

IBELL DXP650

IBELL DXP 650 Car Audio System User Manual

Model: DXP650

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your IBELL DXP 650 Car Audio System. Please read this manual thoroughly before using the product to ensure proper function and to prevent damage. Keep this manual for future reference.

The IBELL DXP 650 is a car audio player designed to provide in-car entertainment with multiple connectivity options including Bluetooth, FM Radio, USB, AUX, and SD card support. It features a digital LCD display, illuminated buttons, and comes with a remote control for convenient operation.

2. SAFETY INFORMATION

- **Installation:** Ensure professional installation to avoid electrical damage or vehicle malfunction. Incorrect wiring can cause fire or other hazards.
- **Power Supply:** Connect the unit to a 12V DC car battery with a negative ground.
- **Volume Control:** Do not operate the unit at excessively high volume levels, as this may impair your ability to hear external traffic sounds and could lead to accidents.
- **Moisture:** Keep the unit away from water and excessive moisture to prevent electric shock or damage.
- **Cleaning:** Use a soft, dry cloth for cleaning. Avoid abrasive cleaners or solvents.
- **Hands-Free Calling:** Utilize the hands-free calling feature via Bluetooth for safe communication while driving.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- IBELL DXP 650 Car Audio System Unit
- Remote Control

- Wiring Harness
- Mounting Hardware (if applicable)
- User Manual

4. PRODUCT OVERVIEW

The IBELL DXP 650 Car Audio System features a user-friendly front panel with a digital LCD display and illuminated buttons for easy navigation and control.



Figure 4.1: Front panel of the IBELL DXP 650 Car Audio System, highlighting the USB, AUX, MP3, and FM input options.

Key Features:

- Bluetooth Connectivity for audio streaming and hands-free calling.
- FM Radio with clear reception.
- Dual USB Ports for music playback and device charging.
- AUX Input for connecting external audio devices.
- SD Card Slot for media playback.

- Digital LCD Display with blue light buttons.
- Built-in Equalizer with preset sound modes.
- Remote Control for convenient operation.



Figure 4.2: The IBELL DXP 650 Car Audio System shown with its included remote control.

5. SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your car audio system. It is recommended to have the unit installed by a qualified professional.

5.1 Dimensions



Figure 5.1: Physical dimensions of the IBELL DXP 650 Car Audio System: 18.5 cm (Depth) x 13.5 cm (Width) x 5 cm (Height).

Ensure that your car's dashboard opening can accommodate these dimensions for a proper fit.

5.2 Wiring Connections

Refer to the wiring diagram provided with your unit for specific connections. General connections include:

- **Power (Yellow):** Connect to constant 12V power.
- **Ground (Black):** Connect to vehicle chassis ground.
- **Accessory (Red):** Connect to switched 12V power (ignition).
- **Antenna (Blue):** Connect to power antenna or amplifier remote turn-on.
- **Speaker Wires:** Connect to appropriate speaker outputs (Front Left, Front Right, Rear Left, Rear Right). Ensure correct polarity.

Warning: Incorrect wiring can cause severe damage to the unit or vehicle electrical system. Consult a professional if you are unsure about any connections.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- Press the **POWER/MODE** button to turn the unit ON.
- Press and hold the **POWER/MODE** button to turn the unit OFF.

6.2 Source Selection

Press the **MODE** button repeatedly to cycle through available sources: FM, Bluetooth (BT), USB, SD, and AUX.

6.3 FM Radio Operation

- **Auto Scan:** In FM mode, press and hold the **BAND/AMS** button to automatically scan and store strong stations.
- **Manual Tuning:** Use the **PREV** or **NEXT** buttons to manually tune to desired frequencies.
- **Preset Stations:** Use the numeric buttons (1-6) on the remote or front panel to select stored stations.

6.4 Bluetooth Operation

- **Pairing:** Select BT mode. On your mobile device, search for Bluetooth devices and select "IBELL DXP 650". Enter "0000" if a password is required.
- **Audio Streaming:** Once paired, audio from your device will play through the car audio system. Use the **PREV**, **NEXT**, and **PLAY/PAUSE** buttons for control.
- **Hands-Free Calling:** When a call comes in, press the **CALL** button (usually on the remote or front panel) to answer. Press again to end the call.

6.5 USB/SD Card Playback

- Insert a USB drive into a USB port or an SD card into the SD card slot. The unit will automatically switch to USB/SD mode and begin playback.
- Use the **PREV**, **NEXT**, and **PLAY/PAUSE** buttons to control playback.
- The dual USB ports allow for simultaneous music playback from one port and device charging from the other.

6.6 AUX Input

Connect an external audio device (e.g., smartphone, MP3 player) to the AUX-IN port using a 3.5mm audio cable. Select AUX mode on the unit to play audio from the connected device.

6.7 Equalizer Settings

Press the **EQ** button (if available) or navigate through the menu to access equalizer settings. Select from preset sound modes such as Rock, Pop, Classical, or Flat to adjust the audio output.

6.8 Remote Control Usage

The included remote control provides access to most functions. Point the remote directly at the unit's IR sensor for optimal response. Functions include power, mode selection, volume control, track/station navigation, and call handling.

7. MAINTENANCE

- **Cleaning:** Wipe the unit's front panel with a soft, dry cloth. Do not use harsh chemicals, solvents, or abrasive cleaners.
- **USB/SD Ports:** Keep USB ports and SD card slots free from dust and debris.
- **Battery Replacement (Remote):** If the remote control stops responding, replace its battery with a new one of the same type.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle battery low.	Check power and ground connections. Replace fuse if blown. Check vehicle battery.
No sound	Speaker wires disconnected; Volume too low; Incorrect source selected.	Check speaker connections. Increase volume. Select correct audio source.
Bluetooth not connecting	Device not in pairing mode; Incorrect pairing code; Bluetooth interference.	Ensure unit is in BT mode and device is discoverable. Re-enter pairing code "0000". Move closer to the unit.
USB/SD not playing	Unsupported file format; Corrupted media; Incorrectly inserted.	Ensure media contains MP3 files. Reinsert USB/SD card. Try a different USB/SD card.
Remote control not working	Battery depleted; Obstruction between remote and unit; Remote not pointed correctly.	Replace remote battery. Remove any obstructions. Point remote directly at the unit's IR sensor.

9. SPECIFICATIONS

Feature	Specification
Brand	IBELL
Model Number	DXP650
Connectivity Technology	Bluetooth, USB, 3.5mm Jack
Special Features	Compact Design, Equalizer, SD Card Input
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Colour	Black
Product Dimensions (D x W x H)	18.5D x 13.5W x 5H Centimeters
Output Power	200 Watts
Number of Channels	2
Control Method	Remote, Touch
Audio Output Type	Headphones, Speakers

Feature	Specification
Format	MP3 Audio
Item Weight	0.45 Kilograms
Country of Origin	China

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The IBELL DXP 650 Car Audio System comes with a **2-Year Warranty**, which includes a 1-Year Standard Warranty and an additional 1-Year Warranty upon registration. Registration must be completed within 30 days from the date of purchase to avail the extended warranty.



Figure 10.1: Warranty details for the IBELL DXP 650 Car Audio System.

10.2 Customer Support

For any queries, technical assistance, or warranty claims, please contact IBELL customer support:

- **Manufacturer:** Innovative Technologies
- **Address:** Fida's Building, Thottumugham P.O, Aluva, Kerala - 683105
- **Phone:** 1800 2020 260
- **Email:** connect@ibellstore.com