.

will be selected.

#### (29) CUE/REVIEW FUNCTIONS

High-speed audible search to any section of the disc can be made by the Cue and Review functions. Press and hold the Cue button (+) to advance rapidly in the forward direction or the Review button (-) to advance rapidly in the backward direction. During either function, the elapsed time within each track will automatically be shown on the display panel.

#### (30) PAUSE/PLAY SELECTOR (II▶)

During disc play, press this button to temporarily stop play of the disc ("PAUS" indication will flash on the display panel). Press the button again to resume play of the disc from the point at which it was stopped. Pause mode will also be canceled by activating the Disc Select 26 & 27), Track Select 28, or Cue/Review 29 functions.

#### (31) TRACK/DISC REPEAT (RPT)

When the Repeat button is pressed, play of the selected track will be continually repeated ("RPT" will appear on the display panel and "TRK" will flash). The Track Repeat mode will be canceled by pressing the Repeat button again ("RPT" will disappear from the display panel and "TRK" will stop flashing) or by activating the Shuffle 32 or Scan 33 functions

When the Repeat button is pressed and held longer than 2 seconds, play of the selected disc will be continually repeated ("RPT" will appear on the display panel and "DISC" will flash). The Disc Repeat mode will be canceled by pressing the Repeat button again ("RPT" will disappear from the display panel and "DISC" will stop

#### 32 TRACK/DISC SHUFFLE (SHF)

When the Shuffle button is pressed, the tracks on the disc will be played in a random, shuffled order ("SHF" will appear on the display panel and "TRK" will flash). The Track Select button ② will also select tracks in the shuffled order instead of the normal progression. When all tracks on the disc have been played in shuffled order, the next disc will be selected in normal order and its tracks played in shuffled order. The Track Shuffle mode will be canceled by pressing the Shuffle button again ("SHF" will disappear from the display panel and "TRK" will stop flashing) or by activating the Repeat ③ or Scan ③ functions.

When the Shuffle button is pressed and held longer than 2 seconds, both the discs and the tracks will be played in a random, shuffled order ("SHF" will appear on the display panel and "DISC" will flash). After all tracks on the disc have been played, the changer will select a new disc in shuffled order and play its tracks in shuffled order. The Disc Shuffle mode will be canceled by pressing the Shuffle button again ("SHF" will disappear from the display panel and "DISC" will stop flashing) or by activating the Repeat ③ or Scan ③ functions.

#### 33 TRACK/DISC SCAN (SCAN)

When the Scan button is pressed, the first 10 seconds of each track on the disc will be played in order ("SCAN" will appear on the display panel and the track number will flash). When a desired track is reached, press the Scan button again and play of that track will continue ("SCAN" will disappear from the display panel and the track number will stop flashing). The Track Scan mode will also be canceled by activating the Disc Select (28), Track Select (28), Repeat (31), or Shuffle (32) functions.

When the Scan button is pressed and held longer than 2 seconds, the first 10 seconds of the first track on each disc will be played ("SCAN" will appear on the display panel and the disc number will flash). When a desired disc is reached, press the Scan button again and play of the disc will continue ("SCAN" will disappear from the display panel and the disc number will stop flashing). The Disc Scan mode will also be canceled by activating the Disc Select 2 & 2, Track Select 3, Repeat 3, or Shuffle 3 functions.

#### CD CHANGER ERROR CODES

If a problem should develop while operating the CD changer, the following error codes may appear on the display panel.

- EJ: Indicates that there is no magazine loaded in the CD changer.
- **no\_d:** Indicates that there are no discs loaded in the CD magazine in the changer.
- **E-01, etc.:** Indicates an error in the laser reading the disc in slot #1 of the magazine (**E-02** for disc in slot #2, etc.) Eject the magazine, remove the indicated disc and make sure it is clean, undamaged, and loaded correctly (label side up or down as per CD changer owner's manual). Clean and re-load the disc(s) as appropriate and check for proper operation or try another disc.
- **E-95:** Indicates a communication error between the radio and CD changer. Check the connections and cable of the changer.
- **E-99:** Indicates excessive temperature conditions at the CD changer. The error code will go off and play will resume when the temperature at the changer returns to a normal range.

#### **SPECIFICATIONS**

Size: 7" W x 2" H x 6 1/8" D

178mm x 50mm x 155mm

Operating Voltage: 12 volts DC, negative ground

Output Power: 160 watts maximum

(40 watts x 4 channels)

Output Wiring: Floating-ground type designed for 4 speaker use.

The amplifiers in this unit are NOT designed for use

with 2 speakers.

RCA low-level outputs (4 channels).

Output Impedance: Compatible with 4-8 ohm speakers

Low-Level Output: 4.0 volts (4,000 mv.)

Tuning Range: AM: 530 - 1,710 KHz. (10 KHz. step)

531 - 1,602 KHz. (9 KHz. step)

FM: 87.5 - 107.9 MHz. (200 KHz. step) 87.5 - 108.0 MHz. (50 KHz. step)

AM: 20 uv

Sensitivity: AM: 20 uv

FM: 1.5 uv

FM Stereo Separation: 30 dB

Tape Frequency Response: 30-15,000 Hz.

Tape S/N Ratio: 50 dB

Wow & Flutter: 0.15% WRMS

<sup>\*</sup>Specifications are subject to change without notice.

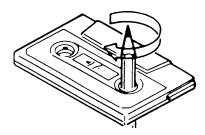
#### **CARE AND MAINTENANCE**

The radio portion of your new sound system does not require any maintenance. We recommend you keep this manual for future reference of the many features found in this unit.

As with any cassette player, the cassette section of this sound system does require a minimum of maintenance to keep it in good working condition. The following simple care and maintenance suggestions should be followed to prevent malfunctions of the cassette system.

#### CASSETTE CARE:

- 1. Purchase a cassette cleaning kit from your local retail store. Use it! At least every 20 to 30 hours of operation you must clean the cassette mechanism. A dirty cassette player will have a poor sound.
- 2. Do not use cassettes that exceed 45 minutes of play on each side.
- 3. Do not insert a cassette that appears to be broken, twisted or dirty or with loose or torn labels on it.
- 4. Always keep your cassettes away from direct sunlight or exposure to sub-freezing conditions. If a cassette is cold, allow it to warm up before use.
- 5. Do not keep a cassette in the player when not in use.
- 6. Before inserting a cassette in the player, check that the tape is tightly wound on the reels. Take up any excess slack using a pencil to turn the drive hub in the cassette (see diagram below).





#### 12 / 24 MONTH LIMITED WARRANTY

Applies to automotive radios, radio/tape players, radio/CD players, CD changers, power amplifiers, equalizers and accessories.

AUDIOVOX CORPORATION (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 new or 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 an approved warranty station or the Company at the address shown below. The warranty period will be extended to 24 months from the date of original purchase if the product is installed by an authorized Prestige Audio dealer. To claim warranty service during this extended period, the bill of sale must specify that the product was installed by an authorized Prestige Audio dealer.

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, compact 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 30 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, EXPRESS OR IMPLIED, WHATSOEVER. 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.

U.S.A.: AUDIOVOX CORPORATION, 150 MARCUS BLVD., HAUPPAUGE, NEW YORK 11788 ● 1-800-645-4994 CANADA: CALL 1-800-645-4994 FOR LOCATION OF WARRANTY STATION SERVING YOUR AREA

128-5543

© 2000 Audiovox Corporation, Hauppauge, N.Y. 11788

Printed in Singapore