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› [Jensen](#) /

› [Jensen JWM452 Bluetooth Wall Mount Stereo User Manual](#)

Jensen JWM452

Jensen JWM452 Bluetooth Wall Mount Stereo

User Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jensen JWM452 Bluetooth Wall Mount Stereo. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

Important Safety Information

- Always ensure the unit is powered off before making any connections.
- Do not expose the unit to moisture or extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.
- **Critical Note:** Before installation, ensure all shipping screws are removed from the unit. Failure to do so may prevent proper operation of the disc mechanism.

2. PRODUCT OVERVIEW

The Jensen JWM452 is a versatile 2-zone Bluetooth wall mount stereo system designed for recreational vehicles, trailers, campers, and motor homes. It offers a wide range of entertainment options including AM/FM radio, DVD/CD playback, Bluetooth audio streaming, USB MP3/WMA playback, and auxiliary audio/video input.

Key Features:

- Digital AM/FM Tuner with 30 preset stations (12 AM / 18 FM)
- Bluetooth streaming audio (A2DP) and control (AVRCP)
- Front USB port for MP3/WMA playback
- Slot-type DVD/CD-R/RW and MP3 compatible disc mechanism with skip protection
- Two independent speaker zones with four speaker outputs
- Electronic Bass, Treble, Balance, and Fader Controls
- Front AUX A/V input (3.5mm)
- One rear audio RCA input and one rear RCA output

- One RCA composite video output
- White LED backlight LCD panel with blue LED buttons
- Clock with alarm and sleep timer functions
- Wireless Remote Control included

Unit Components:



Front view of the Jensen JWM452 stereo, showing the display, control buttons, USB port, and disc slot.

1. **POWER Button:** Turns the unit on/off.
2. **MENU Button:** Accesses system settings.
3. **ZONE A/B Buttons:** Controls audio output for different speaker zones.
4. **Rotary Encoder/ENTER:** Adjusts volume, navigates menus, confirms selections.
5. **Source Buttons (AM/FM/DISC/BT/USB/AUX):** Selects input source.
6. **EJECT Button:** Ejects disc from slot.
7. **USB Port:** Connects USB devices for media playback.
8. **LCD Display:** Shows current status, frequency, track information.
9. **Preset Buttons (1-6):** Stores and recalls radio stations, navigates tracks.
10. **CLOCK/HOUR/MIN/SLEEP/ALARM Buttons:** Controls clock and timer functions.

3. INSTALLATION

Proper installation is crucial for the performance and longevity of your JWM452 stereo. It is recommended that installation be performed by a qualified technician.

Mounting Considerations:

- The unit is designed for wall mounting. Ensure the mounting surface is stable and can support the unit's weight.
- Allow adequate space for ventilation around the unit.
- **Important:** Before installation, remove any shipping screws from the disc mechanism. These screws are

typically located on the top or sides of the unit and are marked.

Dimensions:

- **Overall Dimensions:** 8.19" (W) x 4.33" (D) x 3.39" (H)
- **Mounting Dimensions:** 7.09" (W) x 5.2" (D) x 3.39" (H)

Wiring Diagram:

Refer to the wiring diagram provided with your unit for specific connections. General connections include:

- **Power:** Connect to a 12-volt DC negative ground power source (11-16 VDC operating voltage).
- **Speakers:** Connect up to four speakers to the designated speaker outputs (compatible with 4-8 ohm speakers, 4 ohm load minimum).
- **Antenna:** Connect the AM/FM antenna.
- **Auxiliary Inputs/Outputs:** Connect external audio/video devices as needed (Front AUX A/V, Rear Audio RCA, RCA Composite Video Out).

4. OPERATING INSTRUCTIONS

Basic Operation:

- **Power On/Off:** Press the **POWER** button.
- **Volume Control:** Rotate the large central knob (Rotary Encoder) to adjust volume.
- **Source Selection:** Press the corresponding source button (AM, FM, DISC, BT, USB, AUX) to switch between modes.
- **Speaker Zones:** Use the **ZONE A** and **ZONE B** buttons to enable or disable speaker zones independently.

Radio Operation (AM/FM):

- Press **AM** or **FM** to select the desired band.
- Use the **TUNE +/-** buttons (or rotary encoder) to manually tune frequencies.
- **Auto Store/Preset Scan:** Press and hold the **AS/PS** button to automatically scan and store strong stations.
- **Preset Stations:** Press preset buttons **1-6** to recall stored stations. To store a station, tune to it, then press and hold a preset button until you hear a beep.

Disc Playback (DVD/CD):

- Insert a DVD or CD into the disc slot. The unit will automatically switch to DISC mode.
- Use the **PLAY/PAUSE**, **STOP**, **SKIP +/-** buttons for playback control.
- Press **EJECT** to remove the disc.

Bluetooth Operation:

- Press the **BT** button to enter Bluetooth mode.
- On your Bluetooth device, search for "JWM452" and pair with it.
- Once paired, you can stream audio from your device to the stereo. Use the stereo's controls or your device's controls for playback.

USB Playback:

- Insert a USB drive into the front USB port. The unit will automatically switch to USB mode.
- The unit supports MP3 and WMA audio files.
- Use the **SKIP +/-** buttons to navigate tracks.

AUX Input:

- Connect an external audio/video device to the front 3.5mm AUX A/V input or the rear RCA inputs.
- Press the **AUX** button to select the auxiliary input source.

Clock and Timer Functions:

- **Setting Clock:** Press and hold **CLOCK**, then use **HOUR** and **MIN** buttons to set the time.
- **Alarm:** Set an alarm using the **ALARM** button.
- **Sleep Timer:** Use the **SLEEP** button to set a timer for the unit to automatically turn off.

Remote Control:

The included wireless remote control provides convenient access to most functions. Refer to the remote control diagram in the separate remote manual for button layout and specific functions.

5. MAINTENANCE

To ensure long-lasting performance of your Jensen JWM452 stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the unit's exterior. Do not use abrasive cleaners or solvents.
- **Disc Care:** Handle discs by their edges. Keep discs clean and free of scratches.
- **Ventilation:** Ensure that the ventilation openings are not blocked to prevent overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store in a cool, dry place.

6. TROUBLESHOOTING

If you experience issues with your JWM452 stereo, consult the following table for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No power	Loose power connection, blown fuse	Check power wiring, replace fuse if necessary.
No sound	Volume too low, speaker wires disconnected, incorrect source selected, speaker zones off	Increase volume, check speaker connections, select correct source, ensure speaker zones A/B are enabled.
Disc will not play/eject	Shipping screws not removed, disc inserted incorrectly, damaged disc	Ensure shipping screws are removed. Reinsert disc correctly, try a different disc.

Problem	Possible Cause	Solution
Bluetooth pairing failure	Device too far, Bluetooth not enabled on device, unit not in pairing mode	Move device closer, enable Bluetooth on device, ensure JWM452 is in BT mode.
Poor radio reception	Antenna not connected, weak signal area	Check antenna connection, try auto-store function, move to an area with better signal.

7. SPECIFICATIONS

Category	Detail
General	
Power Supply Requirements	DC 12 Volts, Negative Ground
Operating Voltage	11-16 VDC
Overall Dimensions (W x D x H)	8.19" x 4.33" x 3.39"
Mounting Dimensions (W x D x H)	7.09" x 5.2" x 3.39"
Item Weight	3.25 pounds
Wattage	24 watts
Connectivity Technology	USB, HDMI, RCA, Auxiliary
Controller Type	Remote Control
Compatible Devices	Tablet, Smartphone
Total HDMI Ports	1
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Video encoding	H.264, H.265/HEVC
FM Tuner	
Frequency Coverage (USA)	87.5 to 107.9 MHz
Sensitivity	<4 μ V
Stereo Separation @ 1 kHz	>25 dB
AM Tuner	
Frequency Range (USA)	530-1710 kHz

Category	Detail
Sensitivity (S/N=20dB)	<63 μ V
Amplifier	
Output Power	6W x 4
Output Impedance	Compatible with 4-8 Ω ohms speakers, 4 ohm load minimum
DVD	
Frequency Response	20-20,000 Hz
Channel Separation	50 dB
S/N Ratio	65 dB
Distortion	0.5%

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Jensen website. Keep your proof of purchase for warranty claims.

Manufacturer: ASA Electronics/Advent Air/Voyager/Jensen RV-Marine/Polk/Klipsch

Model Number: JWM452

Date First Available: December 5, 2019

For additional assistance, you may contact the seller or manufacturer directly.