JVC RV-NB300DAB

JVC RV-NB300DAB Boomblaster User Manual

Model: RV-NB300DAB

1. Introduction

The JVC RV-NB300DAB Boomblaster is a versatile portable audio system designed for high-quality sound reproduction. It integrates multiple audio sources including DAB+ digital radio, FM radio, Bluetooth wireless streaming, CD playback, USB audio playback, and a 3.5mm auxiliary input. Additionally, it features dedicated inputs for a microphone and guitar, allowing for enhanced audio experiences. The unit is equipped with twin bass subwoofers for powerful low-frequency output and includes an adjustable light show feature.

2. Safety Information

Please read all safety instructions carefully before operating the device. Keep this manual for future reference.

- **Power Source:** Use only the specified power adapter. Ensure the voltage matches the local power supply.
- **Ventilation:** Do not block any ventilation openings. Maintain adequate space around the unit for proper airflow.
- **Water and Moisture:** Do not expose the unit to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the power outlet before cleaning. Use a dry cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Battery Safety:** If using batteries (for remote control), ensure correct polarity and do not mix old and new batteries or different types of batteries.

3. Package Contents

Verify that all items are present in the package:

- JVC RV-NB300DAB Boomblaster Unit

- AC Power Adapter
- Remote Control (with 1 AAA battery required, not always included)
- Shoulder Strap
- User Manual (this document)

4. Product Overview

Familiarize yourself with the main components and controls of your JVC RV-NB300DAB Boomblaster.



Figure 4.1: Front view of the JVC RV-NB300DAB Boomblaster with illuminated speakers.



Figure 4.2: Front view of the JVC RV-NB300DAB Boomblaster, showing the central control panel and speaker grilles.



Figure 4.3: Top view of the JVC RV-NB300DAB Boomblaster, highlighting the CD compartment and telescopic antenna.



Figure 4.4: Rear view of the JVC RV-NB300DAB Boomblaster, displaying the power input and other connection ports.

4.1 Front Panel Controls

- **Power Button (O/I):** Turns the unit on or off.
- **Source Button:** Selects input source (DAB, FM, Bluetooth, CD, USB, AUX).
- **Volume Knob:** Adjusts the master volume.
- **Play/Pause Button:** Controls playback for CD, USB, and Bluetooth.
- **Skip/Tune Buttons (<< / >>):**Navigates tracks or tunes radio frequencies.
- **EQ Button:** Cycles through equalizer presets.
- **Light Button:** Controls the speaker light show.
- **Bass Button:** Adjusts bass levels.
- **Clock Button:** Displays or sets the clock.
- **Mute Button:** Mutes or unmutes audio output.
- **Display Screen:** Shows current mode, track information, radio frequency, etc.
- **Phone Jack:** 3.5mm headphone output.
- **AUX IN Jack:** 3.5mm auxiliary input.
- **USB Port:** For USB device connection.

4.2 Rear Panel Connections

- **AC IN:** Power input for the AC adapter.
- **MIC IN:** 6.3mm microphone input.
- **GUITAR IN:** 6.3mm guitar input.
- **MIC/GUITAR Volume:** Separate volume control for microphone/guitar inputs.

5. Setup

5.1 Power Connection

1. Connect the supplied AC power adapter to the **AC IN** port on the rear of the Boomblaster.
2. Plug the other end of the AC power adapter into a wall outlet.
3. The unit is now ready for operation.

5.2 Antenna Setup

For optimal radio reception (DAB+ and FM), fully extend the telescopic antenna located on the top of the unit. Adjust its position for the best signal quality.

5.3 Initial Power On

Press the **Power Button (O/I)** on the front panel to turn on the Boomblaster. The display will illuminate.

6. Operating Instructions

6.1 DAB+ Radio Operation

1. Press the **Source Button** repeatedly until "DAB" appears on the display.
2. The unit will automatically scan for available DAB+ stations upon first use or if no stations are found.
3. Use the **Skip/Tune Buttons (<< / >>)** to navigate through the list of available stations.
4. To store a station as a preset, refer to the "Setting Presets" section.

6.2 FM Radio Operation

1. Press the **Source Button** repeatedly until "FM" appears on the display.
2. Press and hold the **Skip/Tune Buttons (<< / >>)** to automatically scan for the next available station. Press briefly to manually adjust the frequency.
3. To store a station as a preset, refer to the "Setting Presets" section.

6.3 Bluetooth Operation

1. Press the **Source Button** repeatedly until "Bluetooth" appears on the display. The unit will enter pairing mode, indicated by a flashing Bluetooth icon.
2. On your Bluetooth-enabled device (e.g., smartphone), enable Bluetooth and search for available devices.
3. Select "JVC RV-NB300DAB" from the list. Once paired, the Bluetooth icon on the Boomblaster's display will stop flashing.
4. You can now play audio from your device through the Boomblaster. Use the **Play/Pause** and **Skip/Tune Buttons** on the unit or your device to control playback.

6.4 CD Playback

1. Open the CD compartment cover on the top of the unit.
2. Insert a CD with the label side facing up. Close the CD compartment cover.
3. Press the **Source Button** repeatedly until "CD" appears on the display.
4. The CD will begin playing automatically. Use the **Play/Pause** and **Skip/Tune Buttons** to control playback.

6.5 USB Playback

1. Insert a USB flash drive into the **USB Port** on the front panel.
2. Press the **Source Button** repeatedly until "USB" appears on the display.
3. The unit will automatically detect and begin playing compatible audio files from the USB drive.
4. Use the **Play/Pause** and **Skip/Tune Buttons** to control playback.

6.6 Line-in (AUX) Connection

1. Connect an external audio device (e.g., MP3 player, smartphone) to the **AUX IN Jack** on the front panel using a 3.5mm audio cable (not supplied).
2. Press the **Source Button** repeatedly until "AUX" appears on the display.
3. Play audio from your connected device. The volume can be controlled via the Boomblaster's volume knob or the connected device.

6.7 Microphone and Guitar Inputs

1. Connect a microphone to the **MIC IN** jack or a guitar to the **GUITAR IN** jack on the rear panel.
2. Adjust the dedicated **MIC/GUITAR Volume** knob on the rear panel to control the input level of the connected instrument/microphone.
3. The audio from these inputs will mix with the selected audio source.

6.8 Sound Adjustments and Light Show

- **EQ:** Press the **EQ Button** to cycle through various equalizer presets (e.g., Flat, Rock, Pop, Jazz, Classic) to optimize sound for different music genres.
- **Bass:** Press the **Bass Button** to adjust the bass intensity.
- **Light:** Press the **Light Button** to activate or change the speaker light show patterns. Press again to turn off the lights.

7. Maintenance

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **CD Lens Care:** Avoid touching the CD lens. If the lens is dirty, use a commercially available CD lens cleaner.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution
No power	Power adapter not connected properly.	Ensure the AC adapter is securely plugged into the unit and a working wall outlet.
No sound	Volume is too low or muted. Incorrect source selected.	Increase volume. Press the Mute button. Select the correct input source.
Poor radio reception	Antenna not extended or positioned correctly. Weak signal.	Fully extend and adjust the telescopic antenna. Try moving the unit to a different location.

Problem	Possible Cause	Solution
Bluetooth pairing failed	Device too far. Bluetooth not enabled on device. Unit not in pairing mode.	Ensure device is within 10 meters. Enable Bluetooth on your device. Select Bluetooth source on Boomblaster to enter pairing mode.
CD not playing	CD inserted incorrectly. CD is dirty or scratched.	Ensure CD is inserted label side up. Clean the CD with a soft cloth. Try a different CD.
USB not playing	USB format not supported. Incompatible file types.	Ensure USB is formatted to FAT32. Check if audio files are in supported formats (e.g., MP3).

9. Specifications

Feature	Description
Model Number	RV-NB300DAB
Brand	JVC
Power Output	60 Watts (Total)
Connectivity	Bluetooth, USB 2.0, AUX (3.5mm), Microphone (6.3mm), Guitar (6.3mm)
Radio Tuner	DAB+, FM
Disc Playback	CD
Color	Black
Dimensions (L x W x H)	69.6 x 26.5 x 26.2 cm (27.4 x 10.4 x 10.3 inches)
Weight	7.2 Kilograms (15.87 lbs)
Power Source	AC Adapter
Supported Devices	Smartphone, USB devices, CD, Microphone, Guitar
Software Updates Guaranteed Until	April 13, 2030
Spare Parts Availability	2 Years

10. Warranty and Support

This product comes with a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, service, or spare parts inquiries, please contact JVC customer service or visit the official JVC website.

- **Spare Parts Availability:** 2 Years
- **Software Updates Guaranteed Until:** April 13, 2030

For the most up-to-date support information, please visit the official JVC website: www.jvc.com

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