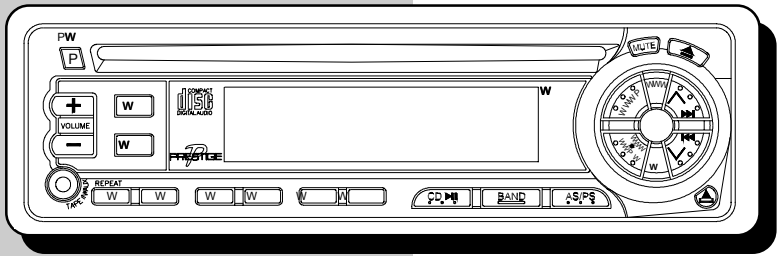


# P-96

DETACHABLE FACE  
ELECTRONICALLY-TUNED  
AM/FM/MPX RADIO  
WITH CD PLAYER

COMPACT  
**disc**  
DIGITAL AUDIO



## OWNER'S MANUAL

## **BEFORE USE**

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In addition to this operating instructions manual, be sure to refer to the separate installation and connections manuals as well.

### **PRECAUTIONS**

- This unit is designed to be operated on a 12-volt DC negative-ground electrical system only.
- To prevent short-circuiting, disconnect the negative car battery terminal until the unit has been mounted and connected completely.
- When replacing the fuse, be sure to use one whose amperage rating is identical. Use of a fuse of higher amperage may cause serious damage to the unit.
- Do NOT attempt to disassemble this unit. Laser rays from the optical pickup are dangerous to the eyes.
- Make sure that pins or other foreign objects do not get inside the unit; they may cause malfunctioning, or a safety hazard such as electrical shock or exposure of laser rays.
- When your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the unit to cool off before operating it.
- Keep the volume at such a level that you can hear outside warning sounds (horns, sirens, etc.).

### **NOTE (For U.S.A)**

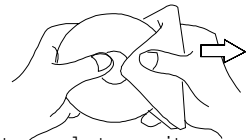
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **NOTE ON CDs**

- A defective or soiled disc inserted into the unit can cause sound to drop out during playback.
- Handle the disc by holding its inner and outer edges.
- Do NOT touch the surface of the unlabeled side of the disc.
- Do NOT stick paper or tape etc. on the surface.
- Do NOT expose the disc to direct sunlight or excessive heat.
- Clean the disc before playback. Wipe the disc from the center outward with a cleaning cloth.
- NEVER use solvents such as benzine or alcohol to clean the disc.
- Smaller 3-inch (8cm) CDs can not be played on this unit. And do not use adaptor as it may cause malfunctioning.
- Do not use irregular shape CDs (example : heart -shaped, octagonal ones). It may result in malfunction.



### **CAUTION**

Modifications or adjustments to this product, which are not expressly approved by the manufacturer, may void the user's right or authority to operate this product.



# RADIO OPERATION

## LISTENING TO THE RADIO

- 1  Switch on.

- 2  FM1 → FM2 → FM3  
↑ AM2 ← ↓ AM1  
Select band.

FM1, FM2, FM3 have the same frequency range. AM1, AM2 have the same frequency range.

- 3 Press to seek up.



Press to seek □□□□.

Press (more than 0.5 second), the unit starts scanning and tunes in a station automatically (Seek tuning).

- 4  Adjust volume.

### To turn the unit off

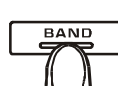
Press **P**.

### NOTE:

The "STEREO" indicator lights up when the tuned in station is broadcasting in stereo and the reception is good.

## MANUAL STATION PRESET

- 1  Switch on.

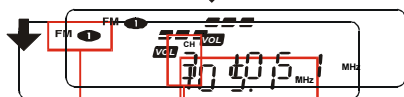
- 2  FM1 → FM2 → FM3  
↑ AM2 ← ↓ AM1  
Select band.

- 3 Press to seek up.



Press to seek □□□□.

- 4 



Band indication      Preset number      Frequency indication

Press one of the preset station buttons 1 to 6 for approximately 2 seconds.

While the station you are presetting is being registered in memory, the sound is momentarily muted.

The number of the pressed preset station button appears next to the frequency indication.

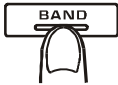
Repeat these procedures to preset up to 6 stations each for FM1, FM2, FM3, AM1, and AM2.

- You can manually preset station that have not been selected by auto memory.
- If you try to preset a station on a preset station button on which another station of the same band has already been preset, the previously preset station will be erased.

## RADIO OPERATION

### PRESET STATION TUNING

- 1  Switch on.

- 2   $FM1 \rightarrow FM2 \rightarrow FM3$   
 $AM2 \leftarrow \rightarrow AM1$   
Select band.

- 3  Press the desired preset station button.

The number of the pressed preset station button appears next to the frequency indication.

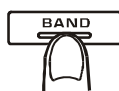
### Active tuning reception control (ATRC)


This unit automatically suppresses FM stereo noise caused by varying signals strength resulting from movement of the car.

- The built-in automatic blending circuit mixes the left and right channel signals according to the strength of the reception. At the same time, the high-cut circuit activates to maintain the sound quality.
- If the reception becomes even weaker, the unit automatically switches to Monaural mode to reduce noise.

### STORING THE STATIONS IN MEMORY AUTOMATICALLY (AS/PS)

- 1  Switch on.

- 2   $FM1 \rightarrow FM2 \rightarrow FM3$   
 $AM2 \leftarrow \rightarrow AM1$   
Select band.

- 3  Press and hold AS/PS for more than 2 seconds.

You can preset up to 6 stations in each band FM1, FM2, FM3, AM1 and AM2.

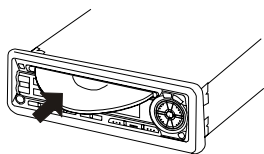
- If the unit could not search for all of 6 stations, LOCAL indicator goes off and starts searching for weaker stations again.
- When auto memory is completed, the preset stations are automatically scanned in order.
- To stop auto memory, press AS/PS again.

### To check the preset stations (preset scan)

- If you wish to check the preset stations, press AS/PS for less than 2 seconds. The preset stations stored in memory will be tuned in for 5 seconds each in order.
- To stop this function, press AS/PS again or press any of the preset station buttons 1 to 6.

## PLAYING COMPACT DISCS

1



Insert the disc with the labeled side upward.

2



Switch on to start CD play.

CD indicator

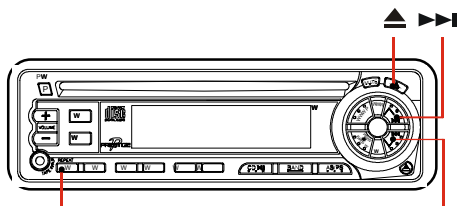


Track number Elapsed playing time

3



Adjust volume.



### REPEAT

Press these buttons to operate CD play.

Press	To
	Eject a disc.
CD	Pause play. The track number and elapsed playing time flash. To resume play, press CD again.
	Skip to the next track with a short press (for less than 0.5 seconds). Each extra press skips forward one extra track. To search forward rapidly, press and hold  down until the desired part is played, then release it.
	Restart the track currently in play with a short press (for less than 0.5 seconds). Each extra press skips backward one extra track. To search backward rapidly, press and hold  down until the desired part is played, then release it.

### Note

- The button is active only in CD mode.
- Smaller 3-inch (8cm) CDs can not be played on this unit. And do not use an adaptor as it may cause malfunctioning.
- The CD play starts from the first track on the disc.

### Repeat Play

Press REPEAT during CD play.

The "REPEAT" indicator lights up and the currently selected track is played repeatedly.


Press REPEAT again to deactivate Repeat play.

### Note

If repeat play is not activated, all the tracks on the disc are played repeatedly.

## ADJUSTING THE SOUND CHARACTERISTICS


- 1  Switch on.

- 2  Select the control mode with the SEL button.








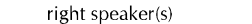
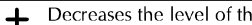

The following indications appear in cyclic order: VOL (volume), BAS (bass), TRE (treble), BAL (balance), FAD (fader).



The selected mode switches to Volume mode if you do not proceed with step 2 within 9 seconds.

- 3  Turn and hold the control to change the level rapidly.

Adjust each mode referring to the audio control indications in the display window.

<b>VOL</b>	+ Increases the volume level 
	- Decreases the volume level 
<b>BAS</b>	+ Increases the bass level 
	- Decreases the bass level 
<b>TRE</b>	+ Increases the treble level 
	- Decreases the treble level 
<b>BAL</b>	+ Decreases the level of the left speaker(s) 
	- Decreases the level of the right speaker(s) 
<b>FAD</b>	+ Decreases the level of the rear speakers 
	- Decreases the level of the front speakers 

Without selecting any mode with SEL, only the volume level can be adjusted by turning VOL.



### MUTE button

Press this button to temporarily lower the volume.

Press it again to restore the previous volume.




### Loudness function

Press LOUD to reinforce both bass and treble especially when listening at low volume level.

## CLOCK ADJUSTMENT

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- 1  Switch on.

- 2  Press and hold DISP for more than 2 seconds.




- 3 Press to set the hour.



Ajust.

Press to set the   minutes.

- 4  Press DISP.  
The clock starts working from 0 second.


### Having the clock displayed while the unit is turned on

Press DISP. The clock display appears for a few seconds, then the unit returns to its former display.

## CONNECTING A PORTABLE CASSETTE PLAYER OR OTHER EQUIPMENT

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- 1  Switch on.

- 2  If a CD is inserted, remove it to prevent possible damage to the unit.  
Press eject button to remove the disc.

- 3 Connect a portable cassette player, etc. via the AUX • TAPE IN jack (3.5mm dia.) on the unit.

- 4 Press AUX • TAPE to listen to the connected equipment.  
The " TAPE" indicator lights up.  
The clock display appears.

- For further information on the portable cassette player, etc., refer to the operating instructions for the equipment.

### Disconnecting a portable cassette player or other equipment...

#### Return to RADIO:

- 1 Press BAND to select frequency.
- 2 Disconnect the line out cord from the AUX jack.

#### Return to CD:

- 1 Insert the disc with the labeled side upward.  
It will start play the first track.
- 2 Disconnect the line out cord from the AUX jack.

#### After listening

- 1 Push ▲ (eject) button to remove the disc.
- 2 Press P (power off) button to switch off the unit.



## DETACHING AND ATTACHING THE FRONT PANEL

### TO DETACH THE FRONT PANEL

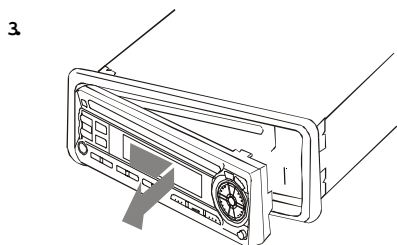
Before detaching the panel, remove the CD to prevent possible damage to the unit.



Switch off.



Press the release button to detach the panel.



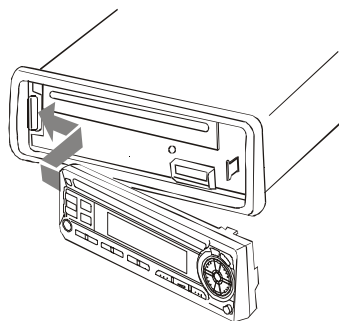
Lift and pull the front panel out of the main unit.

Put the front panel in the provided case for protection.

- Do NOT touch the connector on the reverse side of the front panel, as doing so may contaminate the connector and cause a poor connection resulting in a malfunction.

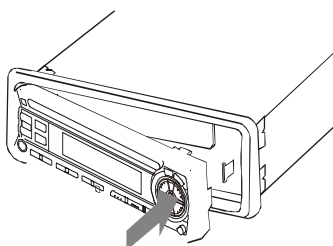
### TO ATTACH THE FRONT PANEL

1



Insert the left side of the front panel into the groove on the left side of the holder.

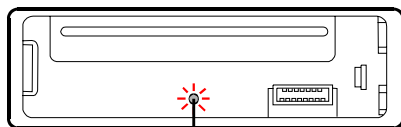
2



Press the right side to set it correctly.

### Security Lamp

When the front panel is detached, you can find an LED lamp on the front side of the unit. This lamp is designed to deter theft, and continues to flash when the car's ignition is turned off with the front panel detached. This unit is not equipped with any other security systems such as security alarm, so there are limitations to its effectiveness.



LED lamp

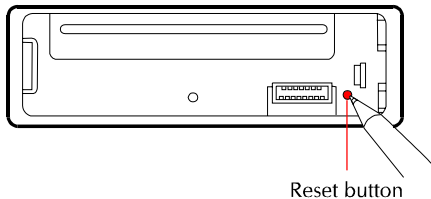
## ***TROUBLE SHOOTING***

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### **Reset button**

The Reset button is visible when you detach the front panel. Try pressing this button if a CD does not operate properly. When you press this button, use the tip of a pointed object such as a pencil or toothpick.

Note that the memory contents, however, will be erased by pressing this button.



## ***MAINTENANCE***

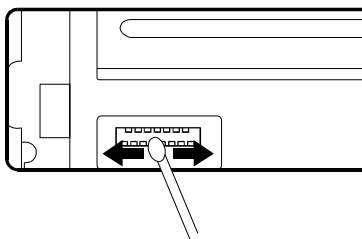
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### **Cleaning the front panel**

When the front panel is soiled, wipe the surface of the panel with a dry and soft cloth.

### **Cleaning the connector**

The connector on the reverse side of the front panel needs to be cleaned occasionally. Wipe the surface of the connector with a cotton swab slightly moistened with alcohol.



## **SPECIFICATIONS**

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### **RADIO SECTION**

#### **(FM)**

Frequency Range:	87.5 MHz - 108 MHz (200-kHz step)
50 dB Quieting Sensitivity:	17.2 dBf
IF Rejection:	80 dB
Frequency Response:	30 Hz-15,000 Hz
S/N Ratio:	63 dB
Stereo Separation:	35 dB at 1 kHz
Alternate Channel Selectivity:	70 dB
Capture Ratio:	3 dB

#### **(AM)**

Frequency Range:	520 kHz-1,710 kHz (10-kHz steps)
Usable Sensitivity:	30 $\mu$ V (20 dB)

### **CD SECTION**

Frequency Response:	17 Hz-20 kHz +0/-3 dB
Dynamic Range:	More than 80 dB
Channel Separation:	More than 65 dB
S/N Ratio:	More than 85 dB
Wow/Flutter:	Unmeasurable

### **AUDIO SECTION**

Max. Power Output:	40 W x 4 channels
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### **AUX • TAPE IN input**

Input sensitivity (load impedance)	
AUX • TAPE IN:	500 mV (10 k $\Omega$ )

### **GENERAL**

Power-Supply Voltage:	12 Volt DC negative ground
Load Impedance:	4 $\Omega$ 8 $\Omega$
Tone Control:	Bass $\pm$ 10 dB at 100 Hz Treble $\pm$ 10 dB at 10 kHz
Preamp Output Voltage (load impedance) :	2.2 V (10 k $\Omega$ )
Installation size:	182(W) x 53(H) x 155(D) mm (7 $\frac{1}{4}$ (W) x 2 $\frac{1}{8}$ (H) x 6 $\frac{1}{8}$ (D) inches)

- Specifications and external appearance are subject to change without notice due to product improvement.



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.

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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.

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128-5543