beFree Sound BFS-22

beFree Sound BFS-22 2.1 Channel Bluetooth Speaker System User Manual
Model: BFS-22

1. INTRODUCTION

Thank you for purchasing the beFree Sound BFS-22 2.1 Channel Bluetooth Speaker System. This manual provides important information regarding the setup, operation, and maintenance of your new speaker system. Please read this manual thoroughly before using the product to ensure proper function and to maximize your listening experience.

2. IMPORTANT SAFETY INFORMATION

- **Electrical Safety:** To reduce the risk of electric shock, do not open the speaker cabinet. Refer all servicing to qualified service personnel.

- **Power Source:** Ensure the power source matches the voltage requirements specified on the unit (AC 110V/60Hz).

- **Placement:** Place the unit on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in areas with excessive moisture or dust.

- **Ventilation:** Do not block any ventilation openings. Proper ventilation is essential for preventing overheating.

- **Cleaning:** Unplug the unit from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.

- **Batteries:** The remote control requires 2 AAA batteries. Ensure correct polarity when inserting batteries. Do not mix old and new batteries.

3. PACKAGE CONTENTS

Please check that all items listed below are included in your package:

- 1 x Main Subwoofer Unit

- 2 x Satellite Speakers

- 1 x Remote Control

- 1 x User Manual (this document)

- 1 x Audio Cable (RCA to 3.5mm or RCA to RCA, depending on model variant)

- 1 x FM Antenna Cable

4. PRODUCT OVERVIEW

4.1 Main Unit (Subwoofer)

The main unit houses the amplifier and subwoofer, along with all control interfaces and input/output ports.

Figure 1: Front panel of the main unit with controls.

Front Panel Controls and Ports:

- **Power/Mode Button:** Press to switch between modes (Bluetooth, USB, SD, FM, AUX). Long press to power on/off.
- **Play/Pause Button:** Play or pause audio playback.
- **Previous/Volume Down Button:** Short press for previous track/station. Long press to decrease volume.
- **Next/Volume Up Button:** Short press for next track/station. Long press to increase volume.
- **SD/MMC Card Slot:** Insert SD or MMC cards for audio playback.
- **USB Port:** Insert USB flash drives for audio playback.
- **Treble Knob:** Adjusts the high-frequency audio output.
- **Bass Knob:** Adjusts the low-frequency audio output.

Figure 2: Rear panel of the main unit with connections.

Rear Panel Connections:

- **FM ANT:** Connect the provided FM antenna for radio reception.
- **OUTPUT (L/R):** Connect the satellite speakers here.
- **INPUT (L/R):** Connect external audio sources (e.g., TV, DVD player) using RCA cables.
- **AC IN:** Connect the power cord to a wall outlet.
- **POWER SWITCH:** Main power on/off switch for the unit.

4.2 Satellite Speakers

The two satellite speakers provide stereo sound and connect to the main subwoofer unit.

Figure 3: One of the satellite speakers.

4.3 Remote Control

The remote control allows convenient operation of the speaker system from a distance.

Figure 4: Remote control layout.

Remote Control Functions:

- **Power Button:** Turns the unit on or off.
- **USB/SD/FM/AUX/BT Buttons:** Direct selection of input modes.

- **VOL+/VOL-:** Adjusts the master volume.

- **Previous/Next:** Skips tracks or FM stations.

- **Play/Pause:** Plays or pauses audio.

- **EQ:** Cycles through equalizer presets.

- **DISP:** Changes display information (if applicable).

- **REPEAT:** Repeats current track or all tracks.

- **TUNE+/TUNE-:** Manually tunes FM radio frequencies.

- **AUTO:** Auto-scans and saves FM radio stations.

- **SAVE:** Saves current FM station.

- **CH+/CH-:** Navigates through saved FM stations.

- **Number Pad (0-9):** Direct track selection or FM station input.

- **RESET:** Resets settings (refer to specific function in manual).

- **MUTE:** Mutes or unmutes audio.

5. SETUP

5.1 Connecting the Satellite Speakers

1. Locate the OUTPUT (L/R) ports on the rear panel of the main subwoofer unit.

2. Connect the left satellite speaker to the 'L' output port.

3. Connect the right satellite speaker to the 'R' output port.

4. Position the satellite speakers to the left and right of your listening area for optimal stereo separation.

5.2 Connecting the FM Antenna

1. Insert the FM antenna cable into the 'FM ANT' port on the rear panel.

2. Extend the antenna fully and position it for best reception.

5.3 Connecting External Audio Sources (AUX)

1. Use the provided audio cable (or a compatible RCA cable) to connect your external device (e.g., TV, smartphone, DVD player) to the 'INPUT (L/R)' ports on the rear panel of the main unit.

2. Ensure the left and right channels are connected correctly.

5.4 Power Connection

1. Ensure the POWER SWITCH on the rear panel is in the 'OFF' position.

2. Connect the power cord to the 'AC IN' port on the rear panel.

3. Plug the other end of the power cord into a standard AC 110V/60Hz wall outlet.

Figure 5: The complete BFS-22 speaker system.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

1. Flip the POWER SWITCH on the rear panel to the 'ON' position.

2. Press and hold the Power/Mode button on the front panel or the Power button on the remote control to turn the unit on.

3. To turn off, press and hold the Power/Mode button on the front panel or the Power button on the remote control. For complete power disconnection, turn off the POWER SWITCH on the rear.

6.2 Mode Selection

Press the Power/Mode button on the front panel or the corresponding mode button (USB, SD, FM, AUX, BT) on the remote control to cycle through the available input modes: Bluetooth, USB, SD, FM Radio, and AUX Input.

6.3 Bluetooth Operation

1. Switch the speaker system to Bluetooth mode (the display will show 'BT').

2. Enable Bluetooth on your mobile device (smartphone, tablet, etc.).

3. Search for Bluetooth devices and select 'BFS-22' from the list.

4. Once paired, you can play audio from your device through the speaker system.

5. Use the Play/Pause, Previous, and Next buttons on the unit or remote to control playback.

6.4 USB/SD Card Playback

1. Insert a USB flash drive into the USB port or an SD/MMC card into the SD/MMC card slot.

2. The system will automatically switch to USB or SD mode and begin playing compatible audio files. If not, manually select the mode.

3. Use the Play/Pause, Previous, and Next buttons on the unit or remote to control playback.

6.5 FM Radio Operation

1. Switch the speaker system to FM mode.

2. **Auto Scan:** Press the 'AUTO' button on the remote control to automatically scan and save available FM stations.

3. **Manual Tuning:** Use the 'TUNE+' or 'TUNE-' buttons on the remote to manually adjust the frequency.

4. **Station Navigation:** Use the 'CH+' or 'CH-' buttons on the remote to cycle through saved stations.

6.6 Volume, Treble, and Bass Adjustment

- **Volume:** Use the 'VOL+' and 'VOL-' buttons on the front panel or remote control to adjust the overall volume.

- **Treble:** Rotate the 'TREBLE' knob on the front panel to increase or decrease high-frequency sounds.

- **Bass:** Rotate the 'BASS' knob on the front panel to increase or decrease low-frequency sounds.

7. MAINTENANCE

- **Cleaning:** Always unplug the unit before cleaning. Use a soft, dry, lint-free cloth to wipe the surfaces. Do not use abrasive cleaners, waxes, or solvents.

- **Storage:** If the unit will not be used for an extended period, unplug it from the power outlet and store it in a cool, dry place.

- **Ventilation:** Ensure that the ventilation openings on the unit are not blocked by dust or debris.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Rear power switch off; Wall outlet no power	Check power cord connection; Turn on rear power switch; Test wall outlet with another device
No sound	Volume too low; Mute activated; Incorrect input mode; Loose audio cables; Satellite speakers not connected	Increase volume; Deactivate mute; Select correct input mode; Check all audio cable connections; Ensure satellite speakers are connected to OUTPUT ports
Bluetooth pairing failed	Speaker not in Bluetooth mode; Device Bluetooth off; Speaker too far from device	Switch speaker to BT mode; Enable Bluetooth on your device; Move device closer to speaker (within 10 meters)
USB/SD not playing	Incorrect mode; Incompatible file format; Corrupted USB/SD card	Select USB/SD mode; Ensure files are MP3 or WMA format; Try another USB/SD card
Poor FM reception	FM antenna not connected or poorly positioned; Weak signal	Connect and adjust FM antenna position; Try auto-scan or manual tuning
Remote control not working	Batteries depleted or incorrectly inserted; Obstruction between remote and unit; Remote too far	Replace batteries (2 AAA); Ensure clear line of sight; Move closer to the unit

9. SPECIFICATIONS

- **Model:** BFS-22

- **Speaker Type:** 2.1 Channel Bluetooth Speaker System

- **Output Power:** 10W (Subwoofer) + 5W x 2 (Satellites)

- **Frequency Response:** 40Hz - 20KHz

- **Separation:** ≥50dB

- **S/N Ratio:** ≥75dB

- **Speaker Size:** 4-inch amplifier x1, 2.5-inch speakers x2

- **Connectivity:** Bluetooth, USB, SD Card, FM Radio, AUX Input (RCA)

- **Power Source:** Corded Electric (AC 110V/60Hz)

- **Remote Control Batteries:** 2 x AAA (not included)

- **Product Dimensions:** 14.15 x 10 x 6.3 inches (Main Unit)

- **Item Weight:** 6.3 pounds

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your purchase or contact beFree Sound customer support. If you encounter any issues or have questions not covered in this manual, please contact our customer service department for assistance.

Manufacturer: beFree Sound