

MP6612i

Installation and Operation Manual

WMAMP3EQUSBSDSAT
READYRDSMade for
iPodBluetooth**240**Watts Peak
Watts en Crête
Valores el Máximo
60W x 4

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

INTRODUCTION

Congratulations on your purchase of the Jensen MP6612i Mobile Receiver. It's a good idea to read all of the instructions before beginning the installation. We recommend having your Jensen MP6612i installed by a reputable installation shop.

Features

CD / MP3 / WMA

- ID3 Tag Compatible
- Last Position Memory
- Directory Search (MP3 / WMA Only)
- MP3/WMA search by Track, File and Character
- Audible Forward / Reverse Track Search
- Random, Repeat and Intro
- Play, Pause, Stop, Next Track and Previous Track
- ESP Buffer (Electronic Shock Protection)

AM-FM

- RDS-Radio Data System
- USA / Europe Frequency Spacing
- 30 Station Presets (18 FM / 12 AM)
- Auto Stereo / Mono
- Local / Distance
- Auto Store / Preview Scan

Sat Radio Ready

- Compatible with XM and Sirius Tuners (Sold Separately)
- Requires XMDJEN100 or JXMC Cables (Sold Separately)
- Satellite Channel Name, Category, Artist, or Song Title can be displayed

iPod

- JLinkDirect - High Speed Direct Connect Interface To Access iPod Playlists, Artists, Albums, Songs.
- Intuitive Interface for Easy iPod Navigation
- Power Management Charges iPod While Connected
- Requires jLinkCable (Sold Separately)

MediaLink²

- Under Dash Interface Allows Portable Media Devices to be Connected
- MediaLink² Includes the Following connectivity:
 - jLinkDirect 8-pin DIN for iPod

- USB - Supports Hard Drives and Flash Memory Drives
- SD Card - Playback of MP3 and WMA files
- 3.5mm Audio Only Input

Chassis

- Detachable Faceplate
- 1.0 DIN (Import / ISO-DIN Mountable)
- Full Dot Matrix LCD Display

General

- Infrared Remote Control
- Programmable Volume Control
- MediaPlex AudioCore offers Adjustable Bass, Midrange and Treble Center Frequencies as well as Bass and Midrange Q Adjustments
- Five Preset EQ Curves
- Loudness
- Rotary Encoder Audio Control
- Beep Tone Confirmation (On-OFF Option)
- Variable Subwoofer Line Output w/ Multiple X-over Frequency Settings
- Front and Rear Line Output
- 200-Ohm Preamp Line Outputs
- 2VRMS Line Outputs

Optional Accessories

- jLinkCable - iPod interface Cable

INSTALLATION

This unit is designed for installation in cars, trucks and vans with an existing radio opening. In many cases, a special installation kit will be required to mount the radio to the dashboard. These kits are available at electronics supply stores and car stereo specialty shops. Always check the kit application before purchasing to make sure the kit works with your vehicle. If you have trouble locating a kit or need installation assistance, contact Technical Support at 1-800-323-4815 from 8:30am to 7:00pm EST Monday through Friday and from 9:00am to 5:00pm EST on Saturday.

Tools and Supplies

The following tools and supplies are needed to install the radio:

- Torx type, flathead and Philips screwdrivers
- 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
- 18 gauge wire for power connections
- 16-18 gauge speaker wire

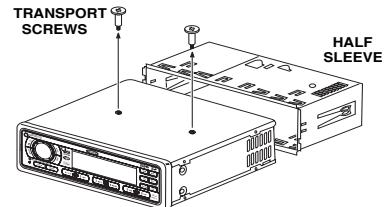
Preparation

1. Disconnect Battery

Before you begin, always disconnect the battery negative terminal.

NOTE: If the MP6612i is to be installed in a car 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.

2. Remove Transport Screws

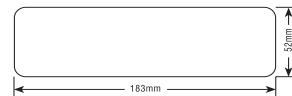


3. Remove Radio from Sleeve

Lift latches on both sides of sleeve to remove half-sleeve from radio.

Mounting Sleeve Installation

1. Slide the mounting sleeve off the chassis. If it is locked into position, use the removal tools (supplied) to disengage it.
2. Check the dashboard opening size by sliding the mounting sleeve into it.

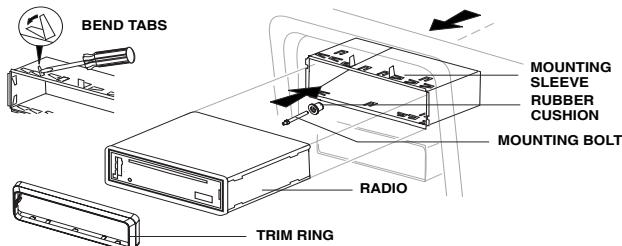
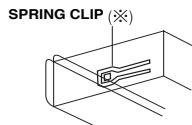


If the opening is too small, carefully cut or file as necessary until the sleeve easily slides into the opening. Do not force the sleeve into the opening or cause it to bend or bow. Check for sufficient space behind the dashboard for the radio chassis.

3. Locate the series of bend tabs along the top, bottom, and sides of the mounting sleeve. With the sleeve fully inserted into the dashboard opening, bend as many of the tabs outward as necessary to firmly secure the sleeve to the dashboard.

CAUTION: For proper operation of the CD player, the chassis must be mounted within 20° of horizontal.

- Place the radio in front of the dashboard opening so the wiring can be brought through the mounting sleeve. Follow the wiring diagram carefully and make certain all connections are secure and insulated with wire nuts or electrical tape. See "Wiring" on page 5. After completing the wiring connections, turn the unit on to confirm operation (vehicle ignition must be on). If the unit does not operate, re-check all wiring until the problem is corrected.
- Make sure the radio is right-side up, then carefully slide the radio into the mounting sleeve until it is fully seated and the spring clips lock it into place.
- Secure the rear of the unit to the car body using the mounting bolt and rubber cushion.
- Test the radio using the Operating Instructions that follow.



Kit Installation

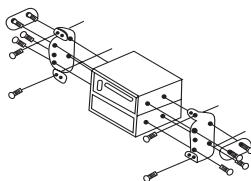
If your vehicle requires the use of an installation kit to mount this radio, follow the instructions included with the installation kit to attach the radio to the mounting plate supplied with the kit.

- Wire and test the radio as outlined in the Mounting Sleeve Installation instructions.

- Install the radio/mounting plate assembly to the sub-dashboard according to the instructions in the installation kit.
- Attach the support strap to the radio and dashboard as described in the Universal Installation instructions.
- Replace the dashboard trim panel.

ISO Installation

This unit has threaded holes in the chassis side panels which may be used with the original factory mounting brackets of some vehicles to mount the radio to the dashboard. Please consult with your local car stereo shop for assistance on this type of installation.



- Remove the existing factory radio from the dashboard or center console. Save all hardware and brackets as they will be used to mount the new radio.
- Carefully unsnap the plastic frame from the front of the new radio chassis. Remove and discard the frame.
- Remove the factory mounting brackets and hardware from the existing radio and attach them to the new radio. Do not exceed M5 x 9 MM maximum screw size. Longer screws may damage components inside the chassis.
- Wire the new radio to the vehicle as outlined in the Universal Installation instructions.
- Mount the new radio assembly to the dashboard or center console using the reverse procedure of step 1.

Fuses

When replacing a fuse, make sure the new fuse is the correct type and amperage. Using an incorrect fuse could damage the radio.

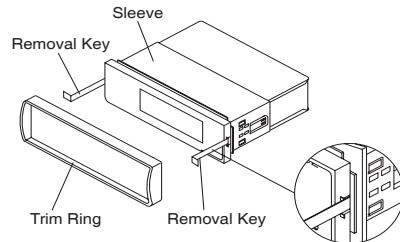
Reconnect Battery

When wiring is complete, reconnect the battery negative terminal.

Removing the Radio

To remove the radio after installation, remove the trim ring by lifting in the center and pulling it off from either side. Insert the removal keys straight

back until they lock, then pull the radio out. If removal keys are inserted at an angle, they will not lock properly and will not release the unit.



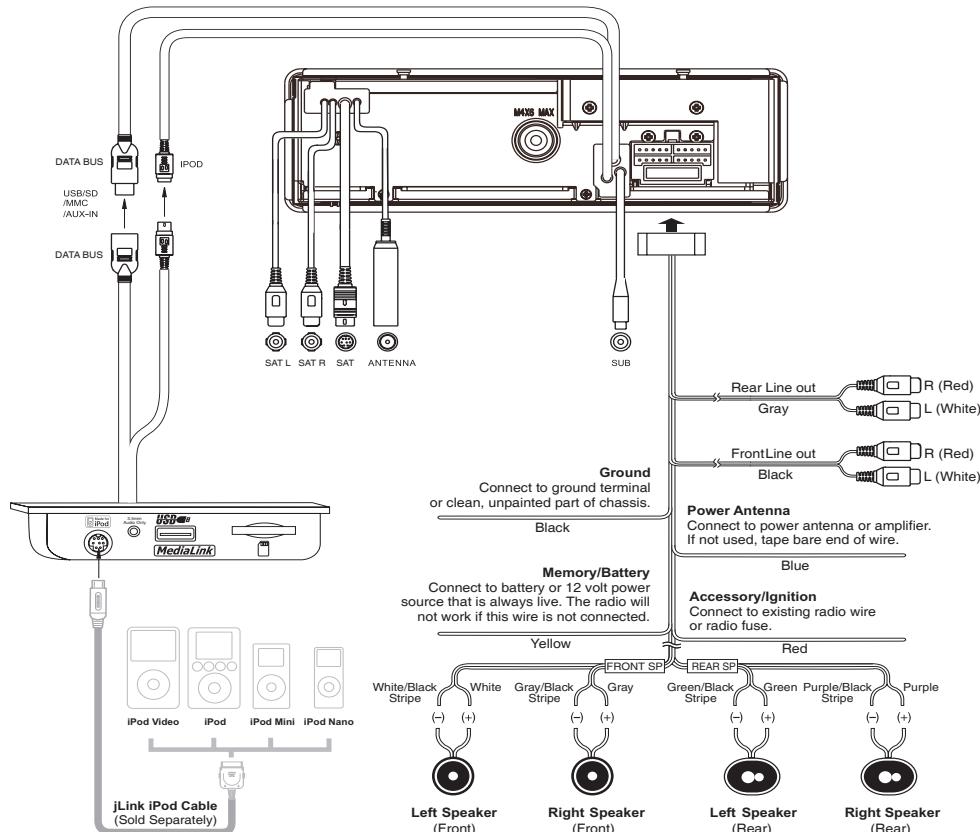
Technical Assistance

If you require assistance, contact Technical Support at 1-800-323-4815 from 8:30am to 7:00pm EST Monday through Friday and from 9:00am to 5:00pm EST on Saturday.

WIRING

NOTE: The amplifier in this radio is only designed for use with four speakers. Never combine (bridge) outputs for use with two speakers. Never ground negative speaker leads to chassis ground. Failure to wire exactly as shown may cause electrical damage to the radio.

NOTE: Only connect speakers with a nominal impedance of 4 ohms. Speakers with a load impedance less than 4 ohms could damage the unit.



FRONT PANEL RELEASE

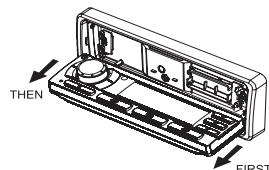
The open button (1) releases the mechanism that holds the front panel to the chassis.

Detaching the Front Panel

To detach the front panel:

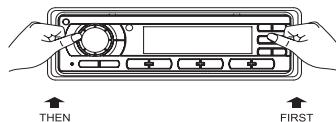
1. *Press and hold* the power button (2) to turn the unit off.
2. *Press and hold* the open button (1). The panel will slide down. You must *press and hold* to avoid ejecting the CD, if present.
3. Pull to release the right side of the panel.
4. Pull the left side of the panel to remove it.
5. After removing the front panel, store it in the supplied carrying case and take it with you when you leave the car.

The motorized mechanism will close automatically after 10 seconds.



Re-attaching the Front Panel

To re-attach the front panel, make sure the electrical terminals on the back of the panel are free of dust and dirt, as debris could cause intermittent operation or other malfunctions. Position the right side of the panel in place until correctly engaged, then lightly press the left side of the panel until the mechanism locks it into place.



OPERATION

Power

Press the power button (2) to turn the unit on. Press and hold the power button again to turn the unit off.

NOTE: LCD panels may take longer to respond when subjected to cold temperatures for an extended period of time. In addition, the visibility of the numbers on the LCD may decrease slightly. The LCD display will return to normal when the temperature increases to a normal range.

Source

Press the **SRC** button (7) to select a different mode of operation, as indicated on the display panel. Available modes include tuner (FM1, FM2, FM3, AM1, AM2), CD, USB, SD, SAT, iPod and auxiliary (AUX). CD, SD, USB, SAT and iPod mode only appear when the source is available.

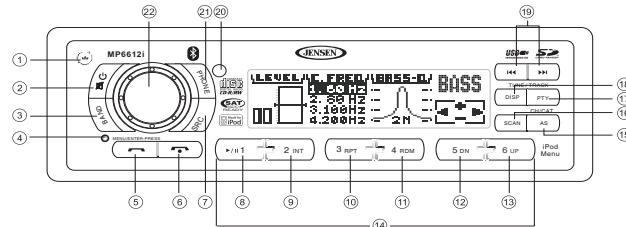
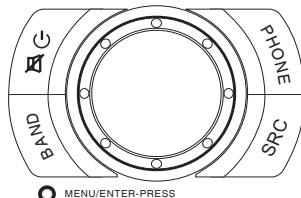
Audio Mute

Press the mute \times button (2) to silence the audio volume. "MUTE" appears on the display. Press mute \times again to restore volume to the previous setting.

Volume / Audio Control

To increase the volume, turn the rotary encoder (22) clockwise. To decrease the volume, turn the rotary encoder counter-clockwise. When volume is adjusted, the volume level will be shown on the display panel as a number ranging from "0" (lowest) to "46" (highest).

Press the **MENU** rotary encoder button (22) repeatedly to step through the following audio functions: equalizer EQSET, BASS, mid-range (MID), TREBLE, LOUD, subwoofer (SUB-W), and BAL/FAD.



After selecting an audio feature to adjust, use the **TUNE/TRACK >>|** or **|<<** buttons (19) to move right/left and select the various adjustment options for that feature. Turn the rotary encoder to select settings for each option. The unit automatically exits audio control mode after five seconds of inactivity.

Equalizer (EQSET)

To adjust equalizer settings, press the **MENU** button (22) to access the EQSET menu. Press the **TUNE/TRACK >>|** or **|<<** buttons (19) to select EQSET or EQ-MODE.

- **EQSET**
Turn the rotary encoder to turn the equalizer ON or OFF.
- **EQMODE**
Turn the rotary encoder to choose a preset equalizer setting: ROCK, HIP HOP, DANCE, RAVE, URBAN.
- **CURVE**
View the selected equalizer curve.

When the equalizer function is activated, the most recently selected bass/treble levels cannot be adjusted. When the equalizer function is not active, the unit will return to the most recently selected bass and treble levels.

Bass

To adjust Bass options, press the **MENU** button (22) twice or until "BASS" appears in the display. Press the **TUNE/TRACK >>|** or **|<<** buttons (19) to access the following Bass settings:

- **LEVEL**

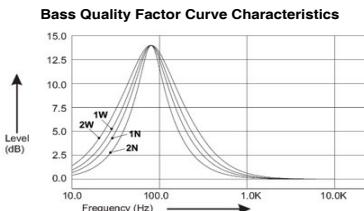
Turn the rotary encoder clockwise to increase or counter-clockwise to decrease the Bass level from “-6” to “+6”. “0” represents a flat response.

- **Bass Center Frequency (C. FREQ)**

Turn the rotary encoder clockwise to adjust the Bass Center Frequency to 60, 80, 100 or 200Hz.

- **Bass Quality Factor (BASS-Q)**

Turn the rotary encoder to select one of the following Bass Quality Factor options: 1N, 2N, 2W, 1W. The following chart depicts the curve characteristics for each step:



Mid-Range (MID)

To adjust Mid-Range options, press the **MENU** button (22) three times or until “MID” appears in the display. Press the **TUNE/TRACK >>| or |<<** buttons (19) to access the following Mid-Range settings:

- **LEVEL**

Turn the rotary encoder clockwise to increase or counter-clockwise to decrease the Mid-Range level from “-6” to “+6”. “0” represents a flat response.

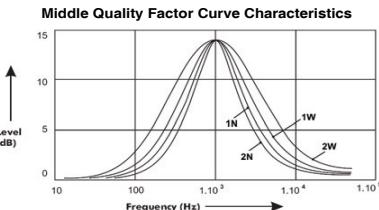
- **Mid-Range Center Frequency (C.FREQ)**

Turn the rotary encoder to adjust the Mid-Range Center Frequency to 500Hz, 1KHz, 1.5KHz, or 2.5KHz.

- **Mid-Range Quality Factor (MID-Q)**

Turn the rotary encoder to select one of the following Mid-Range

Quality Factor options: 1N, 2N, 2W, 1W. The following chart depicts the curve characteristics for each step:



TREBLE

To adjust Treble options, press the **MENU** button (22) repeatedly until “TREBLE” appears in the display. Press the **TUNE/TRACK >>| or |<<** buttons (19) to access the following Treble settings:

- **LEVEL**

Turn the rotary encoder clockwise to increase or counter-clockwise to decrease the Treble level from “-6” to “+6”. “0” represents a flat response.

- **Treble Center Frequency (C. FREQ)**

Turn the rotary encoder clockwise to adjust the Treble Center Frequency to 10KHz, 12.5KHz, 15KHz or 17.5KHz.

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. To adjust the Loudness settings, press the **MENU** button (22) repeatedly until “LOUD” appears in the display. Press the **TUNE/TRACK >>| or |<<** buttons (19) to access the following settings:

- **LOUD**

Turn the rotary encoder to turn the Loudness feature ON/OFF.

- **LEVEL**

Adjust gain to LOW, MID, or HIGH.

- **Peak Frequency (P. FREQ)**

Turn the rotary encoder to adjust the Peak Frequency to 400Hz, 800Hz, or 2.4KHz.

- **BOOST**

Turn the rotary encoder to select “Flat” or “On” (Bass Boost).

Subwoofer (SUB-W)

To adjust Subwoofer options, press the **MENU** button (22) until "SUB-W" appears in the display. Press the **TUNE/TRACK >>** or **<<** buttons (19) to access the following settings:

- **SUB-W**
Turn the rotary encoder to turn the subwoofer feature ON/OFF.
- **LEVEL**
The sub-woofer level control is only applicable if the unit is connected to an optional sub-woofer speaker. Turn the rotary encoder to turn the subwoofer ON/OFF or adjust the sub-woofer level from "00" to "12".
- **Sub-woofer Low Pass Filter (LPF)**
The sub-woofer LPF control is only applicable if the unit is connected to an optional sub-woofer speaker and a subwoofer level is selected. Turn the rotary encoder to select one of the following four Low Pass Filter options: Flat, 80Hz, 120Hz, 160Hz. ("Flat" turns the LPF off, allowing the sub-woofer to play full range.)

Balance (BAL/FAD)

To adjust the balance from "L10" (full left) to "R10" (full right), press the **MENU** button (22) until "BAL/FAD" appears in the display. Press the **TUNE/TRACK >>** or **<<** buttons (19) to adjust the balance between the left and right speakers. "C00" represents a center balance.

Fader (BAL/FAD)

To adjust the fader from "F10" (full front) to "R10" (full rear), press the **MENU** button (22) until "BAL/FAD" appears in the display. Turn the rotary encoder to adjust the fader between the front and rear speakers. "C00" represents a center fader level.

System Menu Operation

Press and hold the **MENU** button (22) for more than two seconds to access the **SYSTEM** menu. Press the **MENU** button repeatedly or use the **TUNE/TRACK >>** or **<<** buttons (19) to move through the following menu options: Time Format, VOL SEL, BEEP, Area, LOCAL, Bright, LCD Mode, Screen Save. The following procedures assume you have already accessed the menu.

Time Format

This option allows selection of a 12 hour or 24 hour clock format. "12 HOUR" is the default setting. Turn the rotary encoder to change to the 24 hour clock format.

Programmable Turn-on Volume Level (VOL SEL)

Press the **MENU** button (22) to select "Last" or "Adjust".

- **Last**
When the unit is turned on, the volume will resume at the level selected when last turned off.
- **Adjust**
After selecting "Adjust", press the **MENU** button to select "Volume PGM" and then turn the rotary encoder (22) to select the desired turn-on level (0-46). When this option is selected, the unit will revert to the adjusted volume each time the unit is turned on.

BEEP

Turn the rotary encoder to select "ON" or "OFF". When "ON" is selected, an audible beep tone is heard each time a button is pressed on the face of the radio. "BEEP ON" is the default setting.

Frequency Spacing (Area)

This option allows you to select the appropriate frequency spacing for your area. "U.S.A." is the default setting. Turn the rotary encoder to select "EUROPE", if needed.

LOCAL

Turn the rotary encoder to turn local radio reception "ON" or "OFF". When the Local function is on, only radio stations with a strong signal are played.

Bright

This option allows you to adjust the brightness of the LCD screen. Turn the rotary encoder to select a brightness level between "01" and "08", with "08" being the brightest.

LCD Mode

Turn the rotary encoder to select "Normal" or "Reverse", depending on personal preference. "Reverse" will reverse the black and white pixel display.

Screen Save

Turn the rotary encoder to select "ON" or "OFF". When "ON" is selected, the screensaver will appear after 5 seconds of inactivity, allowing your music to continue playing.

Clock Set

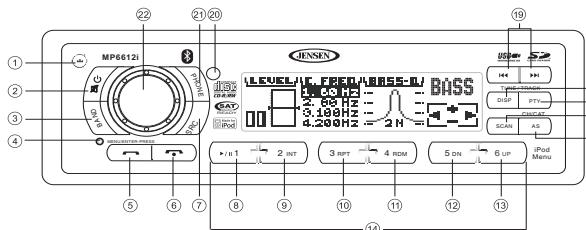
1. Press and hold the **DISP** button (18) until the clock blinks.
2. Turn the rotary encoder (22) to the right the set the hour and to the left to set the minutes.

Reset Button

The **RESET** button (4) is located on the front panel below the rotary encoder. The reset circuitry protects the microprocessor circuitry. Since resetting the unit will erase the time and preset memories, it should only be activated upon initial installation after all wiring is complete, or if there is a malfunction of any of the switches on the unit. In these circumstances, pressing the **RESET** button will clear the system and return the unit to normal operation.

TUNER OPERATION

The MP6612i allows you to receive channels in U.S.A. or EUROPE mode. See "Frequency Spacing (Area)" on page 9 to learn how to change the tuner options.



Select a Band

Press the **BAND** button (3) to change between three FM and two AM (MW) bands. Each band stores up to six preset stations.

Tuning

Auto Seek Tuning

Press the **TUNE/TRACK >>|** or **|<<** buttons (19) to move to the next/previous station automatically.

Manual Tuning

Press and hold the **TUNE/TRACK >>|** or **|<<** buttons (19) for more than three seconds to enter manual tuning mode. Next, press the **>>|** or **|<<** buttons to move the radio frequency number up or down one step.

Preset Stations

Up to six stations on each band can be stored as presets, which can then be instantly recalled by pressing the associated preset button (14). To store a station, turn the radio on and select the desired band and station. Press and hold the desired preset button (numbered one through six on the face of the radio) for more than two seconds. When stored, the preset number will appear in the display. The station is now stored and can be recalled by pressing the corresponding preset button. Repeat for the remaining five presets on the current band and for presets on the other four bands.

Preview Scan

Press the **SCAN** button (16) to scan all strong stations in the current band. The unit will stop at each station for five seconds before continuing to the next station. Press **SCAN** again to stop scanning and listen to the current station.

Automatic Store (AS)

Select six strong stations and store them in the current band using the Automatic Store feature. To enable this feature, press the **AS** button (15). The radio will automatically search the band in use and enter strong stations into the preset memory positions for that band. After entering the stations into memory, the unit will automatically stop at each station for five seconds, allowing you to preview each selection. When using the Automatic Store feature, the new stations replace any stations already stored in preset memory for the selected band.

Program Type (PTY)

PTY defines the type of program being broadcast, when applicable. Not all stations are broadcast with PTY information. You can use the PTY function to play stations broadcast in the following categories:

- All PTY (any station with PTY information is searched)
- Traffic (the **TA** (Traffic Announcement) icon appears lit when a station broadcasting PTY Traffic Reports is selected)
- News
- Information
- Sports
- Talk
- Rock
- Classic Rock
- Adult Hits
- Soft Rock
- Top 40
- Country
- Oldies
- Soft
- Nostalgia
- Jazz
- Classical
- Rhythm and Blues
- Soft Rhythm and Blues

- Language (foreign)
- Religious Music
- Religious Talk
- Personality
- Public
- College
- Weather
- Emergency Test
- Emergency

To search for stations in a PTY category:

1. Press the **PTY** button (17) to view the current PTY category.
2. Turn the rotary encoder (22) to move through the list of available categories.
3. After 2 seconds of inactivity, the radio will automatically scan and play the first station it locates in the selected category.

NOTE: PTY is a new broadcast technology that may not be extensively available in your area.

CD PLAYER OPERATION

Insert CD

1. Press the **OPEN/EJECT** button (1) and the motorized front panel will slide down automatically to display the disc slot.
 - If a disc is already present, it will be ejected. Remove the ejected disc before proceeding.
 - Hold the **OPEN/EJECT** button for 2 seconds to open the front panel door without activating the eject function.
2. With the label surface facing up, fully insert a compact disc into the disc slot until the mechanism engages and pulls the disc in.
 - After inserting a disc, the unit will pause for a few seconds and then automatically return to the closed position and begin playing the disc.
 - If no disk is inserted or the faceplate is removed, the motorized chassis will close after 10 seconds.

Eject CD

Press the **OPEN/EJECT** button (1) and the motorized front panel will slide automatically down to display the disc slot.

The unit will automatically stop CD play and eject the disc. If the disc is not removed from the unit within 15 seconds, the disc will be reloaded to prevent accidental damage.

NOTE: The unit is designed for play of standard 5" (12 cm.) compact discs only. Do not attempt to use 3" (8 cm.) CD singles in this unit, either with or without an adaptor, as damage to the player and/or the disc may occur. Such damage will not be covered by the warranty on this product.

Pause

Press the pause **>||** button (8) to suspend disc play. Press the pause **>||** button again to resume disc play.

Track Select

Press the **TUNE/TRACK >>|** or **|<<** buttons (19) for less than one second to advance to the next track on the CD. The selected track number will appear on the display. *Press and hold* the **TUNE/TRACK >>|** or **|<<** buttons (19) to fast forward or fast reverse through the disc. CD play starts when the button is released.

Intro Scan (INT)

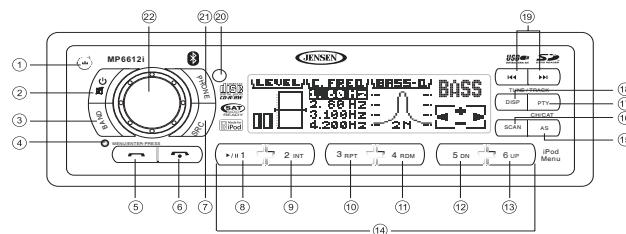
During disc play, press the **INT** button (9) to select "INT ON" and play the first 10 seconds of each track on the disc. When the desired track is reached, press **INT** again to end the scan and play the selected track.

Repeat (RPT)

Press the **RPT** button (10) during disc play to select "RPT ON" and continuously repeat the track. Press **RPT** again to stop repeating.

Random (RDM)

Press the **RDM** button (11) during disc play to select "RDM ON" and play all tracks on the CD in random, shuffled order. Press **RDM** again to stop random play.



CD Player Error Codes

If a problem should develop while operating the CD player, an error code 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. If an error code appears, try ejecting and reloading the disc into the player. While the disc is out of the unit, make sure it is clean and undamaged, and then load it correctly. If this does not solve the problem, pressing the **RESET** button may help, but will erase the time and preset memory. If the suggested measures do not solve the problem, contact an approved warranty station near you for further assistance.

MP3/WMA OPERATION

MP3 and WMA (Windows Media Audio) music files are digital audio files that are compressed to allow more files on a single CD. This unit can play MP3/WMA directly from files contained on a CD-R/RW, SD card or USB device using the buttons on the receiver (or optional remote control) as described below. Many types of software are available for converting audio files into MP3/WMA formats. Jensen recommends *Nero* or *Roxio Easy CD Creator*. Depending on the media type and recording method, some CD-R/RWs may be incompatible with this unit. This unit supports playback of MP3/WMA and CDDA (CDA), Mixed-Mode CDs and CD-Extra (including multi-session discs). Discs on which the session has not been closed will not play.

Notes on MP3/WMA Play

This unit can play MP3 (MPEG1, 2, 2.5 Audio Layer 3). However, the MP3 recording media and accepted formats are limited. When writing MP3/WMA, pay attention to the following restrictions.

Acceptable Media

The MP3/WMA recording media acceptable to this unit are SD card, USB hard drive or flash drive, CD-ROM, CD-R and CD-RW. When using CD-RW, use full format rather than quick format to prevent malfunction.

Acceptable Medium Formats

The following formats are available for the media used in this unit. The maximum number of characters used for file name including the delimiter (".") and three-character extension are indicated in parentheses.

- ISO 9660 Level 1 (11 characters)
- ISO 9660 Level 2 (31 characters)
- Joliet (31 characters)
- Romeo (31 characters)

Up to 200 characters can be displayed in the long file name format. For a list of available characters, see the instruction manual of the writing software and the section "Entering File and Folder Names" below. The media reproducible on this unit has the following limitations:

- Maximum number of nested folders: 8
- Maximum number of files per disc: 999
- Maximum number of folders per disc: 255

MP3/WMA files written in formats other than those listed above will not play successfully and their file or folder names will not display properly.

MP3/WMA Encoder and CD Writer Settings

Use the following settings when compressing audio data with the MP3 encoder.

- Transfer bit rate: 8 - 320 kbps
- Sampling frequency: 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 kHz

When using a CD writer to record MP3/WMA up to the maximum disc capacity, disable additional writing. To record an empty disc up to the maximum capacity at once, select the "disc at once" option.

Entering ID3 Tag

This unit supports ID3 tag versions 1.0 and 1.1. For character codes, refer to the table to the right.

Entering File and Folder Names

Names using the code list characters are the only file names and folder names that can be entered and displayed. Using any other character will cause the file and folder names to be displayed incorrectly. The unit recognizes and plays only files with the MP3/WMA extension.

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	0	@	P	'	P	■	“	”	■	”	À	Á	Ç	Ð	à	á
1	1	À	Á	Ç	Ð	à	á	ç	ð	à	À	Á	Ç	Ð	à	á
2	”	2	À	Á	Ç	Ð	à	á	ç	ð	À	Á	Ç	Ð	à	á
3	”	3	C	S	C	S	”	”	”	”	”	”	”	”	”	”
4	S	4	D	T	D	T	”	”	”	”	”	”	”	”	”	”
5	%	5	E	U	E	U	”	”	”	”	”	”	”	”	”	”
6	&	6	F	V	F	V	”	”	”	”	”	”	”	”	”	”
7	”	7	G	W	G	W	”	”	”	”	”	”	”	”	”	”
8	”	8	H	X	H	X	”	”	”	”	”	”	”	”	”	”
9	”	9	J	Y	J	Y	”	”	”	”	”	”	”	”	”	”
A	”	”	J	Z	j	z	”	”	”	”	”	”	”	”	”	”
B	”	”	”	K	l	k	”	”	”	”	”	”	”	”	”	”
C	”	”	”	<	L	\	l	”	”	”	”	”	”	”	”	”
D	”	”	”	=	M	\	m	”	”	”	”	”	”	”	”	”
E	”	”	”	>	N	\	n	”	”	”	”	”	”	”	”	”
F	”	”	”	?	O	\	o	■	”	”	”	”	”	”	”	”

NOTE: A file name entered with characters not on the code list may not play correctly.

Writing Files into a Medium

When a medium containing MP3/WMA data is loaded, the unit checks all data. If the medium contains a large number of folders or non-MP3/WMA files, MP3/WMA play will be delayed, it may take time for the unit to move to the next file, and searches may not be performed smoothly. Loading such a medium may produce loud noise and cause damage to the speakers. **Do not attempt to play a medium containing a non-MP3/WMA file with the MP3/WMA extension or a medium containing non MP3/WMA files.**

Electronic Shock Protection

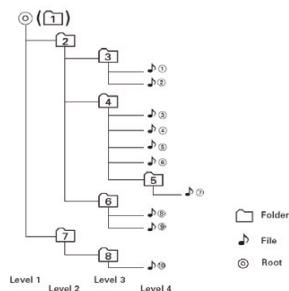
- 10 seconds for CD-DA (CDA)
- >45 seconds for MP3 recorded at 44.1kHz, 128kbps
- >90 seconds for WMA recorded at 44.1kHz, 128kbps

Bit Rates

The unit supports bit rates from 32 - 320 kbps.

MP3 Playing Order

When selected for play, files and folders (Folder Search, File Search or Folder Select) are accessed in the order they were written by the CD writer. As a result, the order in which they are expected to be played may not match the order in which they are actually played. You may be able to set the order in which MP3/WMA files are to be played by writing them onto a medium such as a CD-R with their file names beginning with play sequence numbers such as "01" to "99". For example, a medium with the following folder/file hierarchy is subject to Folder Search, File Search or Folder Select as shown below.



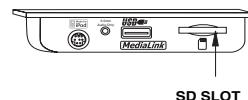
The MP6612i player will only recognize three folder levels and does not display folders containing only other folders. In the example above, the unit will display folders 3, 4, 6, and 8, but not 2 and 7 since they do not contain any tracks directly. Folder 5 is not recognized at all since it is at the fourth level.

Loading an MP3/WMA Disc

After the disc is loaded, "CD Read" is displayed then "MAX" followed by the number of tracks is displayed. The unit will then display ID3 information pertaining to the last selected category (Folder, File, Track, Artist, Album, or Track number and Elapsed time).

Loading an SD Card

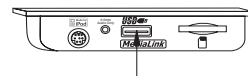
Insert the SD card, label side down, into the SD slot on the front of the MediaLink². The unit will display “Card Read” and read the files on the card automatically. “SD” is shown in the upper left hand corner of the LCD when in SD mode.



To remove the card, first press the **SRC** button (7) to switch to another mode and stop SD playback. Grasp the SD card and pull it straight out. Most cards have a thin recess that helps with removal.

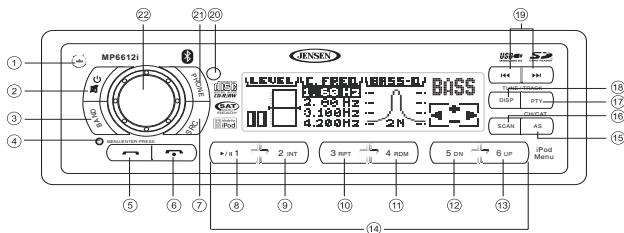
Loading a USB Device

1. Locate the USB jack on the MediaLink².



2. Insert the USB device into the USB jack. The unit will display "USB Read" and read the files on the device automatically. "USB" is shown in the upper left hand corner of the LCD when in USB mode.

To remove the USB device, press the **SRC** button (7) to switch to another mode and then remove the USB device from the USB jack.



Pause

Press the pause >/|| button (8) to suspend play. Press the pause >/|| button again to resume play.

Accessing the ID3 Tag

Press the **DISP** button (18) repeatedly during MP3/WMA play to access the ID3 information manually. The display will show any of the following information that is programmed on the source: Folder Name, File Name, Track Title, Artist Title, Album Name.

Track Select

Press the **TUNE/TRACK >>** or **<<** buttons (19) for less than one second to advance to the next track on the source, or for more than one second to fast forward or fast reverse through the track. Playback begins when the button is released.

Navigating Folders

Press the folder **UP** (13) button (also the "6" button) to advance 10 songs. Press the folder **DN** (12) button (also the "5" button) to move 10 songs in reverse.

Press and hold the folder **UP** button to skip to the next folder or the folder **DN** button to return to the previous folder.

Intro Scan (INT)

- Press the **INT** button (9) once to select “INT ON” and play the first 10 seconds of each track.
- Press **INT** twice to select “INT FOLD” and play the first 10 seconds of each track in the current folder.

- To turn off intro scan and play the current track, press the **INT** button until “INT” disappears from the display.

Repeat (RPT)

- Press the **RPT** button (10) once to select “RPT ON” and repeatedly play the current file.
- Press **RPT** twice to select “RPT FOLD” and repeatedly play all files in the current folder.
- To turn off repeat play, press the **RPT** button until “RPT” disappears from the display.

Random (RDM)

- Press the **RDM** button (11) once to select “RDM ON” and randomly play all files on the source.
- Press **RDM** twice to select “RDM FOLD” and randomly play all files in the current folder.
- To turn off random play, press the **RDM** button until “RDM” disappears from the display.

MP3/WMA Search

Press the **AS** button (15) to activate the Search function. The LCD will display "Search" and list three search options.

Track Search

1. Turn the rotary encoder (22) to highlight "Track Search".
2. Press **MENU** (22) to confirm. "Track 001" appears on the screen.
3. Turn the rotary encoder to enter the third digit of a possible three digit track number.
4. Press **MENU** to confirm.
5. Turn the rotary encoder to enter the second digit.
6. Press **MENU** to confirm.
7. Turn the rotary encoder to enter the first digit.
8. *Press and hold the **MENU** button to confirm and play the file. You can perform this step after entering one or two digits if the file number is less than three digits.*

File Search

1. Turn the rotary encoder (22) to highlight "File Search".
2. Press **MENU** (22) to confirm. A list of folders appears on the screen.
3. Turn the rotary encoder to browse the folder list.
4. Press **MENU** to select a folder.
5. Turn the rotary encoder to browse the files or folders in the selected folder.

6. Press **MENU** to select a file or folder.
7. Repeat above steps as necessary.
8. *Press and hold the **MENU** button to confirm and play the file*

Character Search

1. Turn the rotary encoder (22) to highlight “Char Search”.
2. Press **MENU** (22) to confirm. “Char INPUT, A” appears on the screen.
3. Turn the rotary encoder to enter the first character (A-Z, 0-9, blank space).
4. Press **MENU** to confirm.
5. Repeat as necessary, entering at least two characters (8 maximum).
6. *Press and hold the **MENU** button to search for the file.*
 - If more than one match is found, use the rotary encoder to choose the desired file and press **MENU** to confirm.
 - If no match is found, “NO MATCH” is displayed.

NOTE: The Character Search string must match the first 3-8 characters of a file name to be found.

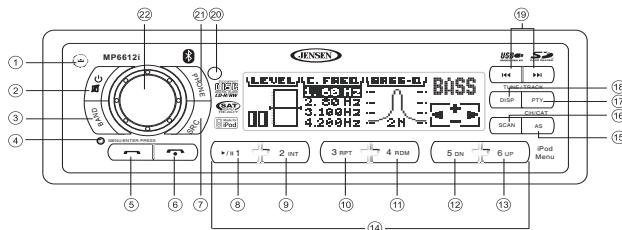
SATELLITE RADIO OPERATION

Listeners can subscribe to XM® Radio on the Web by visiting www.xmradio.com, or by calling (800) 967-2346. Customers should have their Radio ID ready (see "Displaying the Identification (ID) Code"). Customers can receive a limited number of free-to-air channels without activation.

Listeners can subscribe to Sirius® Radio on the Web by visiting www.sirius.com, or by calling (888) 539-SIRIUS. Customers should have their Sirius ID ready (Sirius ID is located on the Satellite Radio Tuner, sold separately). Customers can listen to music samples by tuning to channel 184.

Accessing Satellite Radio Mode

To switch to Satellite Radio mode, press **SRC** (7) until “-- SAT --” appears on the display. This will not be displayed unless the unit is connected to an optional XM or Sirius receiver.



Displaying the Identification (ID) Code

Before you listen to Satellite Radio, you must subscribe to the service using your radio's identification number. To display the radio ID, press the **TUNE/ TRACK |<>** button (19) to access channel 000. The screen displays “RADIO ID” followed by the ID number.

Selecting a Station

Press the **TUNE/TRACK >>| or |<<** button (19) to change to another station.

Preset Stations

Press the **BAND** button (3) to change between three SAT Radio bands. Each band stores up to six preset stations. You can store and recall a total of 18 preset stations.

Store a Station

1. Select a band (if needed), then select a station.
2. Hold a preset button (14) for three seconds. The preset number appears in the display.

Recall a Station

1. Select a band (if needed).
2. Press a preset button (14) to select the corresponding stored station.

Direct Tuning Mode

To enter a station directly, perform the following steps.

1. Press the **AS** button (15).
2. Press the **MENU** button to select “Direct Tune”.
3. Turn the rotary encoder to select the third digit of the desired channel (0-9).
4. Press **MENU** (22) to enter the number and move to the second position.
5. Turn the rotary encoder again to select the second digit of the desired channel (0 - 9).
6. Press **MENU** to enter the second number and move to the first position.
7. Turn the rotary encoder again to select the first digit of the channel you want to tune to (0 - 2).
8. Press **MENU** to enter the final number and access the channel.

NOTE: If the channel is unauthorized or invalid, “Unavail” appears on the LCD and the unit returns to SAT mode.

Category Tuning Mode

To select stations in a specific category, perform the following steps.

1. Press the **AS** button (15).
2. Turn the rotary encoder to select “Category Tune”.
3. Press the **MENU** button (22).
4. Turn the rotary encoder to move through the available categories.
5. Press the **MENU** button (22) to select the displayed category.
6. Once a category is selected, turn the rotary encoder to select stations in the current category.
7. Press **MENU** to select the displayed channel.

Display Modes

Press the **DISP** button (18) to change the mode to the following options in the order listed.

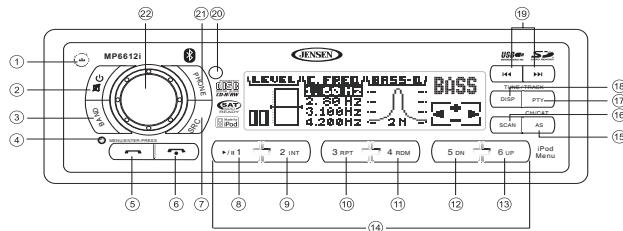
- Channel Name
- Artist name
- Song Name

If the selected channel name, artist, or title exceeds 15 characters, the display information will scroll upon selection.

iPod OPERATION

Accessing iPod Mode

Press the **SRC** button (7) to change to iPod playback mode. iPod playback begins automatically when an iPod is connected.



Selecting a Track

Press the **TUNE/TRACK >>|** or **|<<** button (19) to select a track.

Press and hold the **TUNE/TRACK >>|** or **|<<** button (19) to fast forward or fast reverse through the track.

Display Modes

Press the **DISP** button (18) to change the ID3 display to the following options in the order listed.

- Track number and elapsed playing time
- Song name
- Artist name
- Album name

If the selected album name, artist, or title exceeds 15 characters, the display information will scroll upon selection.

Repeat (RPT)

- Press the **RPT** button (10) once to select "RPT ONE" and repeatedly play the current file.
- Press **RPT** twice to select "RPT ALL" and repeatedly play all files in the current folder.
- To turn off repeat play, press the **RPT** button until "RPT" disappears from the display.

Random (RDM)

- Press the **RDM** button (11) once to select "RDM SONG" and randomly play all files on the source.
- Press **RDM** twice to select "RDM ALBUM" and randomly play all files in the current folder.
- To turn off random play, press the **RDM** button until "RDM" disappears from the display.

iPod Category Search

Press the **6 UP** button (13) to enter the iPod menu. Turn the rotary encoder (22) to choose from the following categories:

- PLIST
- ARTIST
- ALBUM
- GENRE
- SONG
- COMPOSER

Press the **MENU** button (22) to select an option. At any point, you can press the **6 UP** button (13) to return to the previous option.

Some search categories require multiple selections before accessing a track, depending on the file structure on your iPod and availability of items in a particular search category. For example, after selecting **GENRE** you may be required to select **GENRE > ARTIST > ALBUM > SONG** before accessing the desired track. Continue using the rotary encoder/**MENU** button until you locate the track you would like to play.

BLUETOOTH OPERATION

About Bluetooth

Bluetooth is a short-range wireless radio connectivity technology that is developed as a cable replacement for mobile phones, handheld PCs and other 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 by Audiovox Corporation is under license. Other trademarks and trade names are those of their respective owners.

NOTE: The line-of-sight distance between this unit and your cellular phone must be 8 meters or less for sending and receiving voice and data via Bluetooth wireless technology. However, the transmission distance may become shorter than the estimated distance, depending on the environment in use.

Before attempting to use the Bluetooth functions on the MP6612i, please make sure your mobile phone supports Bluetooth functions (Headset or Handsfree profiles or both). Adhere to the following guidelines for successful operation.

- Before using Bluetooth functions, you must pair your mobile phone to the MP6612i head unit (see "Pairing your Mobile Phone and Head Unit via Bluetooth"). To ensure the best reception for pairing and reconnection, please make sure the phone battery is fully charged before you begin.
- Try to perform pairing within a few minutes of the phone being turned on.
- Once the unit has been paired with the phone, the unit's model number, "MP6612i", will be displayed on the mobile phone.
- To achieve the best performance, always keep the mobile phone within 3 meters of the head unit.
- Always keep a clear path between the mobile phone and the head unit. Never place a metal object or any other obstacle between the mobile phone and the head unit.

Some mobile phones (like Sony Ericsson) may have a "Power Saving Mode" option. PLEASE DO NOT use the power saving mode with the MP6612i.

- Before accepting or making a call, make sure your mobile phone's "Bluetooth function" is turned on.
- To ensure the best conversation quality/performance, stay within one meter of the head unit when talking.
- To "disconnect" the mobile phone from the head unit, turn the Bluetooth connectivity off on the mobile phone.
- **Phone Book direct searching through the head unit is only available if the mobile phone supports Phone Book Download.** If the feature is not supported, the head unit will display "EMPTY" when an attempt is made to download a phone book.

Hands Free Profile (HFP)

To use a phone wirelessly with this unit, it is necessary to first establish a connection using Bluetooth wireless technology. Connection is normally established using HFP (Hands Free Profile), which gives you full control of functions available on the telephone source. However, depending on your phone, the connection may be made using HSP (Head Set Profile), making some functions unavailable. This is a limitation of your phone, not the MP6612i.

Since there are a number of Bluetooth mobile phone implementations available on the market, operations with your Bluetooth mobile phone using this unit vary greatly.

Please refer to the instruction manual that came with your Bluetooth mobile phone along with this manual while operating your phone with this unit.

Pairing your Mobile Phone and Head Unit via Bluetooth

1. Press the **SRC** button (7) to access Bluetooth mode and initiate the pairing process. Keep the phone within 2 meters of the head unit during pairing. ***NOTE: If your phone does not automatically discover the MP6612i, press and hold the SRC button to manually pair your phone.***
2. Select the Bluetooth setup option on the bluetooth phone to be paired (please refer to the phone's instruction manual to learn how to enter Bluetooth setup, turn Bluetooth on/off, and perform pairing).
3. Select "MP6612i" from the pairing list on the Bluetooth phone and select "YES" to connect.
4. When your phone asks for a "pass key", enter "1234".
 - If pairing is successful, "Pairing OK" appears on the LCD and the Bluetooth icon will stop flashing.
 - If pairing fails, "Pairing Failed" appears on the LCD.

NOTE: Not all Bluetooth phones and features are compatible with the MP6612i (i.e HFP and phone book access).

Connecting/Disconnecting Your Phone

When the phone is out of range of the head unit (approximately 100 feet), it will automatically disconnect.

Press and hold the **BAND** button (3) to manually reconnect the phone when entering the vehicle.

NOTE: You can only reconnect a paired device using the BAND button.

Managing Incoming Calls

When connected to a Bluetooth phone, the unit will mute audio output, pause CD play, and change to the Bluetooth screen when a call is received. An incoming phone number will appear on the screen below "Answer ?". The call duration appears on the screen.

Answering an Incoming Call

To answer the call, press the \rightarrow button (5).

For best reception, speak loudly and clearly. To end the conversation, press the \leftarrow button (6) button. The screen will display "Call Ended!" and then return to the previous mode.

Rejecting an Incoming Call

Press the \leftarrow button to reject an incoming call. The call will end and go to voice mail, if available.

Volume Control

To increase or decrease the volume level, turn the rotary encoder (5), or press the **VOL** buttons on the remote control.

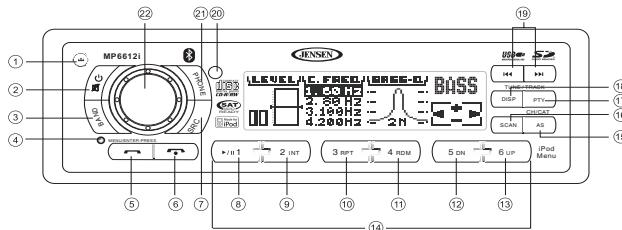
Making an Outgoing Call

1. Press the \rightarrow button (5) to open the direct dial screen.
2. Use the 0-9, * and # keys on the remote control to input the phone number.
 - Press the \leftarrow button (6) button to clear the last digit.
 - Press and hold the \leftarrow button (6) button to clear the entire number and start over.

- Use the **TUNE/TRACK >>| or |<<** buttons (19) to move the cursor and change an incorrect digit.
3. Press the \rightarrow button to dial the call.

NOTE: You can dial a number from any of the menu lists by highlighting the number and pressing the \rightarrow button (5).

Press the \leftarrow button to end a call.



Call Transfer

While talking, press the \rightarrow button (5) to transfer an active call from the head unit back to the mobile phone. "Call Transfer!" appears on the LCD.

Using Speed Dial

Storing a Number

1. Press the **PHONE** button (21) to access the Bluetooth menu.
2. With SPEED DIAL displayed at the top of the screen, turn the rotary encoder to choose the preset M1-M6 position for which you would like to store/edit a number.
3. Press the **ENTER** button (22) to confirm and access the input screen.
4. Use the rotary encoder to select the digit for each position, pressing the **ENTER** button after each entry. You can enter up to 20 digits on the first line.

NOTE: You can use the TUNE/TRACK >>| or |<< buttons (19) to move the cursor and return to a position that needs to be changed.

5. After the last digit, press **ENTER** again to move to the second line.

6. Use the rotary encoder to enter a name to identify the number, pressing **ENTER** after each entry. You can enter up to 10 characters (digits and/or letters) on the second line.
7. After the last character, press **ENTER** again to finalize your entry.

NOTE: You can also save a number from the **RECV** or **DIAL** list by highlighting the number and then pressing and holding a preset number (M1-M6).

Dialing a Saved Number

1. Press the \rightarrow button (5) to begin a call.
2. Press and hold the corresponding preset number (M1-M6) to dial the SPEED DIAL number associated with that preset position.

Menu List

Press the **PHONE** button (21) to access the Bluetooth menu. The following menu options are available.

NOTE: Not all phones allow access to missed, received or dialed calls and some will not allow uploading of your phone's address book.

SPEED DIAL

Use the Speed Dial feature to store up to 6 numbers for easy recall using the M1-M6 memory buttons on the front of the radio. See "Using Speed Dial" on page 22.

RECV LIST

Select the **RECV LIST** (received calls list) to view the received numbers stored on your phone. The last received number is the first number on the list. To make a call from the received list, turn the rotary encoder (22) to select the number and then press the \rightarrow button (5). The LCD will display "Empty" when the feature is not available.

DIALED LIST

Select the **DIALED LIST** option to retrieve the list of dialed numbers from your phone. The last dialed number is the first number on the list. To make a call from the Dialed list, turn the rotary encoder (22) to select the number and then press the \rightarrow button (5). The LCD will display "Empty" when the feature is not available.

MISSED LIST

Select the **MISSED LIST** option to retrieve the list of Missed numbers from your phone. The last missed number is the first number on the list. To make

a call from the Missed list, turn the rotary encoder (22) to select the number and then press the \rightarrow button (5). The LCD will display "Empty" when the feature is not available.

PHONE BOOK

Select the **MOBILE** or **SIM** Phone Book menu option to display the phone book stored on your mobile phone, if compatible. The screen will display "Reading" while the phone book is downloading.

To make a call from the Phone Book list, turn the rotary encoder (22) to select the number and then press the \rightarrow button (5). The LCD will display "Empty" when the feature is not available.

NOTE: Some mobile phones and most "Smart" phones do not support Phone Book upload through Bluetooth.

Auto Answer

You can choose to have the MP6612i automatically answer incoming calls to your paired Bluetooth phone. Turn the rotary encoder (22) to turn Auto Answer "ON" or "OFF".

BT Volume

Turn the rotary encoder (22) to select the desired Bluetooth volume, from 0-46.

Advanced Audio Distribution Profile (A2DP)

The MP6612i allows you to play back audio files from your phone, PDA or personal music player using a Bluetooth connection.

Before using an audio player, it may be necessary to enter a PIN code (1234) into the unit.

NOTE: Please turn A2DP off on your phone before attempting to make a phone call, as unexpected results may occur depending on your mobile phone model.

The MP6612i can control a Bluetooth audio player via Advanced Audio Distribution Profile (A2DP) or Audio/Video Remote Control Profile (AVRCP). Bluetooth audio players (or Bluetooth adapters) compatible with these profiles can be connected to this unit. Functionality varies depending on the profile used:

- A2DP: Stream audio from your Bluetooth compatible audio player and listen to the music through your MP6612i. Play/pause, song selection, etc. are not possible.

- AVRCP: Play back, pause, select songs, etc. while streaming audio from your Bluetooth compatible audio player to the MP6612i.

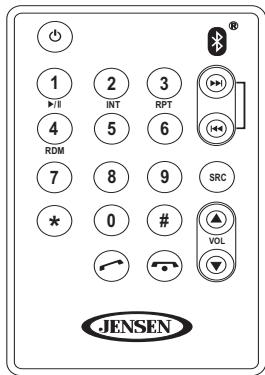
NOTE: Song information (e.g. elapsed playing time, song title, song index, etc.) cannot be displayed on this unit.

Since there are a number of Bluetooth audio players available on the market, operations with your Bluetooth audio player using this unit vary greatly.

Please refer to the instruction manual that came with your Bluetooth audio player as well as this manual while operating your player with the MP6612i.

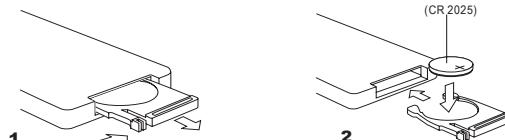
REMOTE CONTROL

The remote control will allow you to control many functions of the MP6612i.



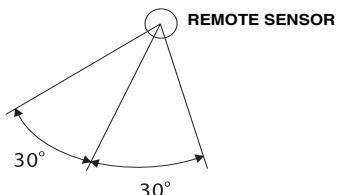
Replacing the Battery

When the range of operation of the card remote control becomes short or stops functioning, replace the battery with a new lithium battery. Be sure to observe the proper polarity, as indicated below.



Operating Range

The remote control sensor (20) is located to the right of the **PHONE** button. The remote control can operate within a distance of 3~5m.



CARE AND MAINTENANCE

CD Player

The following guidelines will help you extend the life of your CD player:

1. When cleaning the vehicle interior, do not get water or cleaning fluids on the unit.
2. The CD player will not operate properly in extreme hot/cold or under damp conditions. In case of such conditions, wait until the vehicle interior reaches a normal temperature or any condensation on the disc player lens has evaporated before using the player.
3. Never insert anything other than round 5" CDs into the player. Attempting to insert CDs of other sizes (even with an adaptor) will cause damage not covered by the warranty.
4. Always remove the CD when the player is not in use.
5. The unit is designed with a vibration dampening CD mechanism to minimize interruption of disc play due to normal vibration in a moving vehicle. However, occasional sound skips may occur when driving on very rough roads. This will not scratch or damage the disc, and normal play will resume when the rough conditions cease.

Compact Discs

CD-R and CD-RW Capability

Depending on media type and method of "recording/burning", some CD-R/RWs may be incompatible with this unit. After "recording/burning", the session **must be closed**. Please refer to your software's recommended procedures for closing a disc/session. Review your recording software to familiarize yourself with the correct "recording/burning" procedures. We recommend using the latest versions of ROXIO™ or NERO™ burning software.

In addition, this unit will only recognize the CDDA (Compact Disc Digital Audio), .MP3 and .WMA formats "recorded / burned" onto a CD-R/RW. **This unit does not support .WAV, .OGG or other formats.**

CD Care and Handling

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.

1. Carefully wipe fingerprints, dust and dirt from the disc's playing surface with a soft cloth. Wipe in a straight motion from the inside to the outside of the disc.
2. Never use chemicals such as record sprays or household cleaners to clean CDs, as they can irreparably damage the disc's surface.
3. Discs should be kept in their storage cases when not in use.
4. Do not expose discs to direct sunlight, high temperatures or high humidity for long periods.
5. **Do not stick paper, tape or CD labels on disc surfaces, as internal damage may occur.**

TROUBLESHOOTING

Problem	Cause	Corrective Action
Does not operate (display does not light)	No power to yellow wire; no power to red wire	Check connection with test light; check vehicle fuse with test light
	Inline fuse blown	Replace fuse
No power to unit	Inline fuse blown	Check/replace fuse
No speakers operate (display lights normally)	No speaker harness; speakers not connected	Connect speaker harness; check speaker wires
Not all speakers operate	Incorrect splices or connections	Check all splices and connections
	Speaker wires shorting to chassis ground or to each other	Check splices; insulate all bare wires
Blows fuses	Power wire shorting to ground	Make sure wire is not pinched
	Speaker wires shorting to ground	Make sure wire is not pinched
	Incorrect fuse; fuse too small	Install fuse of correct rating

SPECIFICATIONS

CEA Power Ratings



Power Output	18 watts RMS X 4 channels into 4-ohms @ $\leq 1\%$ THD+N
Signal to Noise Ratio	70dBA below reference (reference: 1 watt, 4-ohms)
Frequency Response	20Hz to 20kHz (-3dB), Auxiliary input used as source reference
Reference Supply Voltage	14.4VDC

CD Player

Compatible Disc Media	CD-R/RW
Compatible Media Formats	CD-DA, MP3, WMA
Signal to Noise Ratio @ 1 kHz	> 90dB
Frequency Response	20Hz to 20 kHz, -3dB
Channel Separation	> 60dB @ 1 kHz
D/A Converter	1bit/channel

FM Tuner

Tuning Range	87.5MHz - 107.9MHz
Mono Sensitivity (-30dB)	11dBf
Quieting Sensitivity (-50dB)	15dBf
Signal to Noise Ratio @ 1 kHz58dB
Stereo Separation @ 1 kHz	>30dB
Frequency Response	30Hz - 12kHz, -3dB

AM Tuner

Tuning Range	530 kHz - 1710 kHz
Sensitivity (-20dB)15uV
Signal to Noise Ratio @ 1 kHz50dB
Frequency Response	50Hz - 2kHz, -3dB

Auxiliary Input

Input Sensitivity400mV RMS for 1 watt RMS into 4-ohms
Frequency Response	20Hz to 20kHz, -3dB
Input Impedance	10k ohms

General

Power Supply	11 to 16VDC, negative ground
Power Antenna (Blue)500mA max, current limited protection
Operating Temperature	-20C - 65C
Fuse	15-amp, ATO type
DIN chassis dimensions	7" X 7" X 2" (178mm x 178mm x 50mm)

**Specifications subject to change without notice.*

Limited Warranty

CD or Multimedia Radios/Headunits

Audiovox Electronics Corporation ("the Company") is committed to quality and customer service, and are pleased to offer you this Warranty. Please read it thoroughly and contact the Company at 1-800-323-4815 with any questions.

Who is covered?

The Company extends this warranty to the original retail purchaser of products purchased through an authorized Audiovox retailer in the U.S.A., Puerto Rico or Canada. This warranty is not transferable or assignable. Proof of purchase is required in the form of an original sales receipt.

What is covered?

The Company warrants that should this product or any part thereof, under normal use, 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 a new or reconditioned product (at the Company's option) without charge for parts and repair labor.

What is not covered?

This Warranty does not cover the following:

- Damage incurred during shipping or transporting the product to the Company or a service center
- Elimination of car static or motor noise
- Defects in cosmetic, decorative or non-operative structural parts
- Correction of antenna problems
- Costs incurred for installation, removal or reinstallation of the product
- Consequential damage to compact discs, USB devices, digital media cards, accessories or vehicle electrical systems
- Damage caused by improper installation, mishandling, misuse, neglect, accident, blown fuse, battery leakage, theft or improper storage
- Products whose factory serial number/bar code label(s) or markings have been removed or defaced
- Damage resulting from moisture, humidity, excessive temperature, extreme environmental conditions or external natural causes

Please review the "Care and Maintenance" section of your Installation and Operation Manual for additional information regarding the proper use of your product.

DO NOT RETURN THIS PRODUCT TO THE STORE

Limitations

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 24 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.

Obtaining Warranty Service

- To obtain repair or replacement within the terms of this Warranty, call 1-800-323-4815 for the location of a warranty station serving your area.
- You must prepay the initial shipping charges to the Company. The Company will pay the return shipping charges for all warranted products returned to an address within the U.S.A., Puerto Rico or Canada.
- Please package the product securely to avoid shipping damage. We recommend using a carrier that provides tracking service to prevent lost packages. Lost or damaged packages are not covered by this warranty.
- Provide a detailed description of the problem(s) for which you require service.



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