

Jensen AWM968

Jensen AWM968 AM/FM/CD/DVD/USB Bluetooth Stereo User Manual

Model: AWM968



INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Jensen AWM968 AM/FM/CD/DVD/USB Bluetooth Stereo. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage.

The AWM968 is a versatile audio and video entertainment system designed for mobile environments, featuring AM/FM radio, CD/DVD playback, USB input for MP3/WMA files, Bluetooth audio streaming, and auxiliary input capabilities.

PACKAGE CONTENTS

Verify that all items are present in the package before beginning installation.

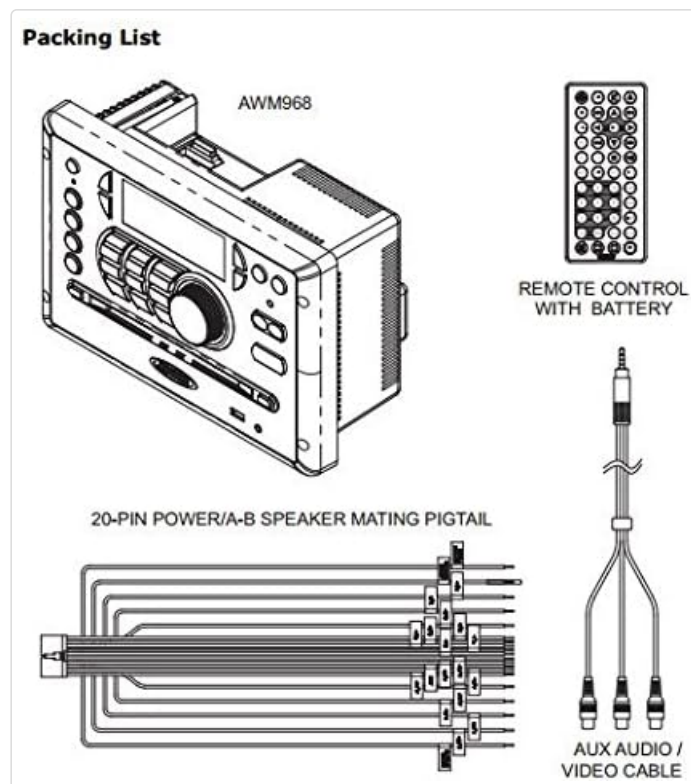


Image Description: This image displays the contents typically found in the Jensen AWM968 package. It includes a diagram of the AWM968 stereo unit, a remote control with battery, a 20-pin power/A-B speaker mating pigtail, and an auxiliary audio/video cable.

- Jensen AWM968 Stereo Unit
- Wireless Credit Card Size Remote Control (with battery)
- 20-Pin Power/A-B Speaker Mating Pigtail
- Auxiliary Audio/Video Cable
- User Manual (this document)

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. If you are unsure about any steps, consult a qualified technician.

Safety Precautions

- Disconnect the vehicle's battery negative terminal before installation to prevent electrical shorts.
- Ensure proper grounding.
- Do not install the unit where it will obstruct the driver's view or interfere with vehicle operation.
- Verify all wiring connections before restoring power.

Wiring Diagram

Refer to the following diagram for correct wiring connections. Each wire is clearly labeled on the unit's harness.

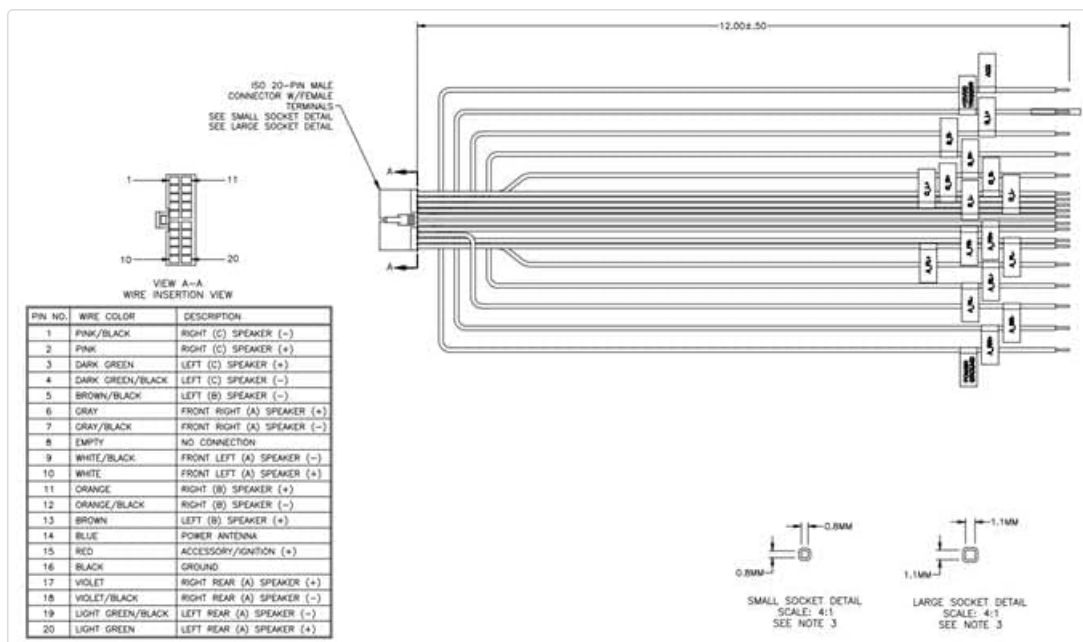


Image Description: This technical drawing illustrates the 20-pin wiring harness for the Jensen AWM968 stereo. It details each pin number, wire color, and its corresponding function, including connections for power (Accessory/Ignition, Power Antenna), ground, and multiple speaker outputs (Front Left/Right, Rear Left/Right, Speaker A/B/C).

Important: Ensure the shipping screw for the CD/DVD player is removed from the back of the unit prior to operation. Failure to do so will prevent disc playback.

OPERATING INSTRUCTIONS

This section details the functions of the Jensen AWM968 stereo.

Front Panel Controls



Image Description: A detailed view of the Jensen AWM968 stereo's front panel. It shows the LCD display, various control buttons for power, volume, mode selection (FM/AM, AUX, DVD/USB, Bluetooth), track navigation, speaker zones, and the disc loading slot. An auxiliary A/V input and USB port are also visible on the lower right.

- **POWER Button:** Press to turn the unit ON or OFF.
- **VOL Knob (PUSH/ENTER):** Rotate to adjust volume. Press to confirm selections in menus.
- **MODE Buttons (FM/AM, AUX, DVD/USB, Bluetooth):** Select the desired audio source.
- **TUNE/SEEK/TRACK Buttons:** Use for radio tuning or track navigation during playback.
- **SPEAKER A/B/C Buttons:** Activate or deactivate speaker zones.
- **BRIGHT Button:** Adjust display brightness.
- **CLOCK/MIN Button:** Set the clock time.
- **SET/ON/OFF/ALARM Buttons:** Configure system settings and alarm functions.
- **MUTE/LOUD Button:** Mute audio or activate loudness compensation.
- **Front USB Input:** Connect USB flash drives for MP3/WMA playback.
- **Front AUX A/V Input:** Connect external audio/video devices using a 3.5mm jack.

AM/FM Radio Operation

- Press the **FM/AM** button to select the radio tuner mode.
- Press **TUNE/SEEK/TRACK** buttons to manually tune or seek for stations.
- Use the preset buttons (1-6) to store and recall your favorite stations. The unit supports 12 AM and 18 FM presets.

CD/DVD Playback

- Insert a disc into the disc slot with the label side facing up. The unit will automatically switch to DVD/CD mode.
- Compatible disc formats include CD, CD-R, CD-RW, DVD/DVD+R, DVD RW, DVD-R, DVD-RW, DVD-Video, MPEG-4, VCD, JPEG, and MP3/WMA.
- Use the **TUNE/SEEK/TRACK** buttons for track navigation.
- The unit features a skip-protected disc mechanism.

USB Playback

- Connect a compatible USB flash drive to the front USB input.
- The unit will automatically switch to USB mode and begin playing supported MP3/WMA files.
- Use the **TUNE/SEEK/TRACK** buttons to navigate through files and folders.

Bluetooth Operation

The AWM968 supports Bluetooth A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile) for wireless audio streaming.

- Press the **Bluetooth** button to enter Bluetooth mode. The display will indicate "BT PAIRING" or similar.
- On your Bluetooth-enabled device (e.g., smartphone, tablet), search for available devices and select "Jensen AWM968".
- Once paired, you can stream audio wirelessly from your device to the stereo.
- Use the stereo's controls or your device's controls to manage playback (play/pause, skip track).


Auxiliary Input

- Connect an external audio/video device to the 1/8" front auxiliary input using an appropriate cable.
- Press the **AUX** button to select the auxiliary input source.

- Audio and video from the connected device will be played through the stereo.

Remote Control

The included wireless credit card size remote control provides convenient access to most functions. Point the remote control towards the IR sensor on the front panel of the stereo.



The image displays the Jensen AWM968 stereo unit and its compact wireless remote control. The stereo unit is black with a blue and silver faceplate. It features a digital display showing 'FM 110.39'. The faceplate includes various buttons for power, brightness, mode selection (FM, AM, AUX, DVD, USB), and track control. A large volume knob is prominently displayed in the center. The remote control is a small, black, credit-card-sized device with numerous buttons for controlling the stereo's functions.

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AWM968

PRODUCT FEATURES

- Bluetooth® streaming audio (A2DP, AVRCP)
- 12 AM and 18 FM station presets
- USB input
- DVD plays CD, CD-R, CD-RW, DVD/DVD+R, DVD RW, DVD-R, DVD-RW, MP3
- Video format supported: DVD-Video, MPEG-4, VCD, JPEG
- Audio format supported: CD-DA, MP3, WMA, Dolby
- Encoded volume control
- Front A/V stereo/video 1/8" jack
- Rear A/V out (chassis mount) fixed line level
- Rear audio out (chassis mount) variable line level
- Clock with alarm and sleep timer
- Three-line power system
- IR sensor on the front panel
- Wireless remote control included

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Image Description: This image shows the Jensen AWM968 stereo unit's front panel alongside its compact wireless remote control. The remote features various buttons for power, mode selection, volume, track control, and other functions, mirroring the stereo's

MAINTENANCE

To ensure long-lasting performance and appearance of your Jensen AWM968 stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the front panel. For stubborn dirt, dampen the cloth lightly with water. Avoid using abrasive cleaners, solvents, or strong detergents, as they can damage the finish.
- **Disc Care:** Handle discs by their edges. Keep them clean and free of scratches. Store discs in their cases when not in use.
- **Ventilation:** Ensure the unit has adequate ventilation to prevent overheating. Do not block any ventilation openings.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for extended periods, or high humidity.

TROUBLESHOOTING

If you encounter issues with your AWM968, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Unit does not turn on.	Incorrect wiring; Blown fuse; Vehicle battery discharged.	Check power and ground connections. Inspect and replace fuses if necessary. Check vehicle battery charge.
No sound.	Volume too low; Mute function active; Incorrect source selected; Speaker wiring issues.	Increase volume. Deactivate mute. Select correct audio source. Verify speaker connections.
Disc will not play or ejects immediately.	Disc is dirty, scratched, or incompatible format; Shipping screw not removed.	Clean or replace disc. Ensure disc format is supported. Verify the shipping screw has been removed from the rear of the unit.
Bluetooth pairing fails.	Device not in pairing mode; Stereo not in Bluetooth mode; Interference.	Ensure both devices are in pairing mode. Move closer to the stereo. Try restarting both devices.
Poor radio reception.	Antenna not connected or damaged; Weak signal area.	Check antenna connection. Extend antenna fully. Try a different location.
Excessive battery drain when off.	Constant power draw from unit.	Ensure proper wiring for accessory power. Consider installing a separate kill switch for the unit if persistent.

If the problem persists after attempting these solutions, contact Jensen customer support.

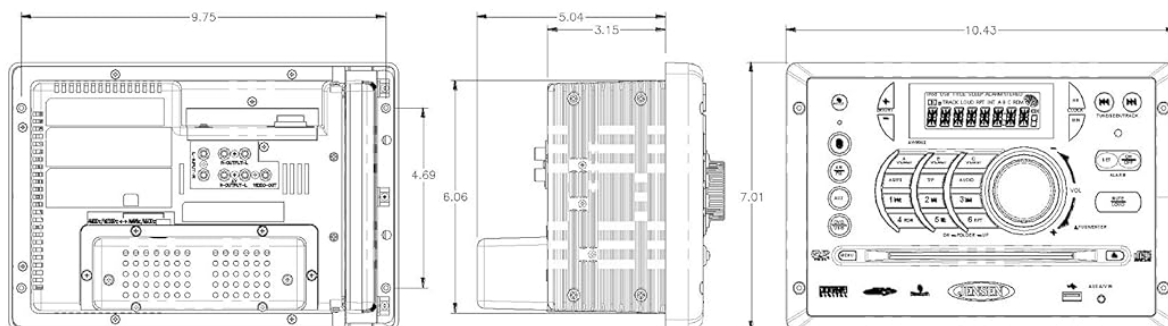
SPECIFICATIONS

Detailed technical specifications for the Jensen AWM968 stereo.



AM | FM | DVD | CD | USB | Bluetooth Stereo

AWM968



Specifications

General Specifications

Power System	12 V DC (2-wire)	
Operating Voltage Range	10 V to 16 V	
Current Draw @ 12V	Idle	0 mA
	Nominal	40 mA
	Maximum	6.5 A
Operating Temperature Range	14°F to 140 °F	-20°C to 65°C
Storage Temperature Range	-22°F to 158°F	-30°C to 70°C
Maximum Relative Humidity	85%	
Overall Dimensions	10 7/16" W x 7" H x 5" D	
Product Weight (unpackaged)		

Performance Specifications

FM Sensitivity	2 μ V
AM Sensitivity	15 μ V
CD Frequency Response	20 Hz to 20KHz
CD Signal to Noise	79 dB
CD Skip Threshold (Random Freq. Profile)	1.6 G
Compatible Disc Formats	CD, CD-R, CD-RW, MP3, DVD, DVD+/- RW
Maximum Output Power	8 x 6Watts Total
Total Harmonic Distortion	1%
Applied Test Suite	ASA ES0001
Regulatory Certification	FCC Part 15B

Features and specifications subject to change without notice.

Image Description: This image presents a comprehensive specifications table for the Jensen AWM968, detailing general specifications like power system, operating voltage, current draw, temperature ranges, humidity, product weight, and overall dimensions. It also includes performance specifications such as FM/AM sensitivity, CD frequency response, signal-to-noise ratio, compatible disc formats, maximum output power, and regulatory certification (FCC Part 15B). Additionally, a technical drawing with precise dimensions of the unit is provided.

Category	Specification
Power System	12 V DC (2-wire)

Category	Specification
Operating Voltage Range	10 V to 16 V
Current Draw @ 12V (Idle)	0 mA
Current Draw @ 12V (Maximum)	6.5 A
Operating Temperature Range	14°F to 140°F (-10°C to 60°C)
Storage Temperature Range	-22°F to 158°F (-30°C to 70°C)
Maximum Relative Humidity	85%
Overall Dimensions	10 7/16" W x 7" H x 5" D (Product Dimensions: 13 x 9 x 9 inches, Item Weight: 5 pounds)
FM Sensitivity	2 μ V
AM Sensitivity	15 μ V
CD Frequency Response	20 Hz - 20 kHz
CD Signal to Noise	79 dB
Compatible Disc Formats	CD, CD-R, CD-RW, MP3, DVD, DVD-R, DVD-RW, DVD-Video, MPEG-4, VCD, JPEG, WMA
Maximum Output Power	8 x 6 Watts Total
Total Harmonic Distortion	1%
Connectivity Technology	Auxiliary, Bluetooth, USB
Special Feature	Built-In Bluetooth
Audio Output Mode	Stereo
Surround Sound Channel Configuration	7.1 or 5.1 + 2 additional channels (Note: This refers to the capability of the unit to output to multiple speaker zones, not necessarily full surround sound decoding.)
Regulatory Certification	FCC Part 15B

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or

visit the official Jensen website. Keep your proof of purchase for warranty claims.

Manufacturer: ASA

Date First Available: May 22, 2013

