JENSEN®

DESIGNED TO MOVE [YOU]

AWM914

Owner's Manual
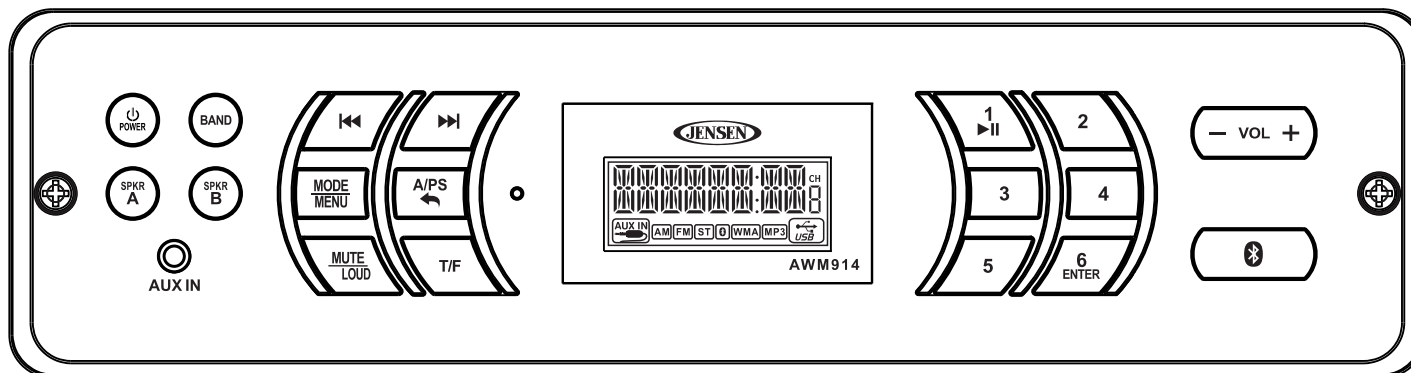
Table of Contents

Thank You!

Thank you for choosing a Jensen product. We hope you will find the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all the features of your new Jensen receiver for maximum enjoyment.

Features

Features of the Jensen AWM914 mobile audio system include:
- Backlit Controls and Display
- Electronic AM/FM Tuner
- Bluetooth Ready with A2DP / AVRCP streaming Audio
- Time/Alarm Clock
- Front Aux Audio Input
- 4 Speaker Output (2 zones)

Packing List
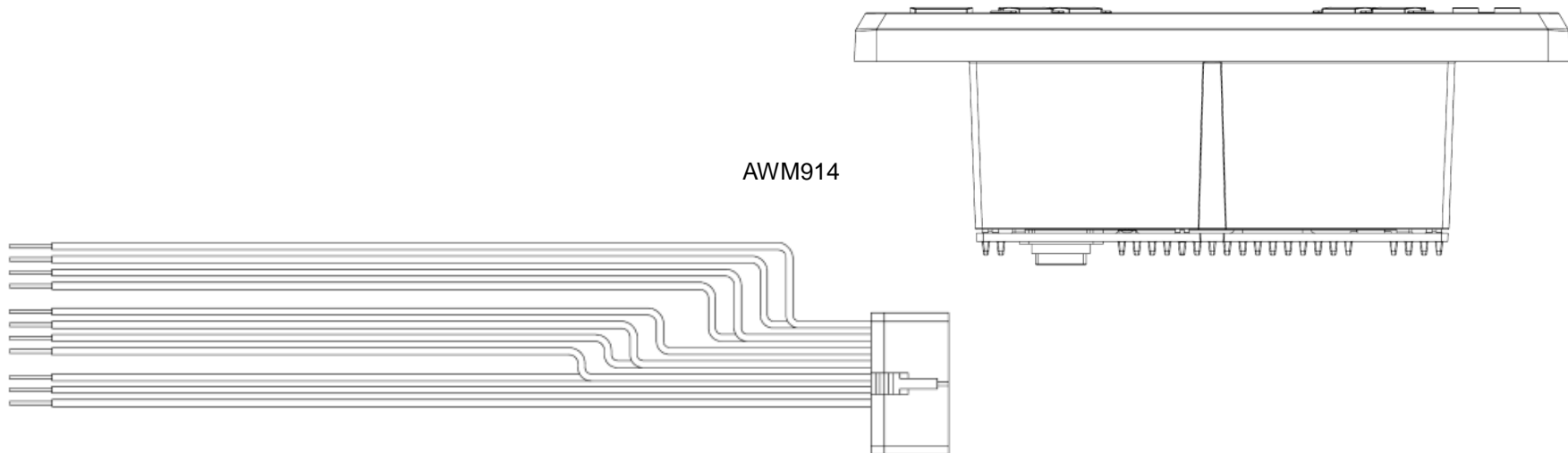
Precautions

- **Use the Proper Power Supply.**
  This product is designed to operate with a 12 volt DC, negative ground battery system (the standard system in a North American vehicle).
- **Use Authorized Service Centers.**
  Do not attempt to disassemble or adjust this precision product; contact a professional for assistance.
- **Avoid Moisture.**
  To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.
- **Avoid Cleaning Products.**
  The front of this unit should only be cleaned with a slightly damp cloth. Do not use cleansers.
- **Use Recommended Accessories.**
  TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.

AWM914

INSTALLATION

It's a good idea to read all of the instructions before beginning the installation. We recommend having your JENSEN AWM914 installed by a reputable RV dealership.

Tools and Supplies

You will need these tools and supplies to install your AWM914:
• Phillips screwdriver
• Wire cutters and strippers
• Tools to remove existing radio (screwdriver, socket wrench set or other tools)
• Electrical tape
• Crimping tool
• Volt meter/test light
• Crimp connections
• 16 gauge wire for power connections
• 16 – 18 gauge speaker wire

Disconnecting the Battery

To prevent a short circuit, be sure to turn off the ignition and remove the negative (-) battery cable prior to installation.

NOTE: If the AWM914 is to be installed in a vehicle equipped with an on-board drive or navigation computer, do not disconnect the battery cable. If the cable is disconnected, the computer memory may be lost. Under these conditions, use extra caution during installation to avoid causing a short circuit.

Select Mounting Location

Select a mounting location, taking care to avoid the following:
• Places exposed to heat-radiating appliances such as electric heaters
• Adjacent to other equipment that radiates heat
• Poorly-ventilated or dusty places
• Moist or humid locations

Preparing the Opening

Use the mounting hole diagram (below) to measure and cut a mounting hole, and mount the unit using the M3x20mm self-tapping screws.
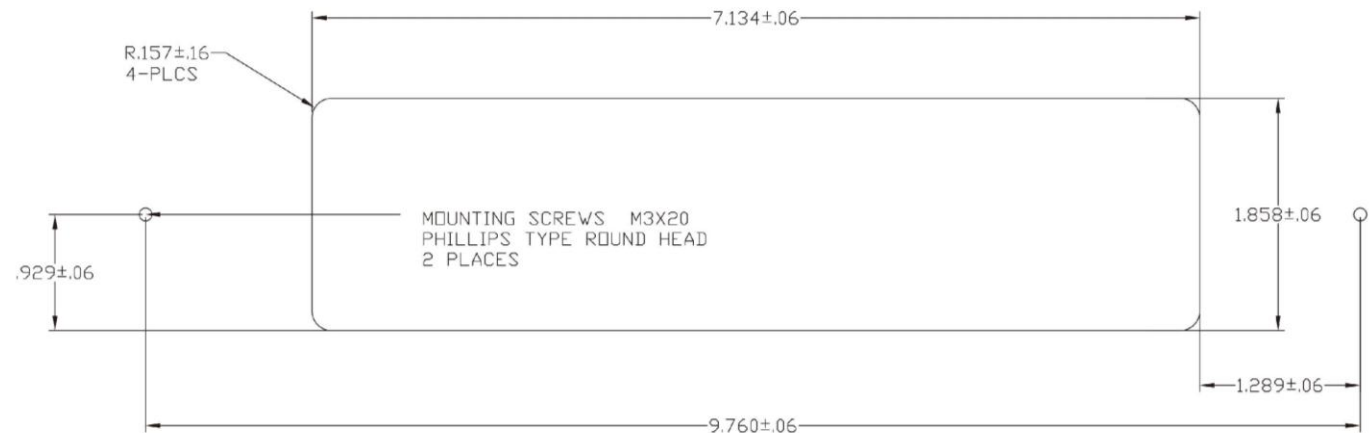
NOTE: Before cutting the mounting hole, make sure the area behind the mounting location is clear of wires and fuel, vacuum and or brake lines.

Mounting the Radio

Route power, speaker and antenna cables through the hole, and connect them to the unit as outlined in the wiring diagram. After ensuring correct connections, test operation.

WIRING

The wiring diagram depicts all the wiring connections required for proper operation of the unit.

DETAIL A
SHOWN FROM PIN VIEW

PIN NO.	WIRE COLOR	FUNCTION (Label Contents)
1	N/A	N/A
2	N/A	N/A
3	N/A	N/A
4	N/A	N/A
5	N/A	N/A
6	GRAY	RIGHT(A) SPEAKER(+)
7	GRAY/BLACK	RIGHT(A) SPEAKER(-)
8	N/A	N/A
9	WHITE/BLACK	LEFT(A) SPEAKER(-)
10	WHITE	LEFT(A) SPEAKER(+)
11	N/A	N/A
12	N/A	N/A
13	N/A	N/A
14	BLUE	AMP/REMOTE(+12VDC 100MA)
15	RED	+12VDC SWITCHED
16	BLACK	GROUND
17	VIOLET	RIGHT(B) SPEAKER(+)
18	VIOLET/BLACK	RIGHT(B) SPEAKER(-)
19	LIGHT GREEN/BLACK	LEFT(B) SPEAKER(-)
20	LIGHT GREEN	LEFT(B) SPEAKER(+)

11

10 AMP FUSE

20

1

10

20PIN CONNECTOR

ANT SOCKET

3
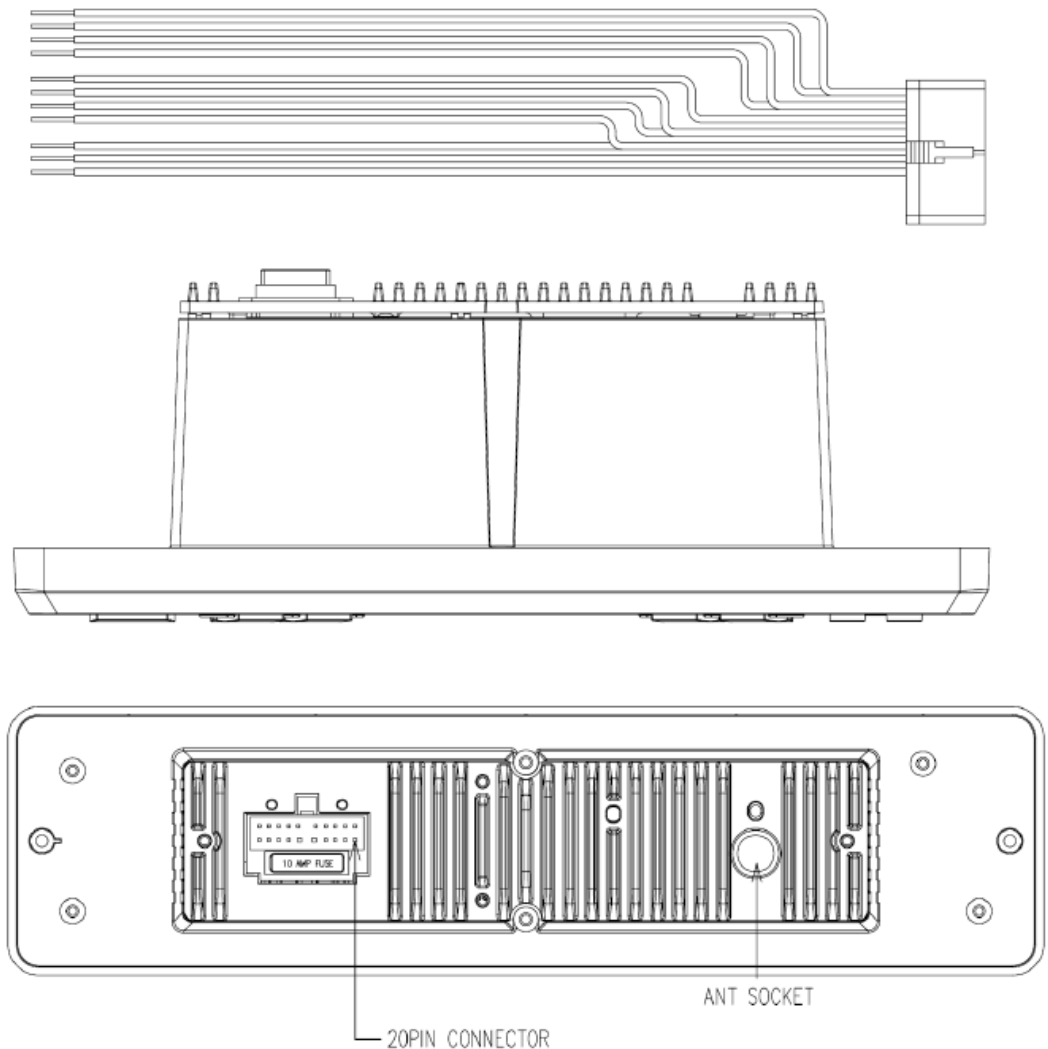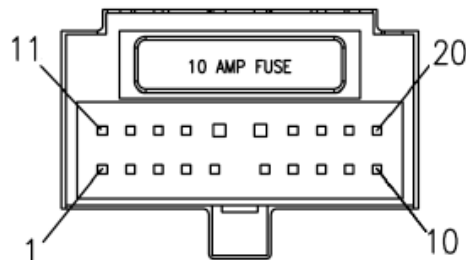
BASIC OPERATION
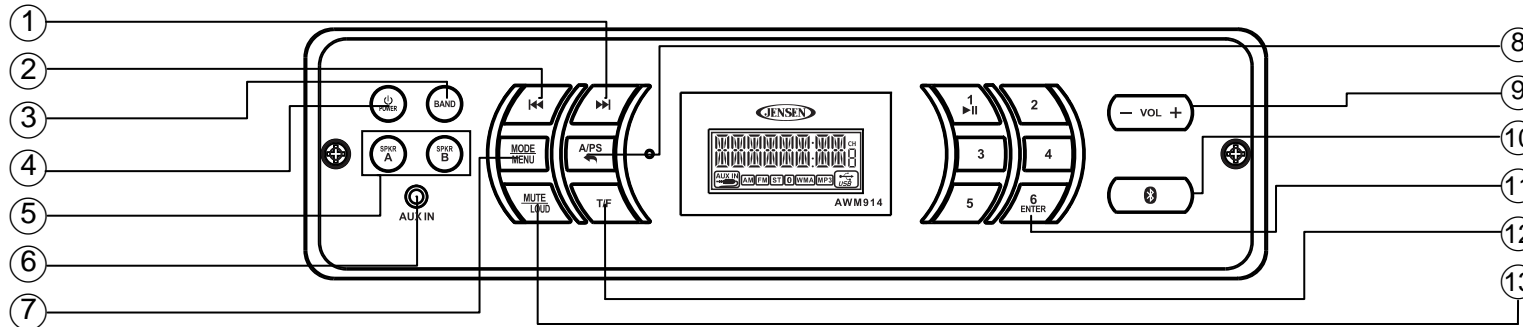
Power

Press the **POWER** button (4) to turn the unit on or to enter standby mode.

Volume Control

- Press the **VOL** + to increase the volume output.   Press and hold the **VOL** + to increase the volume output continuously.
- Press the **VOL** - to decrease the volume output.   Press and hold the **VOL** - to decrease the volume output continuously.

Mode / Menu

Press the **MODE/MENU** button (7) to switch to radio mode or auxiliary input function.

Long press the **MODE/MENU** button (7) to choose the following menu list:

Audio Adjustment

- BAS: Adjust the Bass level from "-7" to "+7".
- TRE: Adjust the treble from "-7" to "+7".
- BAL: Adjust the speaker output balance between "L7" (left) and

- BAL: Adjust the speaker output balance between "L7" (left) and "R7" (right). "BAL 0" indicates an equal balance between the left and right speakers.
- FAD: Adjust the speaker fade between "R7" (rear) and "F7" (front). "FAD 0" indicates an equal balance between the rear and front speakers.

Use the **VOL** +/- to make adjustments in each menu item

Liquid Crystal Display (LCD) Back Light

- Dimmer: Adjust the brightness of the LCD from "LIGHT 9" (brightest) to "LIGHT 0" (off).

NOTE: When subjected to cold temperatures for an extended period of time, LCD panels will take longer to illuminate and the display visibility may slightly decrease. Optimal LCD operation will return to normal when the temperature increases to a normal range.

Sleep Mode

- Sleep: The Sleep Timer will automatically turn off the AWM914 in the designated number of minutes. To set the Sleep Time, press **VOL +/-** repeatedly to change the sleep time from 0(off), 15, 30 or 60 minutes.

Setting the alarm

- Alarm ON/OFF: Press **VOL** +/- to turn on and off the alarm.   The "ALARM" icon will show on the display.
- Alarm Hour: The number representing the hours will flash. Press **VOL** +/- to adjust the alarm hour.
- Alarm MIN: The number representing the minutes will flash. Press **VOL** +/- to adjust the alarm minute.

Reset

- RESET: Press **6/ENTER** button (11) to reset to factory default settings.   Display will show "OK" when Reset is accomplished. This function will time out after 5 seconds of inactivity and the unit will resume normal operation.

Mute / Loudness

Press the **MUTE/LOUD** button (13) to silence the audio output in tuner, Bluetooth or auxiliary/input mode.   Press again to restore the previous volume level.   Press and hold the **MUTE/LOUD** button to toggle the Loudness function on/off.   Display will show "LOUD" when on.

Auxiliary Input Function

Press the **MODE/MENU** button (7) to directly access auxiliary input modes from any other mode when a portable audio device is connected to the unit.   To connect a portable audio device, insert a standard 3.5 mm (audio line output or headphone output from your portable CD / MP3 / iPod or other media player) into the **AUX IN** connector (6) on the front of the unit.   Display will show when on.

Auxiliary Input Connector

Connect the device to the **AUX IN** connector (6) on the front panel, and then press **MODE/MENU** to switch to auxiliary input mode.
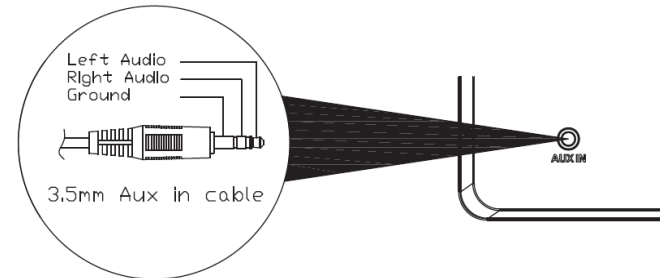
Clock Display

Press the **T/F** button (12) to alternate the display between Playback mode and clock time while in Tuner, Bluetooth or auxiliary input mode.

Clock Setup

Press and hold the **T/F** button (12) to access Clock Setup mode. The number representing the hours will flash.   Press **VOL** +/- buttons to adjust the hour.   Press **T/F** again briefly and the number representing the minutes will flash. Press the **VOL** +/- buttons to adjust the minutes. The new time will be saved 5 seconds after the last adjustment is made.

Speaker Output

The two speaker output buttons (5) (**SPEAKER A** and **SPEAKER B**) control speaker output from the radio. Press any of the two buttons to turn the corresponding speaker sets on or off.

TUNER OPERATION

Select a Band

Press **BAND** (3) to change between three FM bands (FM1, FM2 and FM3) and two AM bands (AM1 and AM2).

Tuning

Manual Tuning

Press the **tune up** (1) **or tune down** (2) buttons to tune the frequency one step higher or lower.   Press and hold to seek tune to next strong station.

Preset Stations

Store Preset Stations

Six numbered preset buttons store and recall stations for each AM and FM band. To store a station, select a band (if needed), then select a station. Hold a preset button for one second.
The current station will be stored, and the corresponding preset number will appear in the display.

Recall Preset Stations

To recall a station, select a band (if needed). Press a preset button momentarily, and the unit will tune to the corresponding stored station.

Automatic Store / Preset Scan (A / PS)

Automatically Stores

Press and hold the **A/PS** button (8) for more than one second, and the unit will automatically scan for and store six strong stations for all bands.   To stop this function before the automatic storing is complete, press **A/PS** again.

Preset Scan

Press **A/PS** to scan all preset stations in the current band.   The unit will play each station for five seconds before moving on to the next station.   To stop this function and play the current station, press the **A/PS** button again.

BLUETOOTH OPERATION

The AWM914 includes built-in Bluetooth technology that allows you to connect this head unit to Bluetooth devices for streaming audio playback.

About Bluetooth Technology

Bluetooth is a short-range wireless radio connectivity technology developed as a cable replacement for various electronic devices. Bluetooth operates in 2.4 GHz frequency range and transmits voice and data at speeds up to 1 megabit per second. Bluetooth was launched by a special interest group (SIG) comprised of Ericsson Inc., Intel Corp., Nokia Corp., Toshiba and IBM in 1998, and it is currently developed by nearly 2,000 companies worldwide. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks is under license. Other trademarks and trade names are those of their respective owners.

Pairing a Bluetooth Device

Before you begin, consult the owner's manual for the Bluetooth device you want to pair.
1. Make sure the device you want to pair is on and ready to receive a signal from the AWM914. To begin pairing, *press and hold* the ❽ button (10). The unit will automatically attempt to pair to available devices. When pairing with a smartphone, the AWM914 becomes "discoverable" by your smartphone and can be paired using the phone menu.
2. When the Bluetooth device has completed its search, the mobile phone will display the Bluetooth device name (AWM914).
3. Select AWM914.
4. Enter the pairing password (0000), if requested.
5. If successful, the unit will display "PAIR OK".

After connecting successfully, you are able to listen to music stored on your Bluetooth enabled device through the radio.

BT Audio (A2DP)

The A2DP music is available for Bluetooth enabled phones when the phone is connected. To access Bluetooth mode and play songs stored on your phone, press the ❽button (10). While in BT mode❽, the "BT AUDIO" is displayed on the LCD.

Selecting Tracks

During playback, press the **tune up >>|** (1) **or tune down |<<** (2) to play the previous or next track.

Pausing Playback

During playback, press the **number button 1/▶‖** to pause the BT AUDIO player. Press **number button 1/▶‖** again to resume playback. If you change to another mode, the mobile phone audio will pause. Press the ❽button (10) to return to BT mode and resume mobile phone audio playback.

NOTE: If a Bluetooth device is disconnected due to the power being turned off or if the device is disconnected inadvertently, the unit will automatically search for the matching BT mobile phone when the power is restored.

Bluetooth Menu Options

1. Press the ❽button (10) to enter menu adjustment mode.
2. With "Device" displayed, press the **VOL** +/- (9) buttons to select.
3. Press the **VOL** +/- buttons to view paired BT devices and press **6/ENTER** button (11) to select.
4. Once a device is selected, press the **VOL** +/- buttons to choose one of the following options: connect/disconnect, lock/unlock or delete (delete displays only if the device is not connected).
   • LOCK/UNLOCK: The AWM914 can store up to 5 devices for BT connection. The devices are stored in FIFO (First In First Out) order.
   To prevent a device from being bumped from the list when more than 5 devices are used, you must lock the device.

To Lock/Unlock a device, press the **6/ENTER** button.

- DISCONNECT: To disconnect a paired device, press the **6/ENTER** button to temporarily remove the BT link. The link can be re-established through your phone menu by selecting the AWM914 for connection.
- DELETE: To delete a device from the list, press the **6/ENTER** button.

5. Press the **6/ENTER** button to enter.

SPECIFICATIONS

General

Power Supply Requirements. . . . . DC 12 Volts, Negative Ground
Operating Voltage 10-16VDC
Overall Dimensions. . . . . 10-7/16"(W) x 2-2/3"(H) x 3-2/3"(D)
Mounting Dimensions . . .. 9-3/8"(W) x 1-7/8"(H) x 3"(D)
Weight . . . . 1.0 lbs.(0.42 Kg)

FM Tuner

Tuning range. 87.5-107.9Mhz
Sensitivity . . . . <5uV
Stereo separation @ 1 kHz . . . . >30dB

AM Tuner

Tuning range. 530-1710Khz
Sensitivity . . . . <30uV

Amplifier

Output Power . . . . 4 x 6 Watts per Channel
Output Impedance . . . . .Compatible with 4-8 Ohm Speakers,
4 Ohm Load Minimum
Total system power . . . . 24 Watts Maximum

Specifications subject to change without notice.

FCC Warnings

This device complies with Part 15 of the FCC Rules. Operation is subject to the
following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference
that may cause undesired operation.

**Changes or modifications not expressly approved by the party
responsible for compliance could void the user's authority to operate the
equipment.**

**NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO
OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS
TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S
AUTHORITY TO OPERATE THE EQUIPMENT.**