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> Gradio CD-W16 Multifunction Portable CD Player with Cassette, Bluetooth 5.1, FM Radio, USB, AUX, TF/SD Card, and 5000mAh Rechargeable Battery User Manual

Gradio CD-W16

Gradio CD-W16 Multifunction Portable CD Player User Manual

Model: CD-W16 | Brand: Gradio

1. INTRODUCTION

Thank you for purchasing the Gradio CD-W16 Multifunction Portable CD Player. This device offers a comprehensive audio experience with multiple playback options including CD, cassette, FM radio, Bluetooth 5.1, USB, AUX, and TF/SD card. Designed for ease of use and portability, it features a rechargeable battery, remote control, and high-quality stereo sound. Please read this manual carefully to ensure proper operation and to fully enjoy all the features of your new audio system.

2. SAFETY INFORMATION

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not open the casing. Refer servicing to qualified personnel only.
- Avoid placing the unit near heat sources or in direct sunlight.
- Use only the specified power adapter and cables.
- Keep out of reach of children.

3. PACKAGE CONTENTS

- Gradio CD-W16 CD Radio Cassette Player x 1

- AUX Cable x 1
- Type-C Cable x 1
- Remote Control x 1
- User Manual x 1

4. PRODUCT OVERVIEW

The Greadio CD-W16 is a versatile audio system designed for various listening preferences. It combines classic and modern features in a compact, portable design.



Figure 1: Greadio CD-W16 Multifunction Portable CD Player

Key features include:

- CD Player (CD, CD-R, CD-RW compatible)
- Cassette Player & Recorder

- FM Radio (76-108MHz)
- Bluetooth 5.1 (Transmitter & Receiver)
- USB Playback
- AUX Input
- TF/SD Card Playback
- 5000mAh Rechargeable Battery
- Dual 5W Stereo Speakers
- Remote Control
- Sleep Timer
- 5 EQ Sound Modes



Figure 2: Overview of Greadio CD-W16 features including CD, Cassette, Bluetooth 5.1, Remote, FM Radio, 5000mAh Battery, USB, AUX, TF/SD Card, Dual 5W Speakers, and EQ Mode.

5. SETUP

5.1. Charging the Battery

The Greadio CD-W16 is equipped with a built-in 5000mAh rechargeable battery. To charge the device:

1. Connect the provided Type-C cable to the charging port on the unit.
2. Connect the other end of the Type-C cable to a 5V/2A USB power adapter (not included).
3. The charging indicator will illuminate. A full charge takes approximately 3 hours and provides up to 16 hours of playback.

5000mAhバッテリーで長時間使用可能

内蔵リチウム電池で外出先でも便利



5 時間
以下の充電時間



10 時間
以上の再生時間



5V 2A
タイプ-Cケーブル付属

(アダプターは別売)

50000mAh



Figure 3: The Greadio CD-W16 being charged, illustrating its 5000mAh battery capacity.

5.2. Power On/Off

To power on or off the CD player:

- Press and hold the **Power button** on the unit or the remote control for 2 seconds.
- Alternatively, short press the **Power button** on the remote control to toggle the CD player on/off.

6. OPERATING INSTRUCTIONS

6.1. General Controls (Remote Control)

The remote control provides convenient access to all functions. Refer to the video below for a demonstration of remote control operations.

Your browser does not support the video tag.

Video 1: Remote control operations for the Greadio CD-W16, demonstrating power, mode switching, track navigation, EQ settings, Bluetooth connection, repeat modes, and direct track selection.

- **Power On/Off:** Short press the **Power button**.
- **Function Mode Selection:** Short press the **FUNC. button** to cycle through CD, Bluetooth, Radio, Cassette, AUX, USB, and TF/SD card modes.
- **Volume Adjustment:** Short press **VOL+** or **VOL-** buttons.
- **Track Navigation:** Short press **NEXT (>>|)** for the next track or **PREV (|<<)** for the previous track.
- **Fast Forward/Rewind:** Long press **NEXT (>>|)** for fast forward or **PREV (|<<)** for rewind.
- **Direct Track Selection:** In CD mode, input 0-9 on the remote to quickly skip to the desired track.
- **EQ Mode:** Short press the **EQ button** to cycle through NORMAL, ROCK, POP, JAZZ, and CLASS sound modes.
- **Repeat Mode:** Short press the **REP button** to cycle through repeat options (ONE, FOLDER, ALL, SHUFFLE, OFF).

6.2. CD Playback

1. Ensure the unit is powered on.
2. Short press the **FUNC. button** to select CD mode. The display will show "CD".
3. Open the CD compartment lid by gently lifting it.
4. Place a CD (CD, CD-R, CD-RW compatible) onto the spindle with the label side facing up.
5. Close the CD compartment lid. The CD will begin playing automatically.
6. Use the **Play/Pause (||)** button for temporary stop/resume.
7. Use **NEXT (>>|)** and **PREV (|<<)** buttons for track navigation.

再生がスムーズで、音飛び防止

CD/CD-R/CD-RW/MP3 に対応できる



プログラム可能



リピート再生可能



Figure 4: A user operating the CD player with the remote control, demonstrating program and repeat functions.

6.3. Cassette Playback & Recording

1. Short press the **FUNC. button** to select Tape mode. The display will show "TAPE".
2. Press the **STOP/EJ. button** to open the cassette compartment.
3. Insert a cassette tape into the compartment and close the lid.
4. Press the **PLAY button** to start cassette playback.
5. To fast forward or rewind, long press the **FFWD** or **FREW** buttons respectively.
6. To stop playback, short press the **STOP/EJ. button**.

Cassette Recording:

To record audio from other modes (CD, FM Radio, USB, AUX, TF/SD) onto a blank cassette:

1. Insert a blank cassette into the cassette compartment.
2. Select the desired source mode (e.g., CD, FM Radio).
3. Simultaneously press the **PLAY** and **REC (Record)** buttons. Recording will begin.
4. Press the **STOP/EJ. button** to stop recording.



Figure 5: The Greadio CD-W16 showing the cassette compartment, ready for playback or recording.

6.4. FM Radio Operation

1. Short press the **FUNC. button** to select FM Radio mode. The display will show the FM frequency.
2. Extend the telescopic antenna for better reception.

Auto Scan & Preset Stations:

- Long press the **SCAN button** to automatically scan and save available FM stations. The unit can store up to 30 preset stations.
- Short press the **SCAN button** to recall preset stations (P01, P02, etc.).

Manual Tuning:

- Short press the **NEXT (>>|)** or **PREV (|<<)** buttons to manually tune to the desired frequency.

強化されたアンテナ

広帯域、強力な信号、より多くの放送



Figure 6: The Gradio CD-W16 showcasing its enhanced FM antenna for better radio reception.

6.5. Bluetooth Operation

The Gradio CD-W16 supports Bluetooth 5.1 for both transmitting and receiving audio.

Bluetooth Transmitter Mode:

To transmit audio from the CD player to a Bluetooth speaker or headphones:

1. Long press the **Bluetooth button** on the unit or remote to activate Bluetooth transmission mode. The display will show "BT".
2. Ensure your Bluetooth receiving device (speaker, headphones) is in pairing mode.
3. The CD-W16 will automatically search for nearby Bluetooth devices. Once found, it will connect.

2-in-1 Bluetooth トランスミッター & レシーバー

Bluetooth 5.1テクノロジーで高速・長距離伝送を実現



Figure 7: The Gradio CD-W16 demonstrating its capability as a Bluetooth transmitter (top) and receiver (bottom).

Bluetooth Receiver Mode:

To play audio from your smartphone or other Bluetooth device through the CD player's speakers:

1. Short press the **FUNC. button** to select Bluetooth mode. The display will show "BLUE".
2. On your smartphone or Bluetooth device, enable Bluetooth and search for available devices.
3. Select "CD-W16" from the list to connect.
4. Once connected, you can play music from your device, and the audio will output through the CD-W16 speakers.

6.6. USB & TF/SD Card Playback

The unit supports playback from USB drives and TF/SD cards (up to 32GB, not included).

1. Short press the **FUNC. button** to select USB mode or TF/SD card mode. The display will show "USB" or "TF" respectively.
2. Insert your USB drive into the USB port or your TF/SD card into the card slot.
3. The unit will automatically detect and begin playing MP3 audio files.
4. Use the **NEXT (>>|)** and **PREV (|<<)** buttons for track navigation.



Figure 8: The Greadio CD-W16 highlighting its AUX, USB, and TF/SD card input options for multi-mode playback.

6.7. AUX Input

To play audio from an external device via AUX cable:

1. Short press the **FUNC. button** to select AUX mode. The display will show "LINE".
2. Connect one end of the provided AUX cable to the AUX port on the CD-W16.
3. Connect the other end to the audio output of your external device (e.g., smartphone, MP3 player).
4. Play audio on your external device, and it will be output through the CD-W16 speakers.

6.8. Sleep Timer

The sleep timer allows you to set a duration after which the unit will automatically power off.

1. Short press the **SLEEP button** on the remote control. The display will show the current sleep timer setting (e.g., 10, 20, 30 minutes).
2. Use the **NEXT (>>|)** or **PREV (|<<)** buttons to adjust the sleep timer duration (10-120 minutes).
3. Short press the **SLEEP button** again to confirm the setting.



Figure 9: The sleep timer function allows you to set the player to turn off automatically after a set period.

6.9. EQ Sound Modes

Customize your audio experience with five different EQ sound modes.

- Short press the **EQ button** on the unit or remote control to cycle through the available modes: NORMAL, ROCK, POP, JAZZ, and CLASS.

ダブル5Wスピーカー & 耐衝撃設計

35% | より広いサウンドステージ <0.1% | 最大音量時のTHD 96% | 雑音を低減



Figure 10: The Greadio CD-W16 features dual 5W speakers and five EQ modes for enhanced sound quality.

7. MAINTENANCE

7.1. Cleaning

- Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- For the CD lens, use a specialized CD lens cleaner.

- Keep the cassette head clean to ensure optimal playback and recording quality.

7.2. Storage

- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries from the remote control if not used for extended periods.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery depleted or power cable not connected.	Charge the unit or ensure the power cable is securely connected.
CD not playing	CD inserted incorrectly, dirty, scratched, or incompatible format.	Reinsert CD correctly, clean the CD, try a different CD. Ensure it's CD/CD-R/CD-RW.
Cassette not playing/recording	Cassette inserted incorrectly, tape damaged, or dirty head.	Reinsert cassette, try a different tape, clean the cassette head.
Poor FM radio reception	Antenna not extended or weak signal area.	Fully extend the telescopic antenna. Try repositioning the unit.
Bluetooth not connecting	Device not in pairing mode, too far, or already connected to another device.	Ensure both devices are in pairing mode and within range. Disconnect from other devices.
USB/TF/SD card not recognized	Card/drive not inserted correctly, incompatible format, or damaged.	Reinsert, ensure files are MP3 format, try a different card/drive.

9. SPECIFICATIONS

- **Brand:** Greadio
- **Model:** CD-W16
- **Connectivity Technology:** AUX, Bluetooth, USB
- **Color:** Black
- **Speaker Type:** Stereo
- **Power Source:** Battery Powered
- **Compatible Devices:** Smartphones, Tablets, PCs
- **Wattage:** 5 W (Dual 5W speakers)
- **Supported Audio Formats:** CD/CD-R/CD-RW
- **Number of Speakers:** 2
- **Audio Output Mode:** Stereo
- **Battery Capacity:** 5000mAh

- **Charging Time:** Approx. 3 hours
- **Playback Time:** Up to 16 hours
- **FM Frequency Range:** 76-108MHz

10. WARRANTY & SUPPORT

This product comes with a 1-year manufacturer's warranty. For any issues or support inquiries, please contact Greadio customer service.