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iball IBALL_THUNDER_2.1

iBall Thunder 2.1 Channel Bluetooth Multimedia Speaker User Manual

Model: IBALL_THUNDER_2.1

Introduction	Package Contents	Setup	Operating Instructions	Connectivity	Controls
	Specifications	Maintenance	Troubleshooting	Warranty & Support	

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your iBall Thunder 2.1 Channel Bluetooth Multimedia Speaker. Please read this manual thoroughly before using the product and retain it for future reference.



Figure 1: iBall Thunder 2.1 Channel Bluetooth Multimedia Speaker system.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Subwoofer Speaker - 1 unit
- Satellite Speaker - 2 units
- Audio Cable - 1 unit
- Remote Control - 1 unit
- User Manual - 1 unit

3. SETUP

Follow these steps to set up your iBall Thunder 2.1 speaker system:

1. **Placement:** Position the subwoofer on a stable, flat surface. Place the two satellite speakers on either side of the subwoofer for optimal stereo sound.
2. **Connect Satellite Speakers:** Connect the satellite speakers to the "OUTPUT" ports on the rear of the subwoofer using the provided cables. Ensure a secure connection.
3. **Connect Audio Source:**
 - For wired connection, use the audio cable to connect your device (e.g., smartphone, tablet, computer) to the "INPUT" ports on the rear of the subwoofer.
 - For wireless Bluetooth connection, refer to the "Operating Instructions" section.
4. **Power Connection:** Plug the power cable into a standard AC power outlet.
5. **Power On:** Flip the power switch on the rear of the subwoofer to the "ON" position.



Figure 2: Rear panel connections of the subwoofer.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

To power on or off the speaker system, use the power switch located on the rear panel of the subwoofer.

4.2 Mode Selection

The speaker system supports multiple playback options. Use the "Mode" button on the remote control or the control panel on the subwoofer to switch between Bluetooth (BT), USB, SD/MMC, AUX, and FM radio modes.

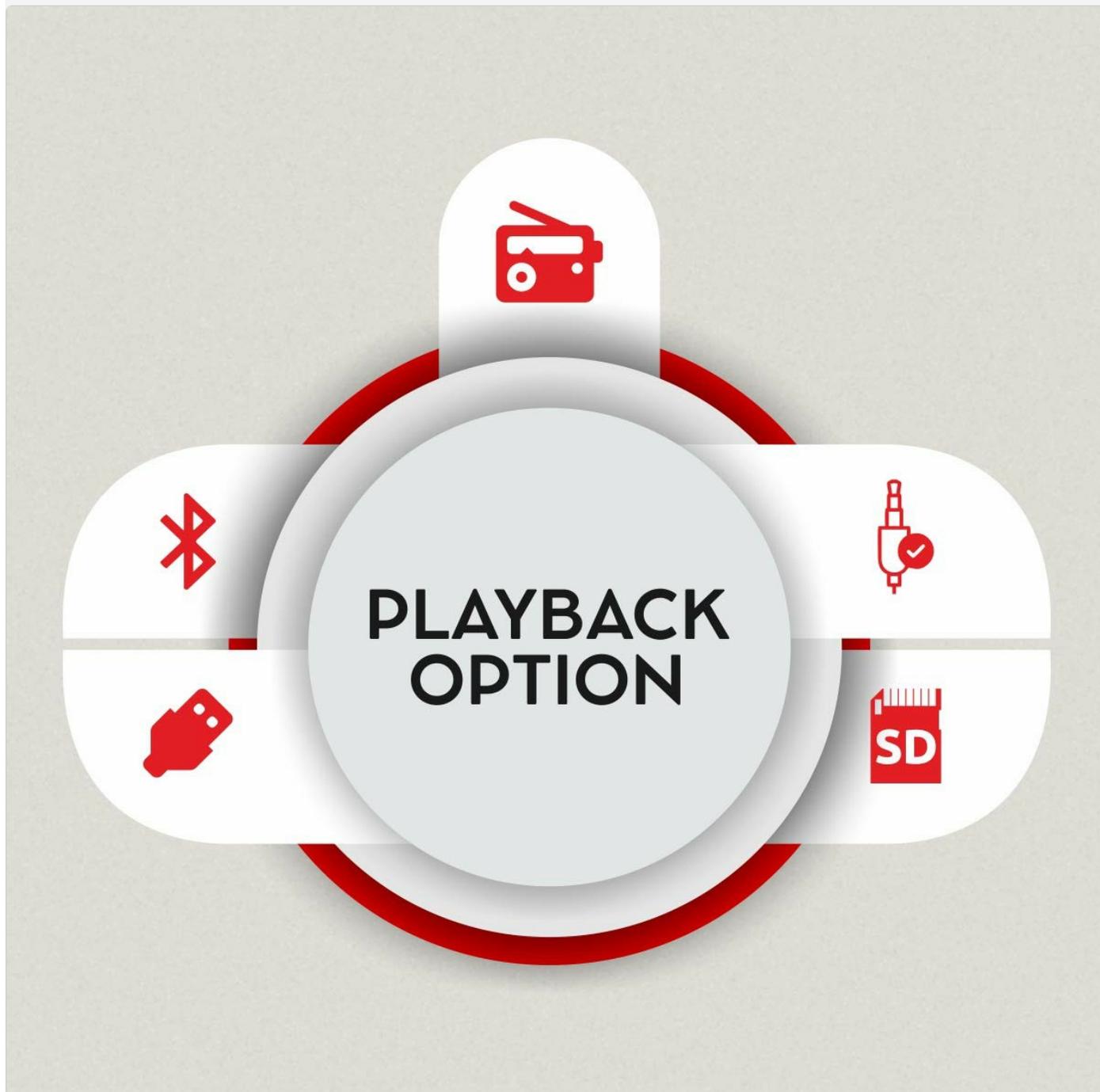


Figure 3: Available playback options.

4.3 Bluetooth Pairing

1. Switch the speaker system to Bluetooth mode. The display will show "BT" and the indicator light will flash, indicating it's ready for pairing.
2. On your device (smartphone, tablet), enable Bluetooth and search for available devices.
3. Select "iBall Thunder" from the list of devices.
4. Once paired, the indicator light will stop flashing, and you will hear a confirmation tone.

4.4 USB/SD/MMC Playback

Insert a USB drive or SD/MMC card containing audio files into the respective slot on the subwoofer. The system will automatically switch to USB/SD/MMC mode and begin playback. Use the remote or control panel to navigate tracks.

4.5 FM Radio

In FM mode, the system will automatically scan and save available radio stations. Use the remote control to change stations.

5. CONNECTIVITY

The iBall Thunder 2.1 speaker system offers versatile connectivity options:

- **Bluetooth:** Wireless connection for smartphones, tablets, and other Bluetooth-enabled devices.
- **USB:** Play audio directly from USB flash drives.
- **SD/MMC Card:** Play audio directly from SD or MMC memory cards.
- **AUX (Auxiliary Input):** Wired connection for devices via a 3.5mm audio jack.
- **FM Radio:** Built-in FM tuner for radio broadcasts.

6. CONTROLS

The speaker system can be controlled via the integrated control panel on the subwoofer or the included remote control.

6.1 Subwoofer Control Panel

- **Volume Dial:** Adjusts the master volume.
- **Play/Pause:** Starts or pauses playback.
- **Previous/Next:** Skips to the previous or next track/station.
- **Mode:** Switches between input sources (BT, USB, SD/MMC, AUX, FM).

6.2 Remote Control

The remote control provides full functionality for convenient operation:

- Power On/Off
- Mode Selection
- Volume Up/Down
- Play/Pause
- Previous/Next Track
- Bass Control
- Treble Control
- Mute
- Numeric Keypad for direct track/station selection

Control multiple functions with ease via **REMOTE CONTROL**

- Play/ Pause
- Previous/ Next
- Volume +/-
- Bass
- Treble



Figure 4: Remote control for iBall Thunder 2.1 Speaker.

7. SPECIFICATIONS

Feature	Description
Model Name	iBall Thunder
Model Number	IBALL_THUNDER_2.1
Speaker Type	2.1 Channel Multimedia Speaker System (Subwoofer with 2 Satellite Speakers)
Audio Output Mode	Stereo
Total Audio Wattage (RMS)	40 Watts (Subwoofer: 20W, Satellites: 10W x 2)
Frequency Response	55 Hz ~ 20 kHz

Feature	Description
Signal-to-Noise Ratio (S/N)	>= 70 dB
Connectivity Technology	Bluetooth, USB, SD/MMC, Auxiliary (AUX), FM Radio
Wireless Type	Bluetooth
Control Method	Remote Control, Integrated Control Panel
Special Features	RGB LED Illuminated Subwoofer, Bass and Treble Controls
Compatible Devices	Smartphone, Tablet, PC, MP3 Player
Power Source	AC (230 Volts)
Product Dimensions (Subwoofer)	15D x 26.5W x 26H Centimeters
Item Weight	4.17 kg
Color	Black
Country of Origin	China

8. MAINTENANCE

To ensure the longevity and optimal performance of your speaker system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the speakers. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure adequate ventilation around the subwoofer to prevent overheating. Do not block the ventilation ports.
- **Storage:** When not in use for extended periods, store the speakers in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power Off:** Always power off the system and unplug it from the power outlet before cleaning or performing any maintenance.

9. TROUBLESHOOTING

If you encounter issues with your iBall Thunder 2.1 speaker system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off	Ensure power cable is securely plugged in; Turn the power switch to "ON".
No sound	Volume too low; Incorrect input mode; Loose audio cables; Device not playing audio	Increase volume; Select correct input mode (BT, AUX, USB, SD, FM); Check all cable connections; Ensure audio is playing on the connected device.
Bluetooth pairing failure	Speaker not in pairing mode; Device Bluetooth off; Too far from speaker	Ensure speaker is in BT mode and flashing; Enable Bluetooth on your device; Move device closer to the speaker (within 10 meters).

Problem	Possible Cause	Solution
Poor FM reception	Weak signal; Antenna not extended	Adjust the position of the FM antenna; Try repositioning the speaker for better signal.
Remote control not working	Batteries drained; Obstruction between remote and speaker; Remote sensor blocked	Replace remote control batteries; Remove any obstructions; Ensure the remote sensor on the speaker is clear.

10. WARRANTY & SUPPORT

Warranty: A 1-year warranty is provided by the manufacturer from the date of purchase. Please retain your purchase receipt for warranty claims.

Customer Support: For any product-related complaints, feedback, or assistance, please contact iBall customer care. You can find contact details on the product packaging or the official iBall website.

Manufacturer: iBall, 87, Mistry Industrial Complex, MIDC Cross Road "A" Andheri (E), Mumbai 400 093. Maharashtra India.

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