

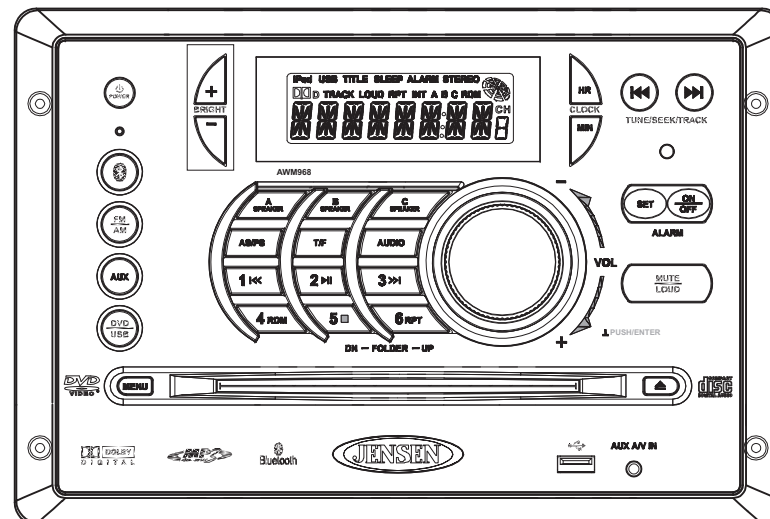


DESIGNED TO MOVE [YOU]

AWM968

MOBILE AUDIO SYSTEM

Installation and Operation Manual





DESIGNED TO MOVE [YOU]

TABLE OF CONTENTS

Installation	2
Wiring	3
Basic Operation	4
AM/FM Tuner Operation	6
CD Operation	7
DVD/VCD Operation	9
MP3/USB Operation	11
Bluetooth Operation	13
Remote Control Operation	14
Setup Menu	15
Specifications	17
Troubleshooting	17

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 AWM968 mobile audio system include:

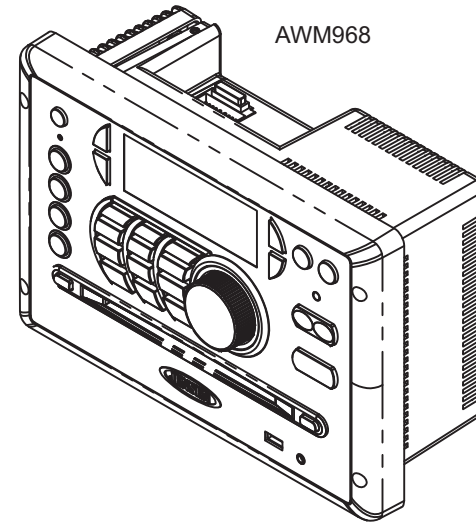
- Digital AM/FM Tuner/30 Preset stations (12 AM/12/18 FM)
- Bluetooth Ready with A2DP/AVRCP Streaming Audio
- Skip Protected Disc Mechanism
- CD, CD-R, CD-RW, DVD/DVD+R, DVD RW, DVD-R, DVD -RW, DVD-Video, MPEG-4, VCD, JPEG and MP3/WMA Compatible
- Last Track Memory
- Time/Alarm Clock
- LCD Backlight Controls
- 1/8" Front Auxiliary Audio/Video Input
- Rear Audio/Video RCA Inputs/Outputs
- USB Input
- 3 Zone / 8 Speaker Output
- Wireless Remote Control Included

Precautions

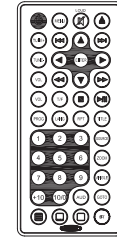
- **Use the Proper Power Supply.**
This product is designed to operate with a 12 volt DC, negative ground battery system (the standard system in a North American vehicle).
- **Protect the Disc Mechanism.**
Avoid inserting any foreign objects into the slot of this player. Failure to observe this may cause malfunction due to the precise mechanism of this unit.
- **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.

CAUTION: This mobile DVD player is a Class I laser product that uses a visible/invisible laser beam which could cause hazardous radiation exposure if improperly directed. Be sure to operate the mobile DVD player as instructed. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not attempt to repair the unit yourself. Refer servicing to qualified personnel.

Packing List

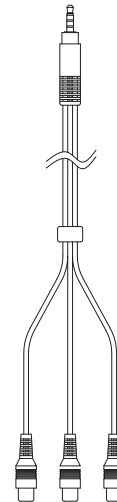
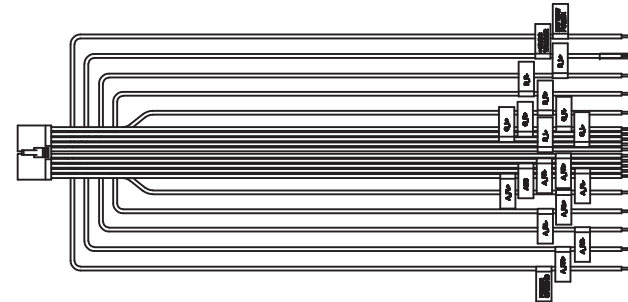


AWM968



REMOTE CONTROL WITH BATTERY

20-PIN POWER/A-B SPEAKER MATING PIGTAIL



AUX AUDIO / VIDEO CABLE

INSTALLATION

It's a good idea to read all of the instructions before beginning the installation. We recommend having your JENSEN AWM968 installed by a reputable RV dealership.

Tools and Supplies

You will need these tools and supplies to install your AWM968:

- 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 AWM968 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.

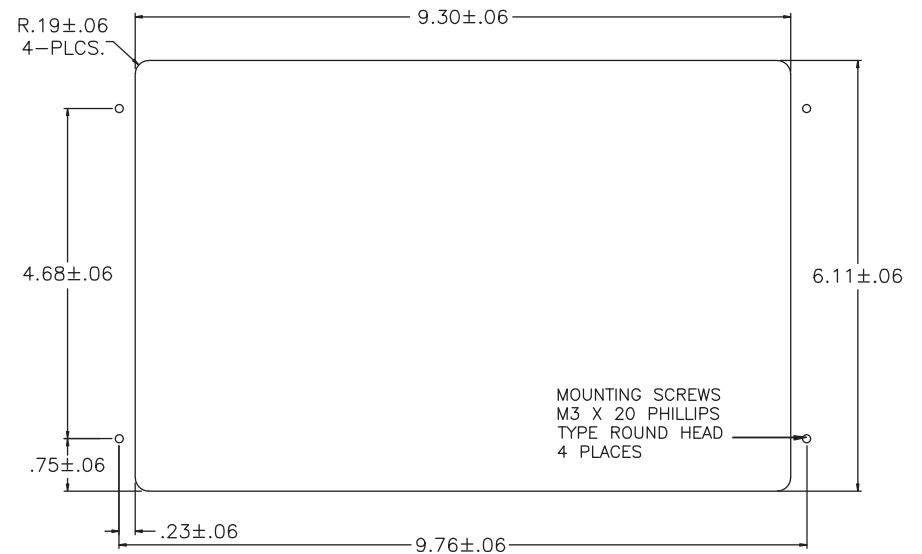
Selecting the Mounting Location

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, then mount the unit using four M3x20mm screws.



NOTE: Before cutting the mounting hole, make sure the area behind the mounting location is clear of wires, fuel and vacuum or brake lines.

Mounting the Radio

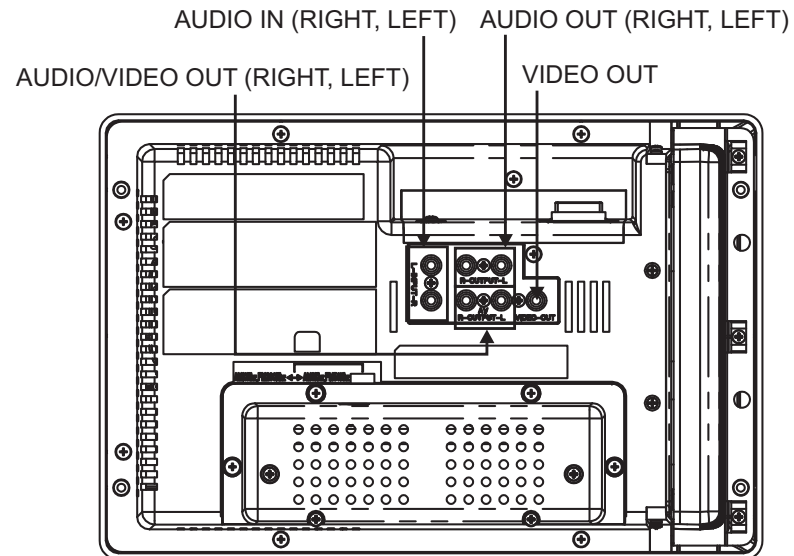
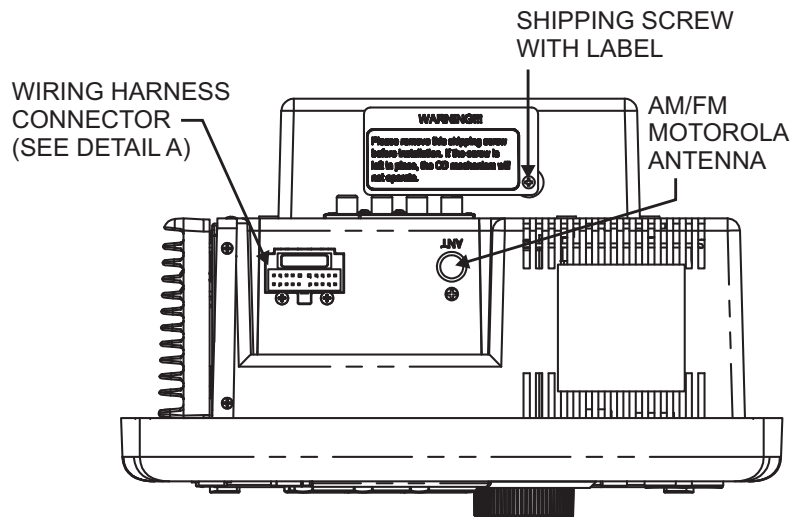
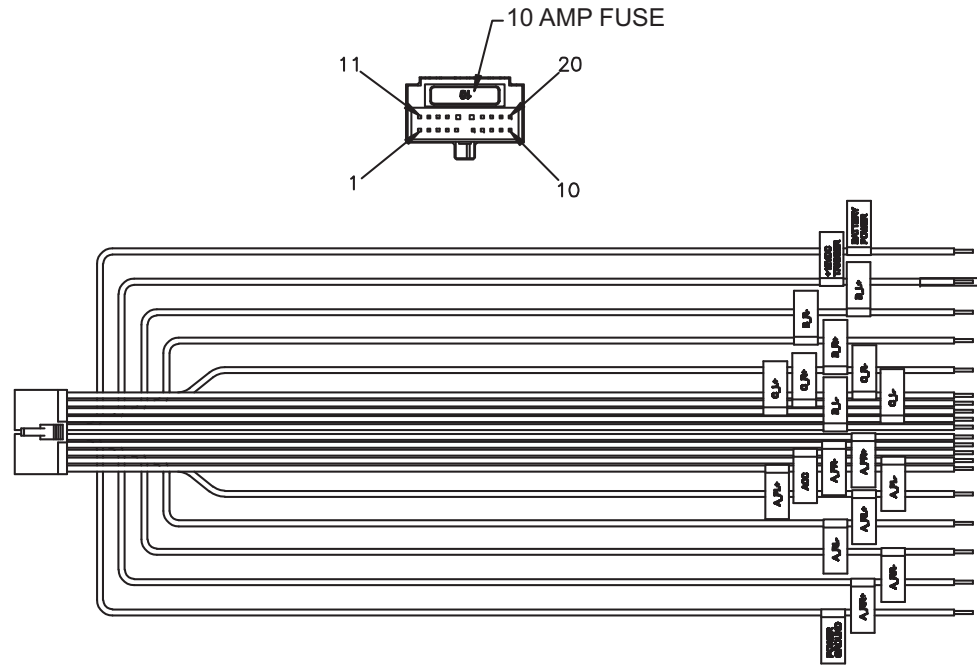
Route power, speaker and antenna cables through the hole, and connect them to the unit as outlined in the wiring diagram. After ensuring correct connections, test operation.

WIRING

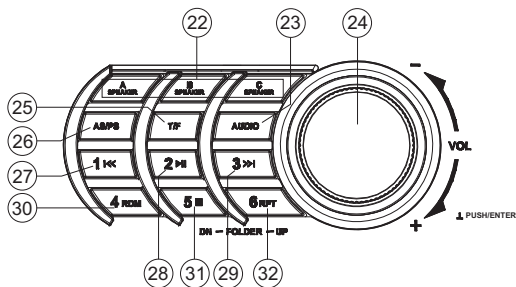
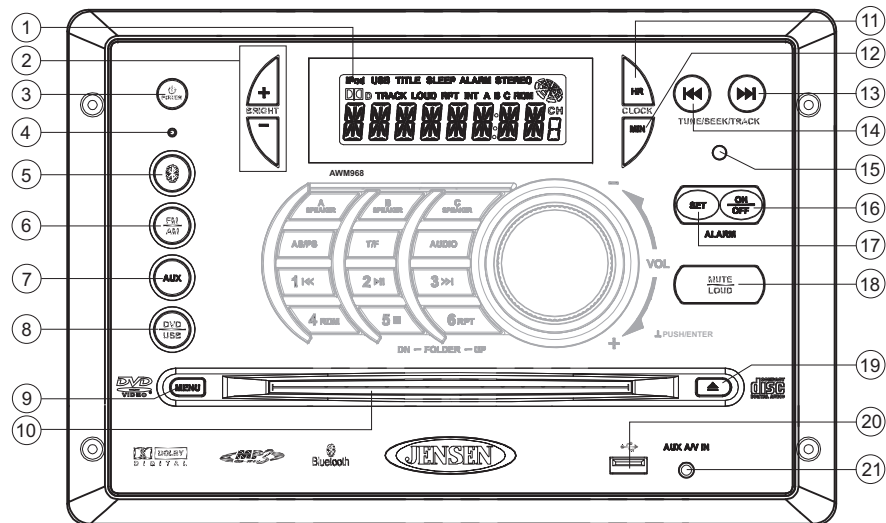
The wiring diagram depicts all the wiring connections required for proper operation of the unit.

DETAIL A
SHOWN FROM PIN VIEW

PIN NO.	WIRE COLOR	DESCRIPTION
1	PINK/BLACK	RIGHT (C) SPEAKER (-)
2	PINK	RIGHT (C) SPEAKER (+)
3	GREEN	LEFT (C) SPEAKER (+)
4	GREEN/BLACK	LEFT (C) SPEAKER (-)
5	BROWN/BLACK	LEFT (B) SPEAKER (-)
6	GRAY	FRONT RIGHT (A) SPEAKER (+)
7	GRAY/BLACK	FRONT RIGHT (A) SPEAKER (-)
8	RED	ACCESSORY/IGNITION (+)
9	WHITE/BLACK	FRONT LEFT (A) SPEAKER (-)
10	WHITE	FRONT LEFT (A) SPEAKER (+)
11	ORANGE	RIGHT (B) SPEAKER (+)
12	ORANGE/BLACK	RIGHT (B) SPEAKER (-)
13	BROWN	LEFT (B) SPEAKER (+)
14	BLUE	POWER ANTENNA
15	YELLOW	MEMORY/BATTERY (+)
16	BLACK	GROUND
17	VIOLET	RIGHT REAR (A) SPEAKER (+)
18	VIOLET/BLACK	RIGHT REAR (A) SPEAKER (-)
19	LIGHT GREEN/BLACK	LEFT REAR (A) SPEAKER (-)
20	LIGHT GREEN	LEFT REAR (A) SPEAKER (+)



BASIC OPERATION



Power

Press the **POWER** button (3) to turn the unit on or to enter standby mode.

Volume Control/Audio Adjustment / Menu

- Rotate the **VOL/PUSH/ENTER** control (24) clockwise to increase or counter-clockwise to decrease the volume output.
- Press the **AUDIO** button (23) to step through the following audio adjustment options. Rotate the **VOL/PUSH/ENTER** control (24) to adjust the selected audio feature.
 - **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 “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 and equal balance between the rear and front speakers.

This function will time out after three seconds of inactivity and the unit will resume normal operation.

Mute/Loudness

Press the **MUTE/LOUD** button (18) to silence the audio output in tuner, CD, DVD, USB 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.

Audible Beep Confirmation

Press and hold the **AUDIO** button (23) to access the system menu. Rotate the **VOL/PUSH/ENTER** control (24) to turn the audible beep confirmation “ON” or “OFF”.

This function will time out after three seconds of inactivity and the unit will resume normal operation.

Liquid Crystal Display (LCD)

The liquid crystal display (LCD) panel (1) displays the frequency, time and activated functions.

To adjust the brightness of the LCD, press the **BRIGHT +/-** buttons (2) to adjust the LCD brightness from “LEVEL OFF” to “LEVEL 9” (brightest).

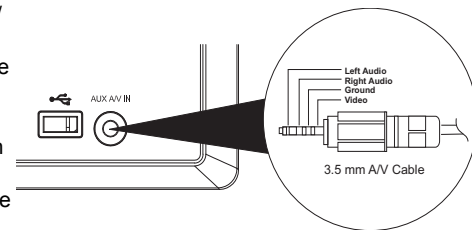
NOTE: When subjected to cold temperatures for an extended period of time, LCD panels will take longer to illuminate and the display visibility may slightly decrease. Optimal LCD operation will return to normal when the temperature increases to a normal range.

Auxiliary Input Function

Press the **AUX** button (7) to directly access auxiliary input modes (AUX 1 IN and AUX 2 IN) from any other mode when a portable audio device is connected to the unit. To connect a portable audio device, insert a standard 3.5mm (audio line output or headphone output) from your portable CD / MP3 / iPod or other media player into the **AUX A/V IN** (AUX 2 IN) connector (21) on the front of the unit or the **AUDIO IN** (AUX 1 IN) on the back of the unit (see “Wiring” on page 3).

Auxiliary Input Connector

For front panel A/V input, an external audio/video (A/V) source such as a video game player, camera, etc. can be connected to the front panel A/V input with the provided 3.5mm A/V cable adapter. Connect the device to the **AUX A/V IN** connector (21) on the front panel, and then press **AUX** to engage the input circuit to “AUX 2 IN”. Please note that there are several different A/V cable “standards”. The AWM968 is designed to support the Apple Video iPod cable type, as shown in the inset drawing.



USB Interface Connector

You can connect a USB device directly to USB interface (20) on the front of the AWM968 for playback of compatible files. Playback begins automatically. Press the **DVD/USB** button (8) to switch to USB mode from another source. Refer to "MP3/USB Operation" on page 11 for additional operating instructions.

NOTE: *USB will not support Apple device playback or charging.*

Clock Display

Press the **T/F** button (25) to alternate between playing time and clock time while in Tuner, CD, DVD, USB or auxiliary input mode.

Clock Setup

Press and hold the **CLOCK HR** button (11) to adjust the hour. Continue adjusting the hour to move from AM to PM. *Press and hold* the **CLOCK MIN** button (12) to adjust minutes. The new time will be saved five seconds after the last adjustment is made.

Setting the Sleep Time

The Sleep Timer will automatically turn off the AWM968 in the designated number of minutes. To set the Sleep Time, press the **ALARM SET** button (17) and the sleep time will appear in the display with the number representing the minutes (SLEEP 0). Press **ALARM SET** repeatedly to change the sleep time from 15 to 30, 45 or 60 minutes.

Setting the Alarm

To set the alarm, *press and hold* the **ALARM SET** button (17). The clock digits will flash. Repeatedly press the **HR** button (11) to adjust the hour one digit at a time, or *press and hold* to advance rapidly. Repeatedly press the **MIN** button (12) to adjust the minutes one digit at a time, or *press and hold* to advance rapidly. Press the **ALARM SET** button (17) to save the alarm time.

Once a time is set, press **ALARM ON/OFF** (16) to turn the alarm function on or off.

Speaker Output

The three speaker output buttons (22) (**A SPEAKER**, **B SPEAKER** and **C SPEAKER**) control speaker output from the radio. Press any of the three buttons to turn the corresponding speaker sets on or off. SPK A, SPK B or SPK C will appear on the display.

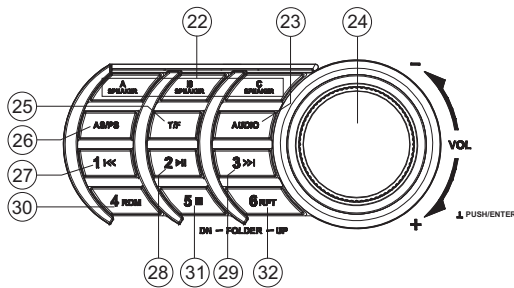
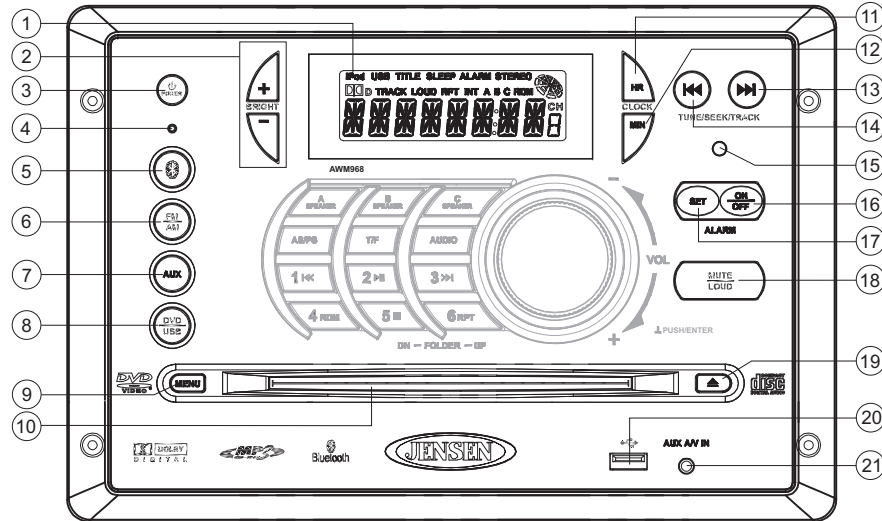
Reset

The reset button should be activated for the following reasons:

- initial installation of the unit when all wiring is completed
- function buttons do not operate
- error symbol on the display

Use a ball point pen or similar object to press the reset button (4). This may be necessary should the unit display an error code.

AM/FM TUNER OPERATION



Selecting a Band

Press the **FM/AM** button (6) to directly access tuner mode from any other function mode or to change between two AM bands (AM1 and AM2) and three FM bands (FM1, FM2 and FM3).

Tuning/Preset Stations

Manual Tuning

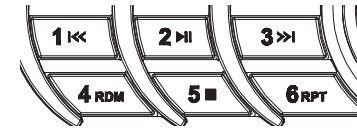
Press the **TUNE/SEEK/TRACK >>|** button (13) to tune the frequency one step higher. Press the **TUNE/SEEK/TRACK |<<** button (14) to tune the frequency one step lower.

Seek Tuning

Press and hold the **TUNE/SEEK/TRACK >>|** or **|<<** button (13, 14) to automatically tune to the previous/next strong station.

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), and then select a station. *Press and hold* a preset button for three seconds to store the current station. The corresponding preset number will appear on the right side of the LCD under the letters "CH".

To recall a station, select the preferred band and then press a preset button. The unit will automatically tune to the corresponding stored station.

Automatic Store/Preset Scan (AS/PS)

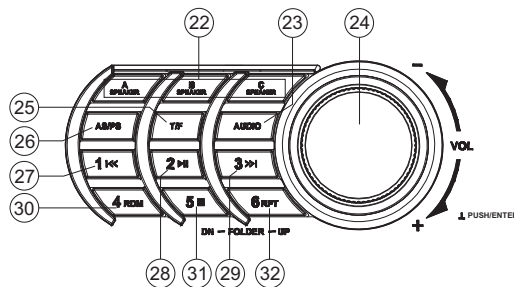
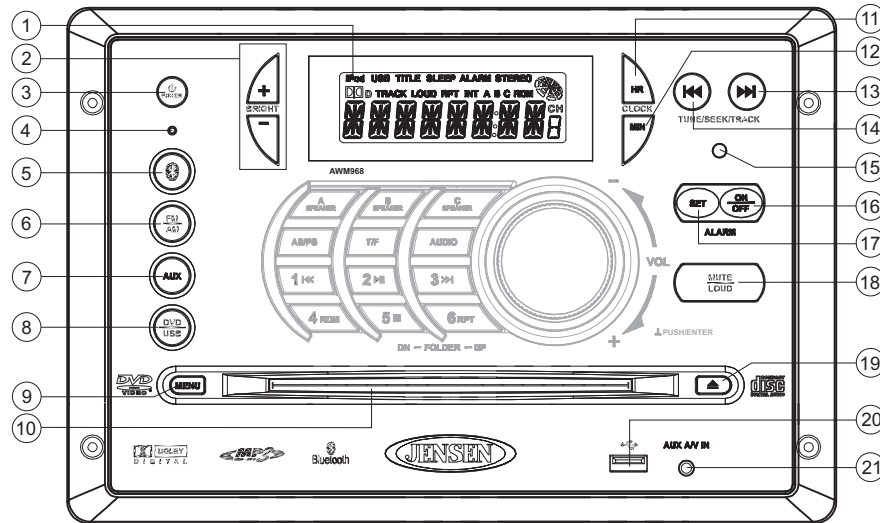
Automatically Store

Press and hold the **AS/PS** button (26) for more than three seconds, and the unit will automatically scan for and store the six strongest stations for all bands. To stop this function before the automatic storing is complete, press **AS/PS** again.

Preset Scan

Briefly press **AS/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 **AS/PS** button again.

CD OPERATION



Inserting a CD

Insert a CD label-side up into the disc slot (10) and the disc will begin to play.

Ejecting a CD

Press the eject button (19) to stop CD play and eject the CD.

Pausing Playback

Press the 2/|| button (28) to suspend or resume disc play.

Stopping Playback

Press the 5/■ button (31) to suspend disc play, and "PRE STOP" will appear in the display. Press the 2/|| button (28) to resume disc play from the last position. Press 5/■ twice and "STOP" appears.

Track Select

Press the TUNE/SEEK/TRACK >>| or |<< button (13, 14) to advance to the previous or next track on the CD. The selected track number will appear on the display. *Press and hold* the TUNE/SEEK/TRACK >>| or |<< button for more than three seconds to fast forward or fast reverse through the disc. CD play starts when the play/pause button is pressed.

Fast Forward/Reverse

Press and hold the TUNE/SEEK/TRACK >>| or |<< button (13, 14) or press the >> or << buttons on the remote control (17) once for FORWARD X 2. *Press and hold* additional times for FORWARD X 4, X 8, X 20 or PLAY. Press the play/pause 2/|| button on the control panel (28) or remote control (18) to end fast forward or reverse and resume normal playback.

Repeat (RPT)

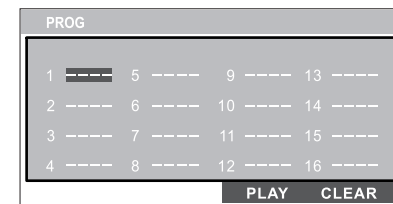
Press the 6/RPT button (32) during disc play to access the repeat function. Press again to continuously repeat the selected track (REP ONE). Press a third time to repeat all tracks (REP ALL). Press once more to stop repeating (REP OFF).

Random Shuffle (RDM)

Press the 4/RDM button (30) during disc play to play all tracks on a CD in random, shuffled order (RDM ON). Press 4/RDM again to stop random play (RDM OFF).

Programmed Playback

1. Press the PROG button (8) on the remote control to access the programmed playback screen:



2. Use the ◀, ▶, ▲ or ▼ cursor buttons (16) on the remote control to access the fields on the "PROG" screen.
3. Use the number buttons on the remote control to enter a track number in each field.
4. Press the >|| button (19) on the remote control or highlight "PLAY" on screen and then press the ENTER button (5) to begin playback in the numbered order indicated.

To delete the list, highlight "CLEAR" and then press ENTER. Press PROG to exit the programmed playback screen.

Remote Control Direct Track Entry

To select a track directly, use the number pad on the remote control (10). For single digit entries, press the corresponding number. For two digit entries, press the 10+ button followed by the last digit (i.e., for track 16, press 10+ and then 6).

GOTO Direct Track/Chapter Access




Use the GOTO function to access a track (chapter) directly.

1. Press the **GOTO** button (26) on the remote control. The On Screen Display information will appear with the track number highlighted.
2. Use the number keys on the remote control to enter the 3-digit track number directly (i.e. for track 10, enter "010").
3. Press the **ENTER** button (5) to confirm and begin playback.

CD Playback Information

The following information is displayed at the top of the screen during CD playback:



- TRK #### – "1/18" indicates the first of 18 tracks on the CD is currently playing.
-  – "X" indicates repeat play is OFF, "1" indicates repeat track, and "A" indicates repeat disc.
- Press the  button on the remote control (28) repeatedly to view the following information for elapsed/remaining playing time:
 -  00:02:18 – total elapsed playing time for disc
 - C-00 :34 :37 – remaining playing time
 - T 00:02:18 – total elapsed playing time for current track
 - C-00 :34 :37 – remaining playing time for current track

DVD/VCD OPERATION

Inserting a Disc

Insert a disc label-side up into the disc slot (10) and the disc will begin to play.

NOTE: Press the DVD/USB button (8) to alternate between the USB and DVD source.

Ejecting a DVD

Press the eject button (19) to stop DVD play and eject the DVD.

Pausing Playback

Press the 2/▶|| button (28) to suspend or resume disc play.

Stopping Playback

Press the 5/■ button (31) to stop disc play, and "STOP" will appear in the display.

Track Select

Press the TUNE/SEEK/TRACK >>| or |<< button (13, 14) to advance to the next or previous track on the disc. The selected track number will appear on the display.

Enter/Select

While in menu mode, press the VOL/PUSH/ENTER button (24) to select a menu option.

Language Selection

While playing a DVD, press the 6/RPT button (32) to change the DVD audio language.

Fast Forward/Reverse

Press and hold the TUNE/SEEK/TRACK >>| or |<< button (13, 14) or press the >> or << buttons on the remote control (17) once for FORWARD X 2. Press and hold additional times for FORWARD X 4, X 8, X 20 or PLAY. Press the play/pause 2/▶|| button on the control panel (28) or remote control (18) to end fast forward or reverse and resume normal playback.

Repeat Chapter/Title

Press the 6/RPT button (32) on the control panel or the RPT button (21) on the remote control multiple times during playback to select from the following repeat play options:

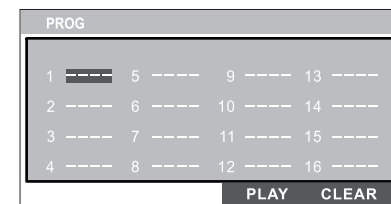
- VCD: REP 1 (track), REP ALL (disc), REP OFF
- DVD: REP Chapter, REP Title, REP All, REP OFF

Playback Control (VCD Only)

Press the MENU button (6) on the remote control to turn Playback Control on/off when this feature is available on your VCD.

Programmed Playback

1. Press the **PROG** button (8) on the remote control to access the programmed playback screen:




2. Use the ◀, ▶, ▲ or ▼ cursor buttons (16) on the remote control to access the fields on the "PROG" screen.
3. Use the number buttons on the remote control to enter a track number in each field.
4. Press the >|| button (18) on the remote control or highlight "PLAY" on screen and then press the **ENTER** button (5) to begin playback in the numbered order indicated.

To delete the list, highlight "CLEAR" and then press **ENTER**. Press **PROG** to exit the programmed playback screen.


DVD Playback Features


The following remote control features, along with many others, are available during DVD playback (see "Remote Control Operation" on page 14 for complete functionality):

- LANG: Press to choose an alternate audio language, if available.
-  SUBTITLE: Press to select an alternate subtitle language, if available.
- ANGLE: Press to select an alternate viewing angle, if available.
- ZOOM: Press to zoom the picture at ZOOM 2, ZOOM 3, ZOOM 4, ZOOM 1/2, ZOOM 1/3 or ZOOM 1/4, or select OFF to return to normal view.

NOTE: Feature availability is dependent upon DVD embedded information.

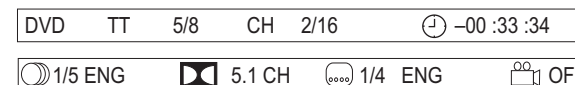
Playback Information



During DVD and VCD playback, press the  button (28) on the remote control to display playback information on the screen, including the media playing and current playback time.





Continue pressing the  button to display additional information, as indicated below.

DVD Playback Information

The following information is displayed at the top of the screen during DVD playback:






- TT 5/8 – "5 / 8" indicates the fifth of 8 titles on the DVD is currently playing.
- CH 2/16 – "2 / 16" indicates that the second of 16 chapters on the DVD is currently playing.
- Press  repeatedly to view the following information: for elapsed/remaining playing time:
 -  00:02:18 – total elapsed playing time for disc

- C-00 :34 :37 – remaining playing time
- T 00:02:18 – total elapsed playing time for current track
- C-00 :34 :37 – remaining playing time for current track
-  1/5 ENG – English is the selected audio language out of 5 possible choices
-  5.1 CH – The current language is recorded in 5.1 surround sound
-  1/4 ENG – English is the selected subtitle language out of 4 possible choices
-  OFF – There are no alternate angles recorded for this scene

VCD Playback Information

The following information is displayed at the top of the screen during VCD playback:



- TRK #### – “1/18” indicates the first of 18 tracks on the VCD is currently playing.
- PBC: Indicates when PBC (Playback Control) is turned on.
-  – “X” indicates repeat play is OFF, “1” indicates repeat track, “D” indicates repeat directory, and “A” indicates repeat disc.
- Press  repeatedly to view the following information for elapsed/remaining playing time:
 -  00:02:18 – total elapsed playing time for disc
 - C-00 :34 :37 – remaining playing time
 - T 00:02:18 – total elapsed playing time for current track
 - C-00 :34 :37 – remaining playing time for current track

Remote Control Direct Track Entry

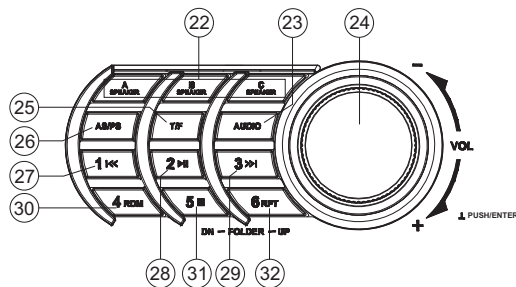
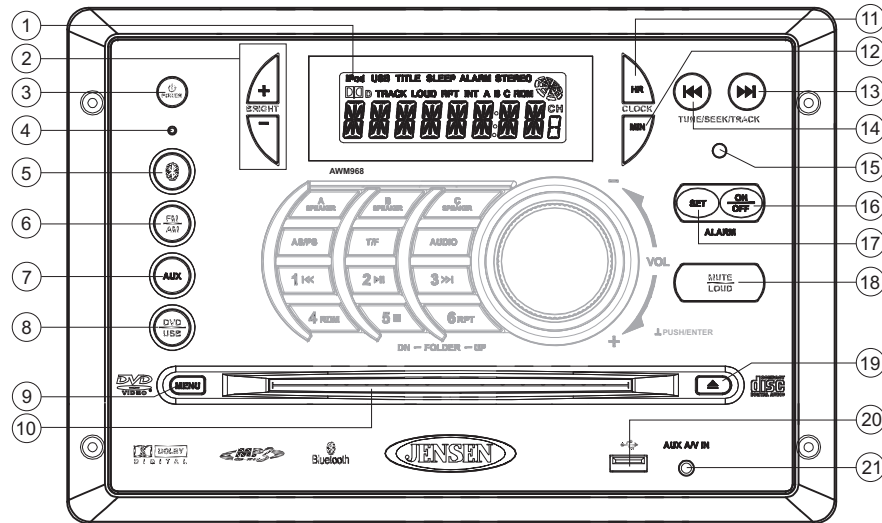
To select a track directly, use the number pad on the remote control (10). For single digit entries, press the corresponding number. For two digit entries, press the **10+** button followed by the last digit (i.e., for track 16, press **10+** and then **6**).

GOTO Direct Track/Chapter Access

Use the GOTO function to access a track (chapter) directly.

1. Press the **GOTO** button (26) on the remote control. The On Screen Display information will appear with the track number highlighted.
2. Use the number keys on the remote control to enter the 3-digit track number directly (i.e. for track 10, enter “010”).
3. Press the **ENTER** button to confirm and begin playback.

MP3/USB OPERATION



Insert/Eject Disc

Insert a disc label-side up into the disc slot (10), and the disc will begin to play. Press the eject button (19) to stop playback and eject the disc.

Insert/Remove USB Device

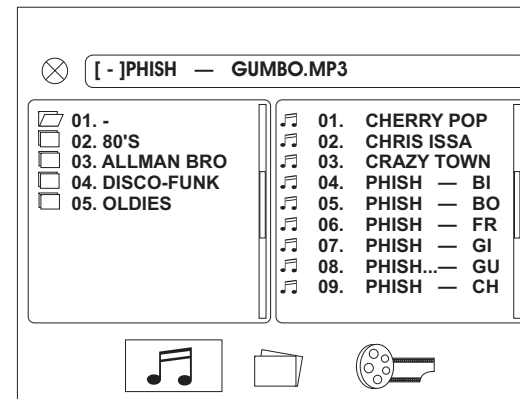
To connect a USB device, locate the USB interface connector (20) located near the bottom right corner on the front of the radio. Insert the USB device into the USB jack and the unit will read the files on the USB device automatically, displaying "USB LOAD" while files are initially loaded. To remove the USB device, press the **FM/AM** button (6), **DVD/USB** button (8) or **AUX** button (7) to change to another mode and then remove the USB device from the USB connector.

Press the **DVD/USB** button (8) to access USB mode from any other mode.




NOTE: MP4 streaming video format is not supported.

MP3 Monitor Display

After loading an MP3 disc or USB device, the following screen will appear on your output monitor.



Select one of these icons to access the corresponding media on your disc or USB device. If the media type is not present, the icon will not be selectable.

- : Audio
- : Photos
- : Video

Play/Pause

Press the **2/||** button (28) to suspend or resume playback.

Track Select

When playback is stopped, press the **TUNE/SEEK/TRACK >>|** or **|<<** button (13, 14) to search in current folder. During playback, press the **TUNE/SEEK/TRACK >>|** or **|<<** button to access the previous/next file. The selected file number will appear on the display.

Folder Up/Down

Press the **6/RPT** button (32) to access a higher folder level (FOLDER UP).

Press the **5/■** button (31) to access a lower folder level (FOLDER DN).

Repeat (RPT)

Press the **6/RPT** button (32) on the control panel or the **RPT** button (21) on the remote control multiple times during playback to select from the following repeat play options: REP 1 (track), REP DIR (folder), REP ALL (disc), OFF.

Random Shuffle (RDM)

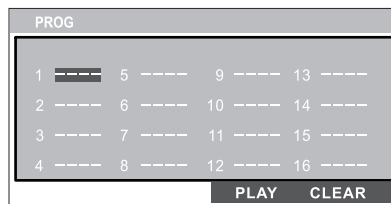
Press the **4/RDM** button (30) during disc play to play all files in random, shuffled order. Press **4/RDM** again to stop random play.

Fast Forward/Reverse

Press the **TUNE/SEEK/TRACK >>|** or **|<<** button (13, 14) for more than three seconds or press the **>>** or **<<** button on the remote control (17) to fast forward or fast reverse. *Press and hold* once for FORWARD X 2. *Press and hold* additional times for FORWARD X 4, X 8, X 20 or PLAY. Press the play/pause **2/▶||** button on the control panel (28) or remote control (18) to end fast forward or reverse and resume normal playback.

Programmed Playback

1. Press the **PROG** button (8) *on the remote control* to access the programmed playback screen:



2. Use the **◀, ▶, ▲** or **▼** cursor buttons (16) on the remote control to access the fields on the "PROG" screen.
3. Use the number buttons on the remote control to enter a track number in each field.
4. Press the **>||** button (18) on the remote control or highlight "PLAY" on screen and then press the **ENTER** button (5) to begin playback in the numbered order indicated.

To delete the list, highlight "CLEAR" and then press **ENTER**. Press **PROG** to exit the programmed playback screen.

Remote Control Direct Track Entry

To select a file directly, use the number pad on the remote control (10). For single digit entries, press the corresponding number. For two digit entries, press the **10+** button followed by the last digit (i.e., for file 16, press **10+** and then **6**).

GOTO Direct Track/Chapter Access





Use the GOTO function to access a track (chapter) directly.

1. Press the **GOTO** button (26) on the remote control. The On Screen Display information will appear with the file number highlighted.
2. Use the number keys on the remote control to enter the 3-digit file number directly (i.e. for file 10, enter "010").
3. Press the **ENTER** button to confirm and begin playback.

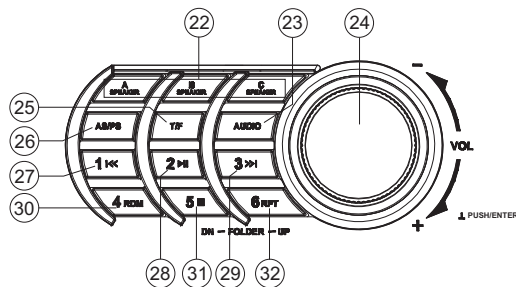
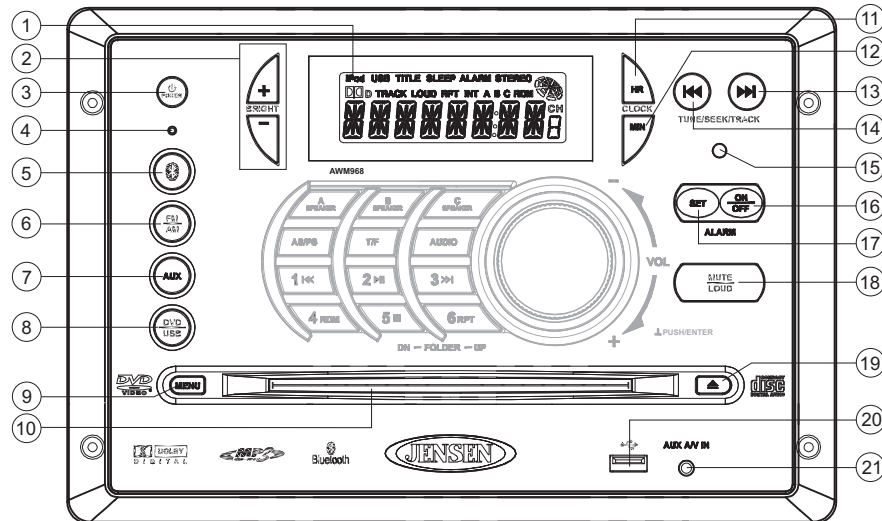
MP3 Playback Information

The following information is displayed at the top of the screen during CD playback:



- TRK ###/### – "9/150" indicates the ninth of 150 tracks on the disc is currently playing.
-  – "X" indicates repeat play is OFF, "1" indicates repeat song, and "D" indicates repeat directory (folder).
- Press  repeatedly to view the following information for elapsed/remaining playing time:
 -  00:02:18 – total elapsed playing time for disc
 -  C-00 :34 :37 – remaining playing time for disc

BLUETOOTH OPERATION



The AWM968 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.

Bluetooth Menu Options

- Press the **5** button (5) to enter menu adjustment mode.
- With "Device" displayed, press the **VOL/PUSH/ENTER** button (24) to select.
- Rotate the **VOL/PUSH/ENTER** button to view paired BT devices and press to select.
- Once a device is selected, rotate the **VOL/PUSH/ENTER** button 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 AWM968 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 **VOL/PUSH/ENTER** button to display/change the Locked (🔒) or Unlocked (🔓) icon.
 - DISCONNECT:** To disconnect a paired device, press the **VOL/PUSH/ENTER** button to temporarily remove the BT link. The link can be re-established through your phone menu by selecting the AWM968 for connection.
 - DELETE:** To delete a device from the list, press the **VOL/PUSH/ENTER** button.
- Press the **VOL/PUSH/ENTER** button to enter.

Pairing a Bluetooth Device

Before you begin, consult the owner's manual for the Bluetooth device you want to pair.

- Make sure the device you want to pair is on and ready to receive a signal from the AWM968. To begin pairing, *press and hold* the **5** button (5). The unit will automatically attempt to pair to available devices. When pairing with a smart phone/iPhone, the AWM968 becomes "discoverable" by your smart phone and can be paired using the phone menu.
- When the Bluetooth device has completed its search, the mobile phone will display the Bluetooth device name (AWM968).
- Select AWM968.
- Enter the pairing password (0000), if requested.
- 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.

Answering a Call

When answering a call using the connected phone, BT AUDIO will pause. After hanging up from the call, BT AUDIO to continue on some phones. It may be necessary to press the play button to resume BT AUDIO.

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 **5** button (5). While in BT mode **5**, the "BT AUDIO" is displayed on the LCD.

Selecting Tracks

During playback, press the **TUNE/SEEK/TRACK >>|** or **<<|** button (13, 14) to play the previous or next track. You can also use the **1|<<** and **>>|3** buttons (27, 29) to select tracks.

Pausing Playback

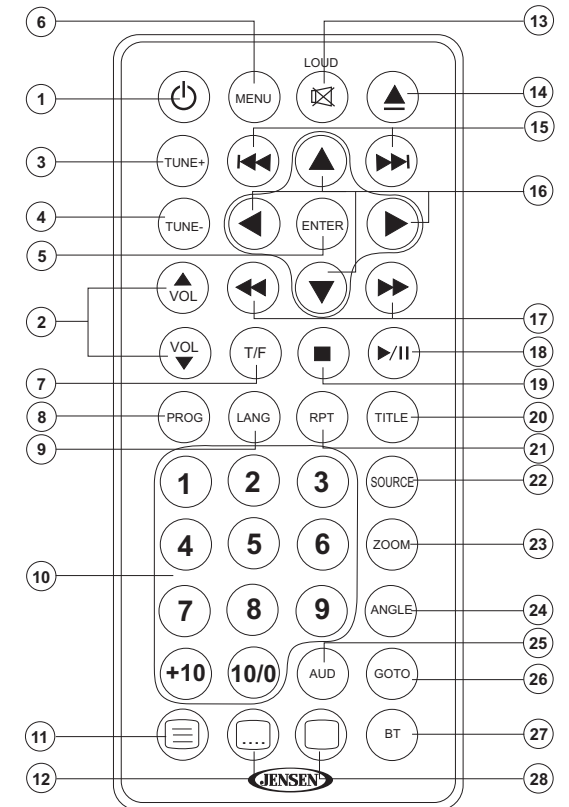
During playback, press the **2▶||** button (28) to pause the BT AUDIO player. Press **2▶||** again to resume playback.

If you change to another mode, the mobile phone audio will pause. Press the **0** button (5) 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.

REMOTE CONTROL OPERATION

REF	DESCRIPTION	TUNER	CD/MP3/USB	DVD	Bluetooth
1	Power	Turn radio on/standby mode.	Turn radio on/standby mode.	Turn radio on/standby mode.	Turn radio on/standby mode.
2	VOL +/-	Adjust volume up/down. Press for Audio Control Setup menu.	Adjust volume up/down. Press for Audio Control Setup menu.	Adjust volume up/down. Press for Audio Control Setup menu.	Adjust volume up/down. Press for Audio Control Setup menu.
3	TUNE +	Search higher station.	Stopping State: UP - Search in current folder. Playing State: UP - Next Track.	Stopping State: UP: Next Item. Playing State: UP: Next Track.	
4	TUNE -	Search lower station.	Stopping State: DN - Search in current folder. Playing State: DN - Prev Track.	Stopping State: DN: Previous Item. Playing State: DN: Previous Track.	
5	ENTER			Confirm menu selection.	
6	MENU			Access main DVD menu.	
7	T/F	Press to toggle clock time/playing time. Press and hold to set clock.	Press to toggle clock time/playing time. Press and hold to set clock.	Press to toggle clock time/playing time. Press and hold to set clock.	Press to toggle clock time/playing time. Press and hold to set clock.
8	PROG		Display Setup Program.	Display Setup Program.	
9	LANG		Display MONO/L, MONO/R, or STEREO.	Select alternate audio language, if available.	
10	Numeric Keypad	Use 1-6 to access preset stations.	Enter track number to access track directly. For track number > 10, use 10+ followed by second digit.	Enter track number to access track directly. For track number > 10, use 10+ followed by second digit.	
11	Setup		View SETUP menu.	View SETUP menu.	
12	Subtitle			Choose subtitle language, if available.	
13	Mute/LOUD	Silence Audio output. <i>Press and hold</i> to turn LOUDNESS feature on/off.	Silence Audio output. <i>Press and hold</i> to turn LOUDNESS feature on/off.	Silence Audio output. <i>Press and hold</i> to turn LOUDNESS feature on/off.	
14	Eject	Eject Disc.	Eject Disc.	Eject Disc.	
15	Previous/Next		Select next/previous track.	Select next/previous chapter.	Select next/previous track.
16	Directional Buttons		Move to desired menu item and then press ENTER to confirm.	Use with DVD menu to move to desired menu item and then press ENTER to confirm.	
17	Fast Reverse/Forward		Fast Forward 2X, 4X, 8X, 20X. Fast Reverse 2X, 4X, 8X, 20X.	Fast Forward 2X, 4X, 8X, 20X. Fast Reverse 2X, 4X, 8X, 20X.	
18	Play/Pause		Pause/resume playback.	Pause/resume playback.	
19	Stop		Stop playback.	Stop playback.	
20	TITLE			Press to view title menu. Use directional arrows and play button play selected title. <i>May not be supported by all discs.</i>	
21	RPT		Repeat track.	Repeat chapter.	
22	SOURCE	Select source for playback.	Select source for playback.	Select source for playback.	Select source for playback.
23	ZOOM			Zoom picture or press repeatedly to change magnification level.	
24	ANGLE			Select alternate viewing angle, if available.	
25	AUD			Access Audio Menu options.	
26	GOTO		Select exact time, track or chapter for playback.	Select exact time, track or chapter for playback.	
27	BT				Access BT mode.
28	Display		Display current playback information on the screen.	Display current playback information on the screen.	



SETUP MENU

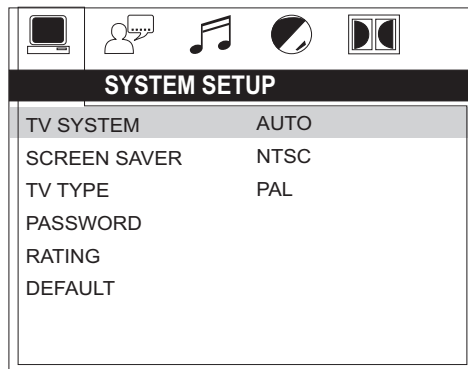
Press the  (setup) button (11) on the remote control to access the SETUP menu and adjust system settings for the following categories:

- System Setup
- Language Setup
- Audio Setup
- Video Setup
- Digital Setup

While in the setup menus, use your directional arrows to select and change settings. The “up” and “down” arrows highlight the options, and the “right” and “left” arrows will change the setting for the highlighted option.

System Setup

The System Setup menu controls the following features:



SYSTEM SETUP	
TV SYSTEM	AUTO
SCREEN SAVER	NTSC
TV TYPE	PAL
PASSWORD	
RATING	
DEFAULT	

TV SYSTEM: This item is used to select a TV signal system to match your TV set. Select one of the following options: AUTO, NTSC or PAL.

SCREEN SAVER: Turn Screen Saver feature On/Off.

TV TYPE: Select one of the following picture formats: 4:3PS, 4:3 LB or 16:9. 4:3 is a letterbox selection, and 16:9 is wide screen.

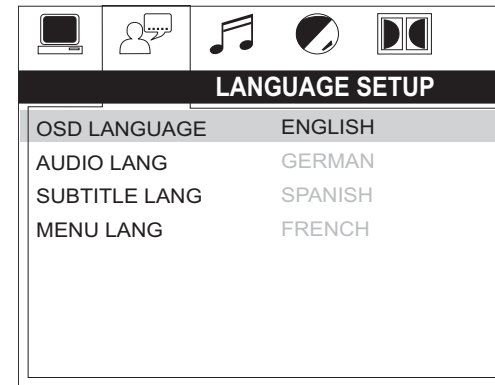
PASSWORD: This item allows the selection of a new four-digit code to use for security purposes.

RATING: Select the parental control level for all DVD play. The security password is required to make changes to this feature.

DEFAULT: Use this item to restore default settings at any time.

Language Setup

The Language Setup menu controls the following features:



LANGUAGE SETUP	
OSD LANGUAGE	ENGLISH
AUDIO LANG	GERMAN
SUBTITLE LANG	SPANISH
MENU LANG	FRENCH

On-Screen Display (OSD) Language: Set the OSD language to one of the following: English, Chinese, German, Spanish, French, or Russian.

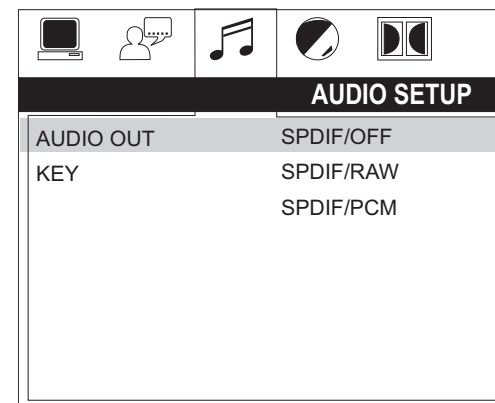
Audio Language: Set the audio language to one of the following: Chinese, English, Japan, French, Spanish, Russian, Latin or German.

Subtitle Language: Set the subtitle language to one of the following: Chinese, English, Japan, French, Spanish, Russian, German or OFF.

Menu Language: Set the menu language to one of the following: Chinese, English, Japan, French, Spanish, Russian, German or Latin.

Audio Setup

The Audio Setup menu controls the following features:



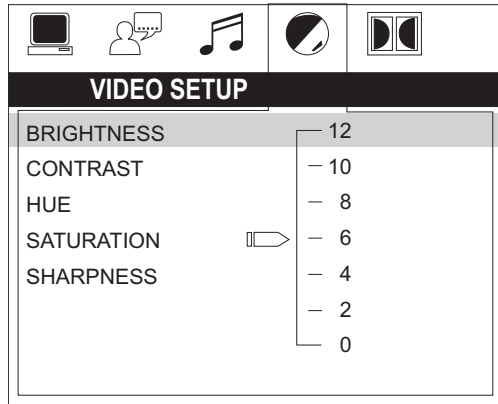
AUDIO SETUP	
AUDIO OUT	SPDIF/OFF
KEY	SPDIF/RAW
	SPDIF/PCM

Audio Out: This item defines the digital output format.

Key: This item changes the audio output key.

Video Setup

The Video Setup menu controls the following features:



Brightness: Adjust the brightness of the screen from the following levels: 12, 10, 8, 6, 4, 2 or 0.

Contrast: Adjust the contrast of the screen from the following levels: 12, 10, 8, 6, 4, 2 or 0.

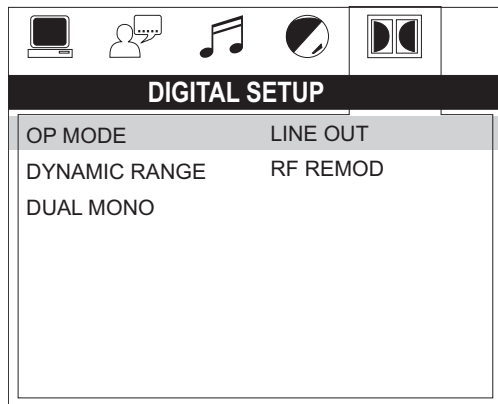
Hue: Adjust the hue of the screen from the following levels: +6, +4, +2, 0, -2, -4 or -6.

Saturation: Adjust the saturation of the screen from the following levels: 12, 10, 8, 6, 4, 2 or 0.

Sharpness: Adjust the sharpness of the screen from the following levels: 8, 6, 4, 2 or 0.

Digital Setup

The Digital Setup menu controls the following features:



OP Mode: Select LINE OUT or RF REMOD.

Dynamic Range: Select FULL, 6/8, 4/8, 2/8 or OFF.

Dual Mono: Select STEREO, MONO/L, MONO/R or MIX MONO.

SPECIFICATIONS

General

Power Supply Requirements	DC 12 Volts, Negative Ground
Operating Voltage	10-16VDC
Overall Dimensions	265mm(W)x178mm(H)x159mm(D)
Mounting Dimensions	235mm(W)x154mm(H)x133mm(D)
Weight	5.5 lbs.

FM Tuner

Tuning range	87.5-107.9
Sensitivity	<4uV
Stereo separation @ 1 kHz	>25dB

AM Tuner

Tuning range	530-1710
Sensitivity	<63uV

Amplifier

Output Power	48 Watts Total (6 Watts, 8 Channel)
Output Impedance	Compatible with 4-8 Ohm Speakers, 4 Ohm Load Minimum

DVD

Frequency Response	20-20,000 Hz
Channel Separation	50dB
S/N Ratio	70dB
Distortion	0.2%

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.

TROUBLESHOOTING

Symptom	Solution
Radio will not turn ON or No front panel operation	Try the reset button.
	Check fuse.
	Check 12V+ on battery wire to radio (YELLOW wire).
	Check 12V+ on accessory wire to radio (RED wire).
Radio turns ON, but no sound	Check Ground.
	Verify Volume, Fader/Balance, Mute controls are set correctly (see owners manual).
	Try the reset button.
	Verify proper speaker selection.
CD/DVD does not load fully	Verify proper speaker connections.
	Check for shorts or open circuits on speaker wires.
	<ul style="list-style-type: none"> If short on "A" channel, "B & C" channels will continue to function. If short on "B and/or C" channels, "A" channel will continue to function.
CD/DVD does not play correctly	Make sure unit has power and no other CD/DVD is currently inside.
	Make sure transport screw has been removed from rear of unit. Disc will load for several seconds and then eject if transport screw has not been removed.
	Check to make sure disc is inserted correctly.
	Verify disc is free from dirt, scratches, etc.
No AM or FM reception	Check with factory CDs.
	Inspect radio's chassis to verify shipping screw(s) have been removed.
	Check factory original CDs for compatibility warnings (due to various copy-protection, multi-media content, etc.).
DVD plays sound but no video	Verify you are tuned to a valid station.
	Check your antenna connection on rear of stereo.
	Try a different antenna
Unit does not respond to Remote Control	Make sure the video cable is routed from the video output (yellow RCA) to the input on the television.
	Verify that you have a clear line of sight for the IR signal.
	Check the batteries.
Wired remote control not functioning	Confirm the remote IR sensor is plugged into IR input (if applicable).
	Try the reset button.
	Verify remote is securely connected to the radio directly or via extension cable.
	If using extension cable, try connecting directly to radio. If the remote works in this manner, the extension cable is likely damaged. Replace extension cable.
	If the remote still does not work when connected direct to radio, the remote could be defective. Replace with new remote.
	Verify compatible remote is used. Only the MWR75 is compatible.



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