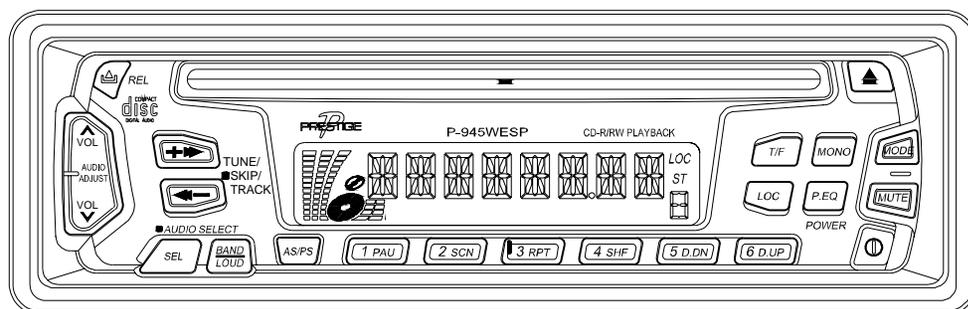


# P-945WESP



**AM/FM/MPX RADIO WITH DETACHABLE FRONT PANEL,  
COMPACT DISC PLAYER, CD CHANGER CONTROLS AND  
QUARTZ CLOCK**



## **OWNER'S MANUAL**

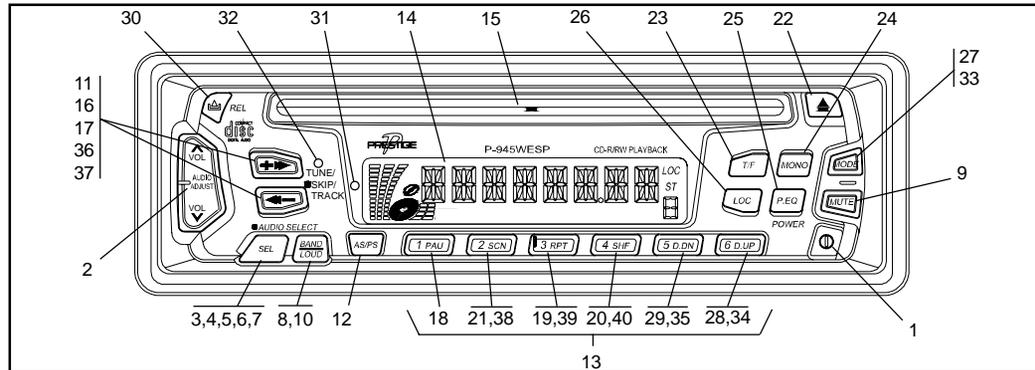
Released 7-9-03.  
Revision A: 8-22-03 Incorporated panel/display changes

**128-6862A**  
**1 of 16**

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# OPERATING INSTRUCTIONS



## ① POWER ON/OFF BUTTON

Press this button to turn the unit on or off. If the unit is off and the ignition switch is "on", the time of day will be displayed. Also, when the ignition switch is on, the unit will turn on automatically when a disc is inserted, or when any panel button is pressed.

## ② AUDIO ADJUST VOLUME (VOL) CONTROL

To increase the volume level, press the VOL ^ button. The volume will increase and the level will be shown on the display panel from a minimum of **VOL 00** to a maximum of **VOL 100**. To increase the volume quickly, keep the button pressed. To decrease the volume level, press the VOL v button. Keep the button pressed to decrease the volume quickly. The display will automatically return to the normal indication 5 seconds after the last volume adjustment or when another function is activated.

These buttons are also used in conjunction with the AUDIO SELECT (SEL) button ③ to adjust the bass, treble, balance, and fader levels as described in ④, ⑤, ⑥ and ⑦.

## ③ AUDIO SELECT (SEL) BUTTON

This button is used to select the audio function (volume, bass, treble, balance, or fader) to be adjusted using the Volume/Level Control ②. Pressing the SEL button will select bass (**BAS** on the display), treble (**TRB**), balance (**BAL**), fader (**FAD**) or volume (**VOL**). The display will automatically return to the normal indication 5 seconds after the last adjustment or when another function is activated.

The SEL button also enables the button beep tone function. There are three beep tone states; BEEP OFF, BEEP 2ND and BEEP ALL. When the radio is turned on the beep tone defaults to the beep off state. When the radio is on and the SEL button is pressed and held for 2 seconds, beep tone selection is enabled. The AUDIO

ADJUST Volume buttons are used to select the desired beep tone function. BEEP OFF indicates no beep tones. BEEP 2ND indicates a tone will sound when a secondary function button is pressed, such as BAND/LOUD, and BEEP ALL indicates a tone will sound whenever a button is pressed.

#### ④ BASS CONTROL

To adjust the bass level, first select the Bass mode by pressing the SEL button ③ so that the **BAS** indication appears on the display panel. Within 5 seconds of choosing the Bass mode, press the AUDIO ADJUST VOL  $\wedge$  or  $\vee$  button ② to adjust the bass response as desired. The bass level will be shown on the display panel from a minimum of **--10** to a maximum of **10 (00** 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 SEL button ③ so that the **TRB** indication appears on the display panel. Within 5 seconds of choosing the Treble mode, press the AUDIO ADJUST VOL  $\wedge$  or  $\vee$  button ② to adjust the treble response as desired. The treble level will be shown on the display panel from a minimum of **--10** to a maximum of **10 (00** 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 SEL button ③ so that the **BAL** indication

appears on the display panel. Within 5 seconds of choosing the Balance mode, press the AUDIO ADJUST VOL  $\wedge$  or  $\vee$  button ② to adjust the balance as desired. The balance position will be shown on the display panel from **BAL10L** (full left) through **BAL 10R** (full right). When the volume level between the left and right speakers is equal, **BAL L=R** will be shown on the display panel. The display will automatically return to the normal 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 SEL button ③ so that the **FAD** indication appears on the display panel. Within 5 seconds of choosing the Fader mode, press the AUDIO ADJUST VOL  $\wedge$  or  $\vee$  button ② to adjust the front-rear speaker balance as desired. The fader position will be shown on the display panel from **FAD 10R** (full rear) through **FAD 10F** (full front). When the level between the front and rear speakers is equal, **FAD F=R** will be shown on the display panel. The display will automatically return to the normal indication 5 seconds after the last adjustment or when another function is activated.

#### ⑧ LOUDNESS CONTOUR (LOUD)

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. Press and hold the BAND/LOUD button for 2 seconds to activate this feature and the indication **LOUD ON** will appear on the display panel for 5 seconds. Pressing the button again for 2 seconds will deactivate the feature (**LOUD OFF** indication will appear on the display panel for 5 seconds).

### ⑨ AUDIO MUTE (MUTE)

This button is used to mute the volume from the system. By pressing the button, a flashing **MUTE** indication will appear on the display panel and the volume will be muted. Pressing the MUTE button again, or any other panel button, will return the volume level to the setting in use before the Mute function was activated.

### ⑩ AM/FM BAND SELECTOR (BAND)

During radio operation, each momentary press of the BAND/LOUD button will change the radio band. The indication **AM**, **F1**, **F2**, or **F3** will appear on the display panel according to your selection.

### ⑪ MANUAL/AUTOMATIC UP/DOWN TUNING (+ >> / << -)

The radio tuning function is normally in automatic tuning mode. The radio will tune to the next available station and stop at that frequency when either button is pressed momentarily.

To tune rapidly in an upward or downward direction, press and hold either button for at least 2 seconds. **MANUAL** will appear on the display and the radio will tune through the entire band in an up or down direction while the button is pressed. When the desired radio frequency is reached, release the button; 5 seconds later, **AUTO** will appear momentarily on the display.

### ⑫ AUTO-STORE TUNING (AS) PRE-SET SCAN TUNING (PS)

During radio operation, press this button momentarily to scan the 6 stations pre-set into the memories of each FM band or the

AM band. The unit will stop at each preset station for 5 seconds before continuing to the next pre-set station. During this time, the preset station number (1-6) in the band will flash. Press the button again momentarily to stop Pre-Set Scan operation and remain on the selected frequency. The preset station number (1-6) stops flashing.

Pressing the button for longer than 2 seconds will activate the Auto-Store Tuning feature which will automatically scan each FM band (or the AM band, if in use) and enter up to 6 strong stations into the 6 preset memories of each band. After entering the stations into the memories, the unit will automatically stop at each station for 5 seconds so each can be heard. If you have already set the pre-set memories to your favorite stations, activating the Auto-Store feature will erase those stations and enter the new strong stations. This feature is most useful when traveling in a new area where you are not familiar with the local stations. Momentarily press the button again to stop Auto-Store operation and remain at the current station.

### 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/Auto Tuning Controls ⑪.
3. Press the pre-set button (1-6) to be set and continue to hold it in. After approximately 2 seconds the preset number will appear on the display panel, indicating that the

station is now set into that preset memory position. The station can now be recalled at any time by pressing that button.

4. Repeat the above procedure for the remaining pre-sets on that band and for the other 3 bands on the unit.

#### **14 LIQUID CRYSTAL DISPLAY PANEL FUNCTIONS**

The Liquid Crystal Display (LCD) panel displays the frequency, time, and all activated functions, including five bar graphs which provide a visual representation of the audio signal.

**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 readout will return to normal when the temperature increases to a normal range.

#### **15 DISC SLOT**

With the label surface facing up, gently insert the disc into the slot until the soft-loading mechanism engages and disc play begins. A dual disc indication appears, with the upper disc (🌀) indicating a disc is installed; the lower disc indication (🌀) illuminates and becomes animated, the **S--CDP** symbol lights, and the track number and elapsed time will appear on the display panel.

**CAUTION:** This unit is designed for play of standard 5" (12cm) Compact Discs ONLY. Do not attempt to use 3" (8cm) CD-Singles in this unit, either with or without an adaptor, as damage to the player and/or disc can occur. Such damage will not be covered by the Warranty on this product.

#### **16 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. Similarly, with each momentary tap of the Backward Track Select button (◀◀ -), the next lower track number will be selected.

#### **17 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.

#### **18 PAUSE (PAU) BUTTON**

Pressing this button during CD play will pause disc operation; **S--PAUSE** will be displayed and disc play will stop. Press the button again and disc play will resume from the point at which it was paused.

### 19 REPEAT PLAY SELECTOR (RPT)

During disc play, press this button to repeat the play of the selected track (**S--RPT** will appear on the display panel). Play of the track will continue to repeat until the button is pressed again and the **S--RPT** indication disappears from the display panel. Repeat Play mode will also be canceled by activating the Shuffle Play 20 or Track Scan 21 functions.

### 20 SHUFFLE PLAY SELECTOR (SHF)

During disc play, press this button to play the tracks on the disc in a random or shuffled order (**S--SHF** will appear on the display panel). In Shuffle Play mode, pressing the Forward Track Select (+>>) or the Backward Track Select (<<-) will also select tracks in a random order instead of the normal progression. Additional presses will select tracks in random order. The Shuffle Play mode can be cancelled by pressing the button again (**S--SHF** indication will disappear from the display panel) or by activating the Repeat Play 19 or Track Scan 21 functions.

### 21 TRACK SCAN (SCN)

During disc play, press this button to play the first 10 seconds of each track on the disc (**S--SCN** will appear on the display panel). When a desired track is reached, press the Scan button again to cancel the function and play of the selected track will continue. Track Scan mode will also be cancelled by activating the Repeat Play 19 or Shuffle Play 20 functions.

### 22 DISC EJECT (▲)

Disc play is stopped, the disc is ejected and the unit will change to radio operation by pressing this button.

If the disc is not removed from the disc slot within 15 seconds of being ejected, it will automatically be re-loaded into the unit to prevent it from being accidentally damaged. Play of the disc can be resumed by using the MODE button 27 to choose the CD player function.

### 23 TIME/FREQUENCY SELECTOR (T/F)

This unit can display the clock time, radio frequency, CD player, CD Changer or auxiliary (AUX) input functions on the display panel. Pressing the Time/Frequency Selector button will change the display to show the time. The time display will automatically return to the radio frequency, CD player, CD Changer or auxiliary input function indication after 5 seconds.

### 24 FM MONO/STEREO SELECTOR (MONO)

During FM radio operation, this button is used to select monaural or stereo reception of the broadcast signal. Under normal reception conditions, the unit should be left in the stereo mode, as indicated by **ST** on the display panel when listening to an FM stereo signal. If the stereo signal is too weak for comfortable listening, press the button to switch to monaural reception (the **ST** indication will disappear from the display panel, **MONO** will appear for 5 seconds, and **MON** will remain displayed). To return to the stereo reception mode, press the button again; **STEREO** will appear for 5 seconds, the **ST** indication returns and the **MON** indication disappears.

### 25 EQUALIZER SELECTOR (P.EQ)

The **P.EQ** button applies preset sound effects to the unit's audio output signal. The **P.EQ** button, when pressed, will activate one of the following operating modes: **CLASSICS**, **POP M**, **JAZZ**, **FLAT**, or **DSP OFF**. If the bass and treble levels are changed when the **P.EQ** function is active, as displayed on the panel, the equalizer function automatically reverts to the **FLAT** setting. When the equalizer function is not active, the unit returns to the user set bass and treble levels. The **FLAT** selection indicates no equalizer enhancement of the program, while **DSP OFF** inhibits selection of equalizer mode enhancement.

### 26 LOCAL/DISTANT (LOC) SELECTOR

This feature is used to select the strength of the signals at which the radio will stop during Automatic Seek Tuning. Pressing and holding this button will select the Local setting (**LOCAL** will appear on the display panel) and only strong (local) stations will be received. Pressing the button again will select the normal Distant setting (**Dx** will appear on the display panel). The radio will now stop at a wider range of signals, including weaker (more distant) stations.

### 27 MODE SELECTOR (MODE)

This button is used to select the radio, external (AUX) audio input, or the playback mode for the CD player or remote CD changer (if installed). Each press of the button will select a different mode (as indicated on the display panel).

During CD player operation, this button may be used to change to radio or remote CD changer mode (**CDC**) without ejecting the

disc (the  indication will remain on the display panel to show that a disc is still loaded in the unit). Press the button again to return to integral CD player mode and resume play of the disc from the point at which it was stopped.

### 28 & 29 DISC SELECT (D.UP & D.DN)

These buttons are used to increase or decrease selection of a desired disc for play in the remote CD changer. To advance to a higher number disc, press the D.UP button (28). To return to a lower number disc, press the D.DN button (29). The number of the disc in play will be shown on the display panel.

### 30 FRONT PANEL RELEASE BUTTON

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 in until the mechanism locks it into place.

### 31 THEFT-DETERRENT LED

The theft-deterrent Light Emitting Diode (LED) is located behind the front panel and is accessible when the front panel is removed. The flashing light serves as a visual warning to the would-be thief that the unit has been disabled by removal of the front panel.

## 32 RESET BUTTON

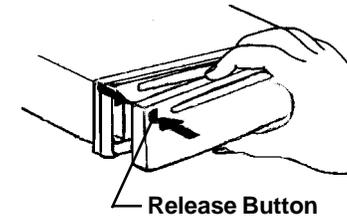
A RESET button is located on the front of the chassis (front panel must be removed to access the button). The RESET circuitry is provided to protect the microprocessor circuitry and should only be activated under the following circumstances as it will erase the time and pre-set memories:

1. Upon initial installation after all wiring is completed.
2. After the position of the frequency step switch on the bottom of the chassis has been changed.
3. If there is a malfunction of any of the switches on the unit, pressing the RESET button may clear the system and return to normal operation.

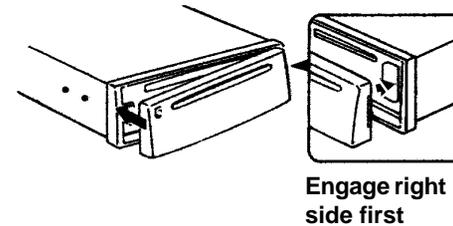
## NOTES ON USE OF FRONT PANEL

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.
3. 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



## SPECIFICATIONS

Size:	7" W x 2" H x 6-5/8" D 178 mm x 50 mm x 168mm
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. Front and rear channels CANNOT be combined (bridged) for use with 2 speakers. RCA low-level outputs (rear channels).
Output Impedance:	Compatible with 4 ohm speakers.
Low-Level Output:	1.0 volt (1,000 mv.)
Tuning Range:	AM: 530 - 1,710 kHz. (10 kHz. step) FM: 87.5 - 107.9 MHz. (200 kHz. step)
Sensitivity:	3.0 uV
FM Stereo Separation:	> 20 dB
CD Frequency Response:	20 - 20,000 Hz +/- 3 dB
CD Signal/Noise Ratio:	>60 dB
CD Channel Separation:	>55 dB
CD Distortion:	0.2%

\*Specifications are subject to change without notice.

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## CD CHANGER CONTROLS

Built into this radio are controls to operate an optional CD changer. Please check with your Rampage/Audiovox car stereo specialist or call 1-800-645-4994 for recommendations of the models that will work with this radio.

Adjustment of the audio functions (volume, tone, balance, and fader) for the CD changer operate in the same manner as they do for radio play. The following controls will operate the CD changer when it is installed and connected to this radio. 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.

### 33 CD CHANGER MODE SELECTOR (MODE)

During radio, auxiliary input or CD play, press this button to select operation of the CD changer as shown by **CDC** on the display panel. Disc play will begin and the disc and track number will be shown on the display panel. If a new magazine has been loaded into the changer, play will begin from the first track of the first disc in the magazine.

### 34 & 35 DISC SELECT (D.UP & D.DN)

These buttons are used to select the desired disc for play. To advance to a higher number disc, press the D.UP button 34. To return to a lower number disc, press the D.DN button 35. The number of the disc in play will be shown on the display panel.

### 36 TRACK SELECT (+ >> / << -)

The Track Select functions are used to quickly access the beginning of a particular track. Each time the Forward Track Select (+>>) button is pressed, the next higher track number will be selected as shown on display panel. Similarly, each time the Backward Track Select (<<-) button is pressed, the next lower track number will be selected as shown on the display panel.

### 37 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 (+>>) side of the button to advance rapidly in the forward direction (the disc play symbol will rotate forward on the display panel) or the Review (<<-) side of the button to advance rapidly in the backward direction (the disc symbol will rotate backwards on the display panel).

### 38 TRACK/DISC SCAN SELECTOR (SCN)

When the SCN button is pressed, the **SCN** indication will appear on the display panel, and the first 10 seconds of each track on the disc will be played in order. When a desired track is reached, press the SCN button once and play of the selected track will continue (**SCN** will disappear from the display panel). The Track Scan mode will also be canceled by activating the (Repeat or Shuffle Play functions).

When the SCN button is pressed and held, the **DSN** indication will appear on the display panel and the first 10 seconds of the first track on each disc in the magazine will be played. When a desired disc is reached, press the Scan button again and play

of the selected disc will continue ( **DSN** will disappear from the display panel). The Disc Scan mode will also be canceled by activating the (Repeat Play or Shuffle Play functions).

### **③⑨ DISC/TRACK REPEAT PLAY (RPT)**

When the Repeat button is pressed, the **RPT** indication will appear on the display panel and play of the selected track will be continually repeated until the Track Repeat mode is canceled by pressing the Repeat button again or by activating the Scan ③⑧ or Shuffle Play ④① functions.

When the Repeat button is pressed and held, the **DRT** indication will appear on the display panel and play of the selected disc will be continually repeated until the Disc Repeat mode is canceled by pressing the Repeat button again or by activating the Scan ③⑧ or Shuffle Play ④① functions.

### **④① DISC/TRACK SHUFFLE PLAY (SHF)**

When the SHF button is pressed, the **SHF** indication will appear on the display panel and the tracks on the disc will be played in a random, shuffled order. The Track Select button ③⑥ will also select tracks in the shuffled order instead of the normal progression. The Random Track mode can be canceled by pressing the Shuffle button again or by activating the Scan ③⑧ or Repeat Play ③⑨ functions.

When the SHF button is pressed and held, the **DSF** indication will appear on the display panel and the discs in the magazine will be played in a random, shuffled order, as well as the tracks on each disc. After playing a track selected at random from a disc in the magazine, the unit will select another disc at random and play a randomly selected track on it. This will continue until the Random Disc mode is canceled by pressing the Shuffle button again or by activating the Scan ③⑧ or Repeat Play ③⑨ functions.

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## **SETTING THE CLOCK**

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1. Turn the vehicle ignition and radio "on".
2. Press the Time/Frequency Selector button ②③ to display the time.
3. While the time is being displayed, press and hold the Time/Frequency Selector button ②③ for 2 seconds. The time display will flash and a tone will sound (if enabled). Press the Manual Up Tuning button (▶ +) to adjust the hours and the **AM/PM** indication, or the Manual Down Tuning button (- ◀◀) to adjust the minutes to the correct time.
4. Five seconds after the last hour or minute adjustment is made, the time will be set in the unit and normal operation can resume.

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## CD PLAYER ERROR CODES

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If a problem should develop while operating the CD player, an error code (**ER-1**, **ER-2**, **ER-3**, etc.) may appear on the display panel. This can indicate a number of problems with the unit, including a mechanical error or an error in the microprocessor control of the player. If an error code should appear, try ejecting and re-loading the disc into the player. While the disc is out of the unit, make sure it is clean, undamaged, and loaded correctly (label surface up). You may also try activating the RESET button  on the unit, but this will also erase the time and pre-set memories.

If the suggested measures do not solve the problem, contact an approved warranty station near you for further assistance.

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## CD CHANGER ERROR CODES

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

**ER-1:** Indicates that there is no magazine loaded in the CD changer.

**ER-2:** Indicates a problem with the magazine eject function.

**ER-3:** Indicates an error in the disc loading function.

**ER-4:** Indicates an error in the disc un-loading function.

**ER-5:** Indicates an error in the magazine position.

**ER-6:** Indicates an error in the laser pick-up position.

**ER-7:** Indicates an error in the laser focus on the disc.

In any of the above situations, try ejecting the CD magazine from the changer and make sure the discs are clean, undamaged, and loaded correctly (refer to the Owner's Manual of the CD changer). Re-load the magazine and check for proper operation. You may also try activating the RESET button  on the unit, but this will also erase the time and pre-set memories.

If the suggested measures do not solve the problem, contact an approved warranty station near you for further assistance.

## **CARE AND MAINTENANCE**

The radio section of your new sound system does not require any maintenance. We recommend you keep this manual for reference on the many features found in this unit as well as how to set the clock.

The compact disc player section also requires no routine maintenance, but proper understanding of its use and handling will help you obtain maximum enjoyment of its capabilities. The following points should be observed:

- When cleaning the interior of the vehicle, do not get water or cleaning fluids on the unit.
- The CD player is a precision instrument and will not operate properly in extreme hot or cold. In case of such conditions, wait until the interior temperature of the vehicle reaches a normal temperature before using the player.
- If the temperature inside the player gets too hot, a protective circuit will automatically stop play of the disc. In this case, allow the unit to cool off before operating the player again.
- Never insert anything other than a 5" (12 cm) compact disc into the player as the mechanism can be damaged by foreign objects.
- Do not attempt to use 3" (8 cm) CD-Single discs in this unit, either with or without an adaptor, as damage to the player and/or disc may occur. Such damage will not be covered by the Warranty on this product.
- When not using the disc player, always remove the compact disc. Do not leave an ejected disc sitting in the disc slot as this can expose it to sunlight and other causes of damage.

- Do not attempt to open the unit chassis. There are no user serviceable parts or adjustments inside.
- When the vehicle warms up during cold weather or under damp conditions, moisture may condense on the lens of the disc player. Should this occur, the player will not operate properly until the moisture has evaporated.
- The unit is designed with a vibration dampening CD mechanism and Electronic Skip Protection (ESP) to minimize interruption of disc play due to normal vibration in a moving vehicle.

### **HANDLING COMPACT DISCS**

Dirt, dust, scratches, and warpage can cause skips in the playback and deterioration of sound quality. Please follow these guidelines to take care of your compact discs:

- Use only compact discs with the mark  .
- Fingerprints, dust, and dirt should be carefully wiped off the disc's playing surface (shiny side) with a soft cloth. Wipe in a straight motion from the inside to the outside of the disc.
- Never use chemicals such as record sprays, household cleaners or thinner to clean compact discs. Such chemicals can irreparably damage the disc's surface.
- Discs should be kept in their storage cases when not in use.
- Do not expose discs to direct sunlight, high temperatures or high humidity for extended periods.
- Do not stick paper, tape, or labels on the disc surfaces nor write on them with any type of marker.

## NOTES ON DISCS

Attempting to use non-standard shape discs (e.g.; square, star, heart) may damage the unit. Be sure to use round-shape CDs only in this unit.

### NOTES ON CD-Rs (Recordable CDs)/CD-RWs (Rewriteable CDs):

1. Be sure to use discs with the following marks only for play in this unit: 
2. The unit cannot play a CD-R or CD-RW that is not finalized. (Please refer to the manual of your CD-R/CD-RW software for more information on the finalization process.)
3. Depending on the recording status, conditions of the disc and the equipment used for the recording, some CD-Rs/CD-RWs may not be played on this unit.

### RELIABLE PLAYBACK:

To ensure more reliable playback, please note the following recommendations:

1. Use CD-RWs with speed 1x to 4x.
2. Use CD-Rs with speed 1x to 8x, and write with speed 1x to 2x.
3. Do not play a CD-RW which has been written on more than 5 times.

### NOTES ON MULTI-SESSION DISCS:

If the first track of the first session is audio CD data, then the unit will play only the audio CD data.

### ELECTRONIC SKIP PROTECTION (ESP)

The CD Player in this unit is equipped with Electronic Skip Protection (ESP) circuits. This capability enables the CD Player to project disc play approximately 10 seconds ahead of its current play position. As a result, if a severe road bump is encountered during Player operation, play of the current track will not be interrupted, or result in a skip.



## 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

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