Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

JVC PE-W50CDB

JVC Portable Wireless Amplifier PE-W50CDB User Manual

Model: PE-W50CDB

1. Introduction

Thank you for purchasing the JVC Portable Wireless Amplifier PE-W50CDB. This compact and lightweight audio system is designed for various applications, offering powerful and clear sound reproduction. Featuring a built-in CD player and versatile power options, it is ideal for presentations, events, and public address needs. This manual provides essential information for the safe and efficient operation of your amplifier.



Figure 1.1: JVC Portable Wireless Amplifier PE-W50CDB. This image shows the front and side view of the compact, grey and white amplifier unit.

2. Key Features

- **Compact and Lightweight Design:** B4 size, making it easy to transport and fit into various spaces.
- **High-Quality Sound:** Engineered to deliver clear bass and powerful midrange frequencies.
- **"Talk Master Mode":** Enhances vocal clarity, making speech easier to hear and reducing listener fatigue.
- **Powerful Output:** Despite its compact size, it provides a maximum output of 25W for clear broadcasting.
- **Built-in CD Player:** Supports playback of audio CDs and data CDs (MP3 format).
- **USB Playback:** Equipped with a USB terminal for easy playback of MP3 audio files.
- **Versatile Power Options:** Operates on AC100V power or 10 D-size alkaline dry cell batteries (2-way power supply).
- **Built-in Speaker Switch:** Allows switching between the internal speaker and external speakers.
- **Multiple Inputs:** Includes 1 microphone input, 2 wireless tuner inputs, and 1 external input.

- **Audio Output:** Features 1 audio output system for connecting to other devices.
- **Cascade Connection:** Multiple units can be connected in a cascade for increased output.
- **Battery Level Indicator:** Provides an indication of remaining battery life.

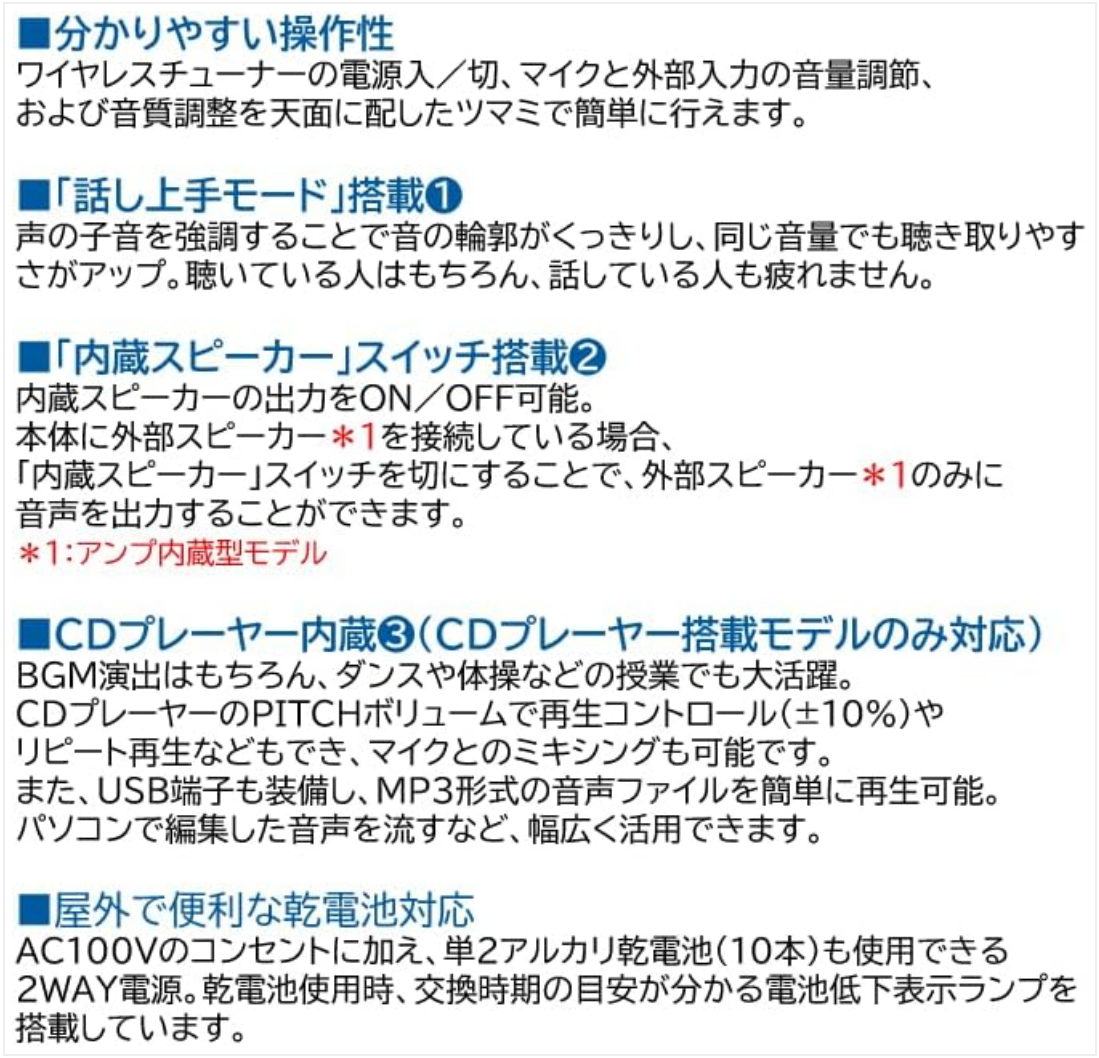


Figure 2.1: Overview of key features including easy operation, Talk Master Mode, built-in speaker switch, and CD player functionality.

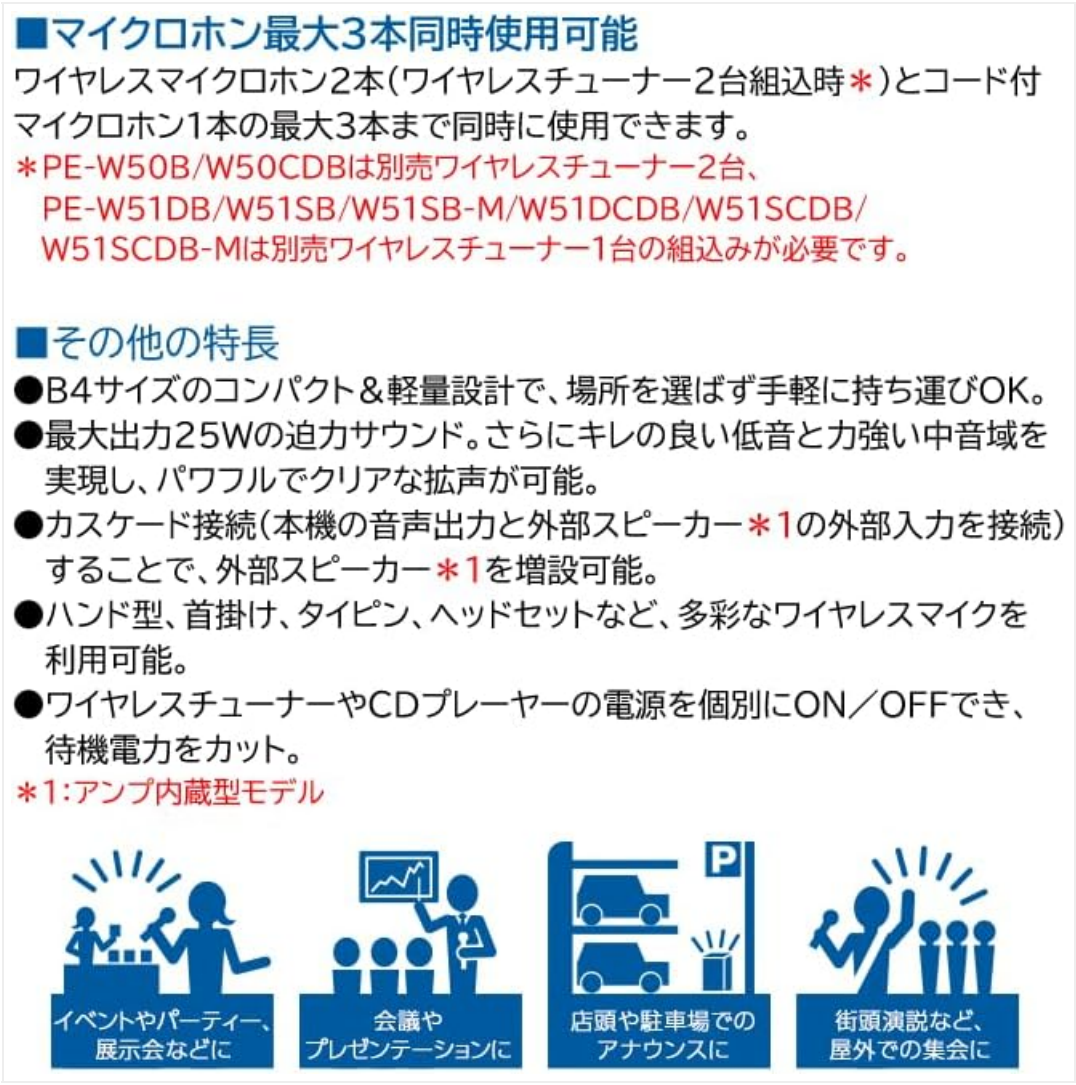


Figure 2.2: This image highlights the ability to use up to three microphones simultaneously and other features like compact design, sound quality, and power saving options.

3. Setup

3.1 Unpacking and Inspection

Carefully remove the amplifier from its packaging. Verify that all components are present and undamaged. Retain the packaging for future transport or storage.

3.2 Power Connection

- **AC Power:** Connect the supplied AC power cord to the AC IN terminal on the amplifier and then to a standard AC100V outlet.
- **Battery Power:** For portable use, open the battery compartment and insert 10 D-size alkaline dry cell batteries, ensuring correct polarity. The unit can operate for approximately 4 hours on battery power when the CD player and wireless tuner are off.

3.3 Connecting Microphones and External Devices

Refer to the rear panel diagram for connection points.



Figure 3.1: Detailed view of the amplifier's rear panel, showing inputs for microphones, external devices, power, and the wireless tuner slot. The image also indicates the carrying handle, CD player section, USB terminal, and storage pocket.

- **Microphone Input:** Connect a wired microphone to the MIC INPUT jack.
- **Wireless Tuner Input:** If using wireless microphones, install the optional wireless tuner unit(s) into the designated slots. The unit supports up to two wireless tuners.
- **External Input:** Connect external audio sources (e.g., a portable audio player) to the EXTERNAL INPUT jack.
- **Audio Output:** Use the AUDIO OUTPUT jack to connect to another amplifier for cascade connection or to an external recording device.



Figure 3.2: This diagram illustrates various system configurations, including wired microphones, portable audio, CD, USB memory, and wireless microphones. It also provides a detailed external dimensions diagram of the unit.

4. Operating Instructions

4.1 Powering On/Off

Press the POWER switch to turn the unit ON or OFF. Ensure all connections are secure before powering on.

4.2 Volume Control

Adjust the volume for each input using the corresponding knobs on the top panel:

- **MIC Volume:** Controls the volume of connected wired microphones.
- **WIRELESS TUNER Volume:** Controls the volume of wireless microphones connected via the tuner.
- **EXTERNAL INPUT Volume:** Controls the volume of devices connected to the external input.
- **MASTER Volume:** Adjusts the overall output volume of the amplifier.

4.3 CD Playback

1. Open the CD tray and insert an audio CD or a data CD (MP3).
2. Close the CD tray.
3. Use the playback controls (Play, Pause, Stop, Skip) on the CD player section to manage playback.

4. Adjust the CD volume as needed.
5. The CD player also features Pitch Control (±10%) and Repeat Playback functions.

4.4 USB Playback

1. Insert a USB flash drive containing MP3 audio files into the USB terminal.
2. The unit will automatically detect and begin playback of compatible files.
3. Use the playback controls on the CD player section (which also control USB playback) to manage your audio.

4.5 "Talk Master Mode"

Activate the "Talk Master Mode" switch (located on the rear panel) to enhance vocal clarity. This mode emphasizes the contours of the voice, making it easier to understand even at the same volume level, reducing fatigue for both speaker and listener.

4.6 Built-in Speaker Switch

If an external speaker is connected, you can use the "Built-in Speaker" switch (located on the rear panel) to turn off the internal speaker, directing audio output solely to the external speaker.

5. Maintenance

5.1 Cleaning

Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents. For stubborn stains, use a cloth lightly dampened with water and a mild detergent, then wipe dry.

5.2 Battery Replacement

When the battery level indicator shows low power, replace all 10 D-size alkaline dry cell batteries. Ensure correct polarity when inserting new batteries.

5.3 Storage

If storing the unit for an extended period, remove all batteries to prevent leakage and damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution
No power	AC cord not connected; Batteries depleted or incorrectly inserted.	Check AC cord connection; Replace batteries, ensuring correct polarity.
No sound output	Volume too low; Input device not connected properly; Built-in speaker switch off (if external speaker not connected).	Increase volume; Check all input connections; Ensure built-in speaker switch is ON if no external speaker is used.
Distorted sound	Volume too high; Input signal too strong; Speaker impedance mismatch (if external speaker).	Reduce volume; Check input level; Ensure external speaker impedance matches amplifier.
CD/USB not playing	Disc dirty/scratched; Incorrect file format on USB; USB drive not inserted correctly.	Clean or replace disc; Ensure files are MP3 format; Reinsert USB drive.

7. SPECIFICATIONS

Feature	Description
Microphone Input	1 system
Wireless Tuner Input	2 systems
External Input	1 system
Audio Output	1 system
Frequency Response	50Hz ~ 18kHz
Speaker	16cm Double Cone Type
Rated Output	22W (AC Power)
Maximum Output	25W (AC Power)
Battery Life	Approx. 4 hours (Alkaline dry cells, CD/Wireless Tuner OFF)
Power Supply	AC100V 50/60Hz or 10 D-size dry cells (Alkaline)
Power Consumption	17W~22W (Electrical Appliance Safety Law)
Dimensions (W x H x D)	262mm x 369mm x 240mm
Weight	5.5kg ~ 6.6kg
CD Player	Audio CD, Data CD (MP3)
USB Playback	MP3
Speed Control (CD/USB)	-10% ~ +10%

本体部	
マイク入力	1系統
ワイヤレスチューナー入力	2系統
外部入力	1系統
音声出力	1系統
周波数特性	50Hz～18kHz
スピーカー	16cm ダブルコーン型
定格出力	22W（AC電源）
最大出力	25W（AC電源）
電池接続時間	アルカリ乾電池 CD、ワイヤレスチューナー「切」時：連続約4時間*1
電源	AC100V 50Hz/60Hz または単2乾電池（アルカリ）×10
消費電力	17W～22W（電気用品安全法）
外形寸法	幅262mm×高さ369mm×奥行240mm
質量	5.5kg～6.6kg
CDプレーヤー部（CDプレーヤー搭載モデルのみ）	
CD	オーディオCD、データCD（MP3）*2
USB	MP3
スピードコントロール	−10%～+10%（CD・USBともに）
ワイヤレスチューナー部（ワイヤレスチューナー搭載モデルのみ）	
受信周波数	806.125MHz～809.750MHzのうち16チャンネル（WT-U85） 806.125MHz～809.750MHzのうち30チャンネル（WT-UD84）
周波数特性	50Hz～15kHz（+3dB、−6dB、1kHz基準）

*1：JEITA（電子技術産業協会）の規格による数値です。
*2：再生ディスクは、ファイナライズされたものに限ります。また、ディスクの特性や記録状態によっては再生できない場合があります。

Figure 7.1: A comprehensive table detailing the technical specifications of the PE-W50CDB amplifier, including inputs, outputs, frequency response, power, dimensions, and media compatibility.

8. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official JVC Kenwood website. For technical support, troubleshooting beyond this manual, or inquiries about replacement parts and accessories, please contact JVC Kenwood customer service or your authorized dealer.



Figure 8.1: This image displays various optional accessories compatible with the PE-W50B series, including wireless microphones (handheld, pendant), chargers, wireless tuner units (single, diversity), and a carrying bag.

© 2024 JVC Kenwood Corporation. All rights reserved.
This manual is subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B01J2K2EAC

More documents and user manuals: **https://manuals.plus/**