

CUBETEK PG-675

CUBETEK Grenade 2.0 Portable Hi-Bass FM Radio Speaker User Manual

Model: PG-675

1. INTRODUCTION

Thank you for choosing the CUBETEK Grenade 2.0 Portable Hi-Bass FM Radio Speaker. This device combines a powerful FM radio with a versatile media player, offering high-quality stereo sound in a portable design. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- CUBETEK Grenade 2.0 Portable Hi-Bass FM Radio Speaker
- USB Charging Cable
- Owner's Manual



Figure 2.1: Package Contents. This image displays the CUBETEK Grenade 2.0 speaker, a USB charging cable, and the owner's manual laid out on a white surface.

3. PRODUCT OVERVIEW

The CUBETEK Grenade 2.0 is designed for portability and robust audio performance. It features a durable build, an intuitive control layout, and multiple playback options.



Figure 3.1: Front View of the Speaker. This image shows the speaker from a slight angle, highlighting its dual front speakers, central LCD display, and top-mounted controls.

Key Features:

- **14 Watts Hi-Bass Stereo Sound:** Equipped with dual 7W power drivers and advanced bass radiators for clear, rich sound without distortion.
- **Portable Design:** Compact and rugged, designed for stability and ease of transport.
- **Multi-functional LCD Display:** Shows song names, folder selection, battery indicator, and various settings.
- **Multiple Playback Options:** Supports Bluetooth 5.0, TF Card, and USB Port (up to 32GB).
- **FM Radio:** Auto-tune with built-in high-sensitive antenna, direct station selection via keypad, and station deletion.
- **Additional Features:** Earphone port, call feature via Bluetooth, SLEEP mode, A-B repeat, Voice Recording, brightness adjustment, and PC Connect for song transfer.
- **Type C Charging:** Modern and convenient charging interface.

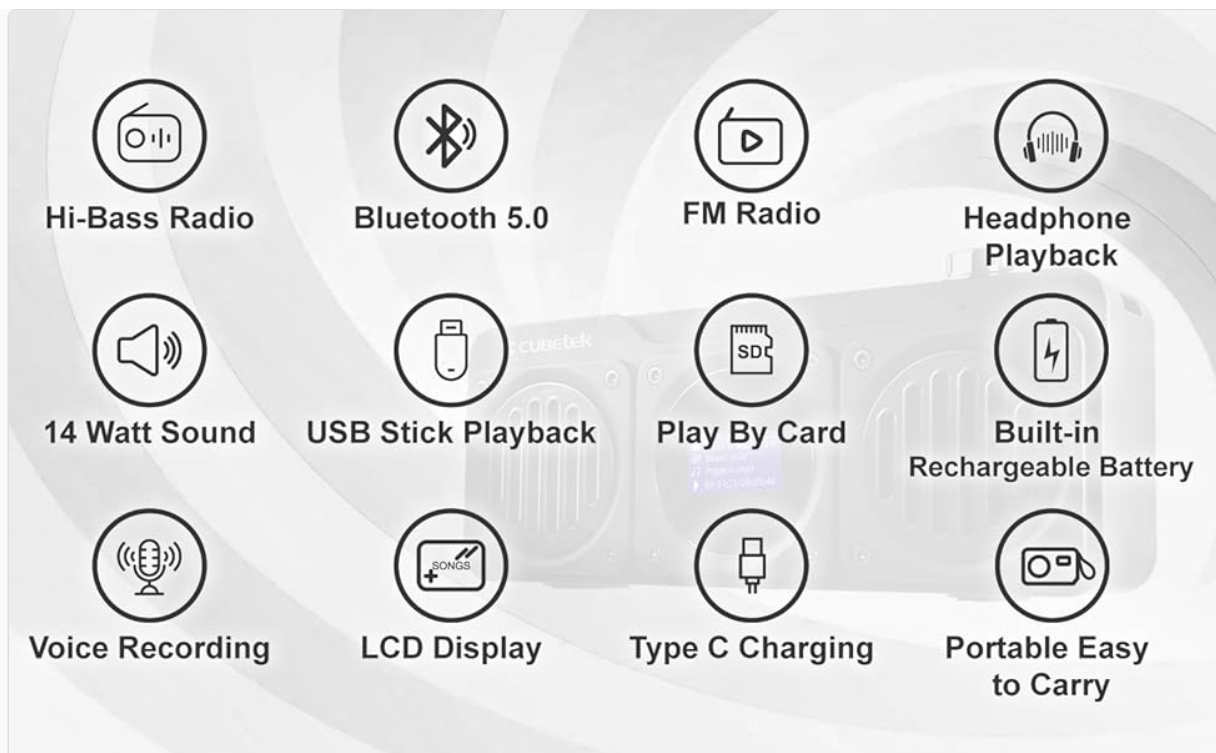


Figure 3.2: Feature Icons. This graphic illustrates the main functionalities including Hi-Bass Radio, Bluetooth 5.0, FM Radio, Headphone Playback, 14 Watt Sound, USB Stick Playback, Play by Card, Built-in Rechargeable Battery, Voice Recording, LCD Display, Type C Charging, and Portable Easy to Carry.



Figure 3.3: 45mm Dual Driver Real Stereo Sound. This diagram highlights the internal structure of the speaker, showing the two 45mm drivers and the sound dispersion for a stereo audio experience.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the device. Connect the supplied USB Type-C charging cable to the speaker's Type-C port and the other end to a compatible USB power adapter (not included) or a computer's USB port. The LCD display will indicate charging status. A full charge typically takes several hours.



Figure 4.1: Type-C Charging Port. This image provides a detailed view of the Type-C charging port located on the speaker, along with the rotary volume control and number keypad.

4.2 Power On/Off

To power on the device, rotate the rotary knob clockwise. To power off, rotate the rotary knob counter-clockwise until it clicks.

5. OPERATING INSTRUCTIONS

5.1 General Controls

- **Rotary Knob:** Controls power on/off and volume adjustment.
- **Number Keypad:** Used for direct FM station selection, song selection, and other numerical inputs.
- **Mode (M) Button:** Cycles through available modes (FM, Bluetooth, USB, TF Card).
- **Play/Pause Button:** Controls playback in media modes.
- **Previous/Next Buttons:** Navigates tracks or FM stations.

5.2 FM Radio Mode

Gata rahe mera dil...

POWERFUL FM RADIO, HIGH SENSITIVITY BUILT-IN ANTENNA

(FM only, No AM).

AUTO SCAN / Easy Direct Station Scan

Ye aakaashwani hai...



Geetmala ki chaav mein...

Ameen Sayani ke saath

Figure 5.1: FM Radio Display. This image shows the speaker's LCD screen displaying an FM frequency, indicating it is in radio mode.

1. **Switching to FM Mode:** Press the **M** (Mode) button until "FM" appears on the LCD display.
2. **Auto-Scan:** In FM mode, press and hold the Play/Pause button to initiate an automatic scan for available FM stations. The device will scan and save stations with strong signals.
3. **Manual Tuning:** Use the Previous/Next buttons to fine-tune the frequency or navigate through saved stations.
4. **Direct Station Selection:** Use the number keypad to directly enter the frequency of a desired FM station.
5. **Deleting Stations:** Refer to the on-screen menu or specific instructions in the full owner's manual for deleting unwanted scanned stations.



Figure 5.2: Portable High Sensitivity FM Radio. This graphic illustrates the speaker's capability to receive FM signals, showing frequency waves emanating from the device.

5.3 Bluetooth Mode

1. **Switching to Bluetooth Mode:** Press the **M** (Mode) button until "BT" or a Bluetooth icon appears on the LCD display. The device will enter pairing mode.
2. **Pairing:** On your smartphone or other Bluetooth-enabled device, search for available Bluetooth devices and select "CUBETEK Grenade 2.0" to pair.
3. **Playback:** Once paired, you can play audio from your connected device. Use the speaker's controls or your device's controls for playback.
4. **Call Feature:** The speaker supports hands-free calling when connected via Bluetooth.

5.4 USB / TF Card Mode



Figure 5.3: USB and TF Card Slots. This image highlights the input ports for USB drives and TF (microSD) cards, indicating the device's media playback capabilities.

1. **Inserting Media:** Insert a USB flash drive or a TF (microSD) card (up to 32GB) into the corresponding slot. The device will automatically switch to USB or TF Card mode, or you may need to select it using the **M** button.
2. **Folder Navigation:** The LCD display allows you to view song names and navigate through folders. Use the navigation buttons to browse.
3. **Song Selection:** Select songs directly from the display or use the number keypad for quick access.

LCD DISPLAY



Figure 5.4: LCD Display Functionality. This image shows the speaker's LCD display interface, illustrating how music information, folder names, and playback status are presented.

5.5 Earphone Port

Connect wired earphones to the dedicated earphone port for private listening. The speaker's sound output will automatically switch to the earphones.

5.6 Special Features

- **SLEEP Mode:** Allows you to set a timer for the device to automatically power off. Consult the full manual for specific settings.
- **A-B Repeat:** Enables repeating a specific segment of an audio track.
- **Voice Recording:** The device supports voice recording functionality. Refer to the manual for instructions on how to activate and manage recordings.
- **Brightness Adjustment:** Adjust the brightness of the LCD display for comfort.
- **PC Connect:** Connect the speaker to a computer via the USB cable to transfer songs to/from a connected TF card or USB drive.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use harsh chemicals or abrasive

cleaners.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Storage:** Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

- **No Power:** Ensure the device is charged. Check the rotary knob is turned to the ON position.
- **No Sound:** Check the volume level. Ensure the correct mode is selected. If using Bluetooth, verify the device is paired and connected.
- **Poor FM Reception:** Reposition the speaker. The USB charging cable can be connected to the charging port and extended to act as an external antenna for improved reception.
- **Bluetooth Pairing Issues:** Ensure the speaker is in Bluetooth mode and discoverable. Turn off and on Bluetooth on your connecting device.
- **USB/TF Card Not Reading:** Ensure the media is inserted correctly. Check if the file format is supported. The card/drive should be formatted to FAT32.

8. SPECIFICATIONS

Feature	Specification
Brand	CUBETEK
Model	PG-675
Hardware Interface	Bluetooth, Headphone, USB 2.0
Tuner Technology	FM
Special Features	Built-In FM Antenna, Portable, Rechargeable
Display Technology	LCD
Speakers Maximum Output Power	14 Watts (Dual 7W drivers)
Voltage	5 Volts
Power Source	Battery Powered
FM Frequencies	87.5 MHz (Range not specified, typical FM band)
Radio Bands Supported	1-Band (FM only)
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	450 g
Product Dimensions	18.8L x 5.2W x 8.6H Centimeters
Connectivity Technology	FM, Bluetooth

9. WARRANTY AND SUPPORT

The CUBETEK Grenade 2.0 Portable Hi-Bass FM Radio Speaker comes with a **1-year complete warranty** from the date of purchase. For warranty claims, technical support, or any inquiries, please contact the manufacturer:

Manufacturer: Melody Electronics

Address: Bangalore, India

Website: www.melodymedia.in

Telephone: 6363772699

Please retain your purchase receipt as proof of purchase for warranty purposes.

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