

Edifier M90

Edifier M90 Computer Speakers User Manual

Model: M90

INTRODUCTION

Thank you for purchasing the Edifier M90 Computer Speakers. This manual provides essential information for the safe and efficient use of your new audio system. Please read these instructions thoroughly before operation and retain them for future reference.

WHAT'S IN THE BOX

What's in the Box

Passive Speaker x 1
Active Speaker x 1
Power Cord (1.8m) x 1
Speaker Connecting Cable (5m) x 1
Fiber Optic Audio Cable (1.5m) x 1
USB-C to USB-C Cable (1.2m) x 1
3.5mm to RCA Audio Cable (1.7m) x 1
3.5mm to 3.5mm Audio Cable (1.7m) x 1
Remote Control x 1
AAA Battery x 2
Quick Start Guide x 1
Important Safety Instructions x 1



The Edifier M90 package includes the following items:

- Passive Speaker x 1
- Active Speaker x 1
- Power Cord (1.8m) x 1
- Speaker Connecting Cable (5m) x 1
- Fiber Optic Audio Cable (1.5m) x 1
- USB-C to USB-C Cable (1.2m) x 1

- 3.5mm to RCA Audio Cable (1.5m) x 1
- 3.5mm to 3.5mm Audio Cable (1.7m) x 1
- Remote Control x 1
- AAA Battery x 2
- Quick Start Guide x 1
- Important Safety Instructions x 1

Please ensure all components are present and in good condition upon unboxing.

PRODUCT OVERVIEW

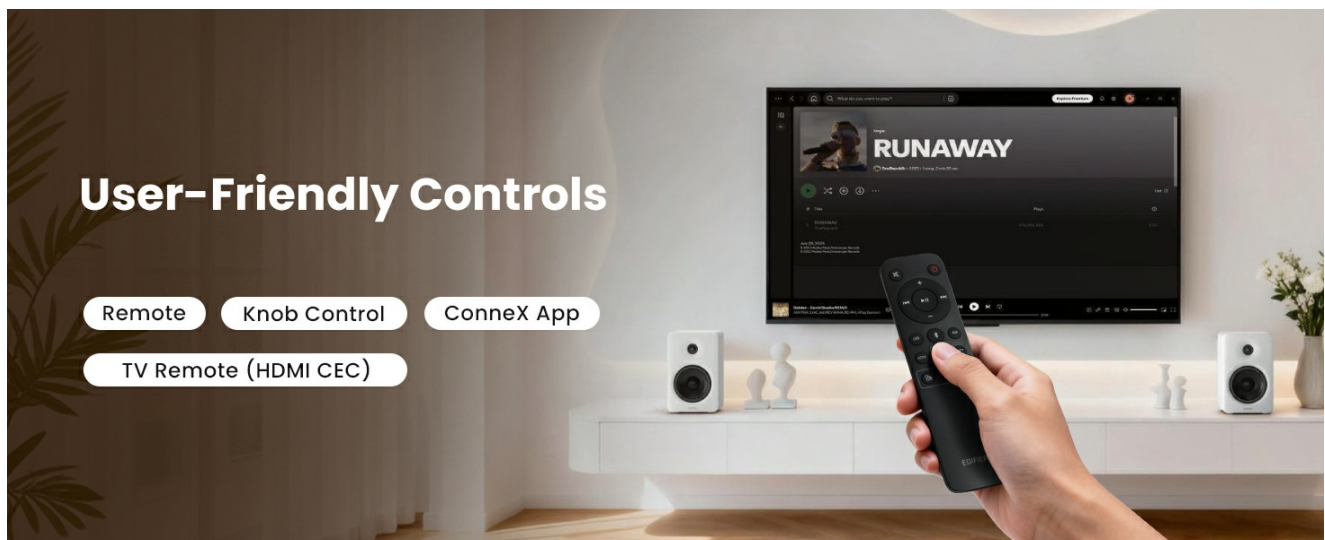
Acoustic Design



The Edifier M90 speakers feature a powerful acoustic design for clear and dynamic sound:

- **1-inch Silk Dome Tweeters:** For crisp and detailed high frequencies.
- **4-inch Aluminum Mid-bass Drivers:** For rich and accurate mid-range and bass response.
- **100W RMS Output:** Powered by dual Class-D amplifiers for robust sound.

Control Interface



Control your M90 speakers using the following methods:

- **Onboard Control Knob:** Located on the active speaker for volume adjustment and input selection.

- **2.4GHz Remote Control:** Provides full command over volume, input, and sound presets.
- **Edifier ConneX App:** Available for smartphones, allowing customization of EQ settings and other preferences (EQ editing works in Bluetooth mode only; saved custom EQ is accessible for all inputs via remote).
- **TV Remote (HDMI CEC):** When connected via HDMI eARC, your TV remote can control the speaker volume.

Rear Panel Connections



The active speaker's rear panel provides multiple connectivity options:

- **HDMI eARC Port:** For high-quality audio connection to compatible TVs.
- **Optical Input:** For digital audio sources.
- **USB-C Input:** For digital audio from computers or other devices.
- **AUX Input:** For analog audio sources via 3.5mm jack.
- **SUB OUT Port:** For connecting an external powered subwoofer.
- **Speaker Output:** Connects to the passive speaker.

SETUP

Speaker Placement



The compact design of the M90 speakers allows for versatile placement. For optimal sound, consider the following:

- Place speakers on a stable, flat surface.
- Position them at ear level when seated.

- Maintain an equal distance between the speakers and your listening position to create a balanced stereo image.
- Avoid placing speakers directly against a wall or in a corner, as this can overemphasize bass.

Connecting the Speakers

1. Connect the active speaker (with controls and inputs) to the passive speaker using the provided speaker connecting cable. Ensure the correct polarity (+ to + and - to -).
2. Plug the power cord into the active speaker and then into a wall outlet.

Connecting Audio Sources

The M90 speakers offer multiple input options:

- **HDMI eARC:** Use the HDMI eARC port for connecting to compatible televisions. This allows for high-quality audio and TV remote control of speaker volume.
- **Optical:** Connect to digital audio sources like game consoles or TVs using the optical cable.
- **USB-C:** For direct digital audio connection to computers, laptops, or other USB-C enabled devices.
- **AUX:** Use the 3.5mm to 3.5mm or 3.5mm to RCA cable to connect to analog audio sources such as smartphones, tablets, or record players.
- **Bluetooth:** For wireless audio streaming from Bluetooth-enabled devices.

Subwoofer Connection (Optional)



To enhance bass performance, you can connect an external powered subwoofer to the dedicated SUB OUT port on the active speaker. Use an RCA cable (not included) to connect the SUB OUT port to the input of your subwoofer.

OPERATING INSTRUCTIONS

Power On/Off

Press the power button on the remote control or the control knob on the active speaker to turn the speakers on or off.

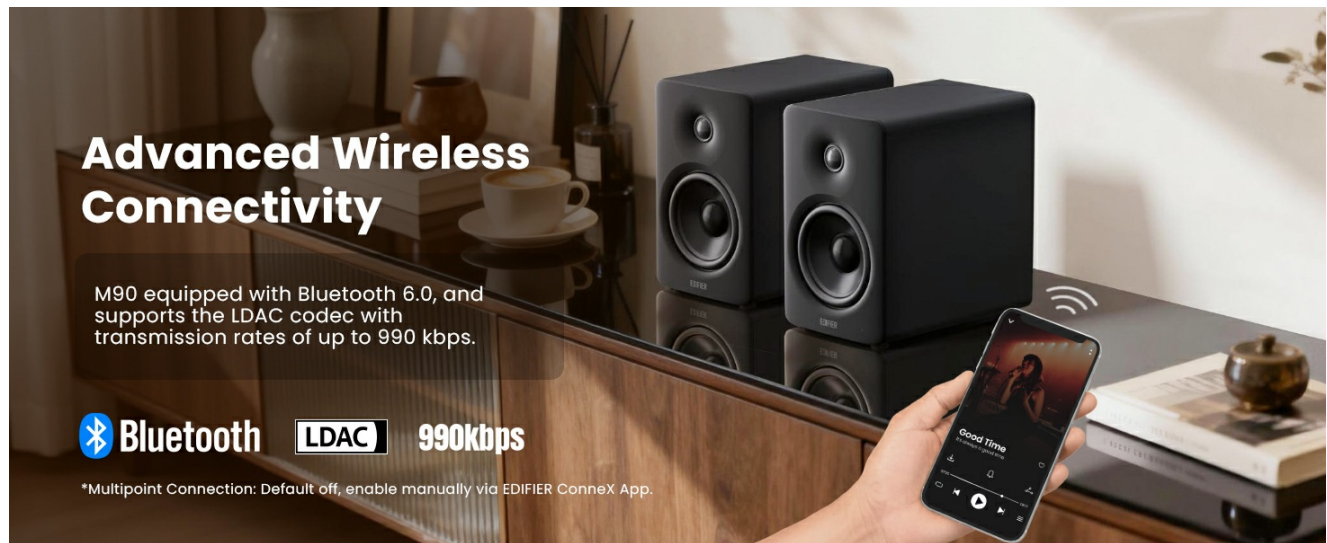
Input Selection

Press the 'Source' button on the remote or rotate the control knob on the active speaker to cycle through available inputs: HDMI eARC, Optical, USB-C, AUX, and Bluetooth.

Volume Control

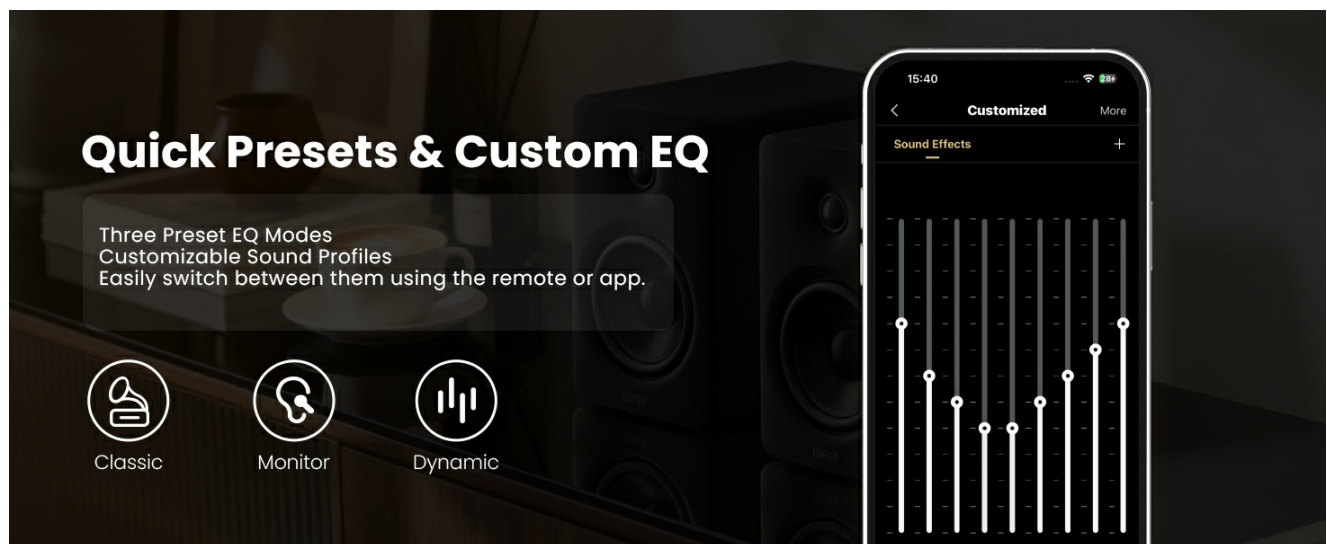
Adjust the volume using the volume buttons on the remote control or by rotating the control knob on the active speaker. When using HDMI eARC, the TV remote can also control the volume.

Bluetooth Pairing



1. Select Bluetooth input on the speakers. The Bluetooth indicator light will flash.
2. On your device (smartphone, tablet, etc.), enable Bluetooth and search for 'EDIFIER M90'.
3. Select 'EDIFIER M90' to pair. The indicator light will become solid when connected.
4. The M90 supports Bluetooth 6.0 with LDAC codec for high-resolution wireless audio. Multipoint connection is supported but is off by default; enable it manually via the Edifier ConneX App.

Using the Edifier ConneX App



Download the Edifier ConneX App from your device's app store. The app allows you to:

- Select from three preset sound effects (Classic, Monitor, Dynamic).
- Customize your own EQ settings (only when connected via Bluetooth).
- Saved custom EQ settings can be accessed and applied to all inputs using the remote control.

MAINTENANCE

- Clean the speaker surfaces with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the speakers to excessive moisture, direct sunlight, or extreme temperatures.

- Do not block the bass reflex port on the rear of the active speaker.
- For long-term storage, unplug the speakers and store them in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound	Power not connected; incorrect input selected; volume too low; cables loose.	Ensure power is on. Select correct input. Increase volume. Check all cable connections.
Bluetooth connection fails	Speakers not in pairing mode; device too far; interference; device already connected to another speaker.	Ensure speakers are in Bluetooth pairing mode. Move device closer. Avoid interference. Disconnect from other devices.
Sound distortion	Volume too high; poor audio source quality; incorrect EQ settings.	Reduce volume. Test with a different audio source. Adjust EQ settings via the Edifier ConneX App.
Remote control not working	Batteries depleted; obstruction between remote and speaker; remote out of range.	Replace AAA batteries. Remove obstructions. Ensure remote is within operating range.

If the problem persists, please contact Edifier customer support.

SPECIFICATIONS

Specifications

- Total Output Power (RMS): Treble 15W × 2 Mid-bass 35W × 2
- Driver Units Treble: 4" long-throw aluminum diaphragm mid-bass drivers 1" silk dome tweeters
- Frequency Response: 50Hz - 40kHz
- Signal-to-Noise Ratio: ≥ 85dB (A)
- Audio Inputs: HDMI eARC, Optical, USB-C, AUX, Bluetooth
- Bluetooth 6.0
- Input Sensitivity eARC: HDMI eARC: 500 ± 50mFS (PCM stereo) Optical: 500 ± 50mFS
USB-C: 500 ± 50mFS AUX: 450 ± 50mV Bluetooth: 500 ± 50mFS
- Active Speaker: 5.24 x 8.35 x 8.86 inch (13.3 x 21.2 x 22.5 cm),
Passive Speaker: 5.24 x 8.35 x 8.27 inch (13.3 x 21.2 x 21.0 cm);
- Net Weight: 6.05kg

- **Total Output Power (RMS):** Treble 15W × 2, Mid-bass 35W × 2 (Total 100W)
- **Driver Units:** 4" long-throw aluminum diaphragm mid-bass drivers, 1" silk dome tweeters
- **Frequency Response:** 50Hz – 40KHz
- **Signal-to-Noise Ratio:** > 85dB (A)
- **Audio Inputs:** HDMI eARC, Optical, USB-C, AUX, Bluetooth
- **Bluetooth Version:** 6.0
- **Input Sensitivity:**
 - HDMI eARC: 500 ± 50mFS (PCM stereo)
 - Optical: 500 ± 50mFS
 - USB-C: 500 ± 50mFS

- AUX: 450 ± 50mV
- Bluetooth: 500 ± 50mFS
- **Active Speaker Dimensions:** 5.24" (W) x 8.35" (H) x 8.86" (D) (13.3 x 21.2 x 22.5 cm)
- **Passive Speaker Dimensions:** 5.24" (W) x 8.35" (H) x 8.27" (D) (13.3 x 21.2 x 21.0 cm)
- **Net Weight:** 6.05kg

OFFICIAL PRODUCT VIDEOS

Edifier M90 Surround Sound System for TV

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This video demonstrates the Edifier M90 speakers integrated into a home theater setup, highlighting their use as a surround sound system for television viewing.

Edifier M90 Computer Speakers

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An overview video showcasing the Edifier M90 computer speakers, their design, and features for desktop use.

M90 100W Compact Speakers

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This video highlights the compact size and 100W power output of the M90 speakers, suitable for various audio needs.

Edifier M90 Desktop Speakers

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A video focusing on the Edifier M90 speakers' suitability and performance as desktop audio solutions.

Edifier M90 Compact Computer Speakers

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This video provides a detailed look at the compact design and features of the Edifier M90 computer speakers.

WARRANTY & SUPPORT

The Edifier M90 Computer Speakers come with a **2-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or further assistance, please visit the official Edifier website or contact their customer service department. You can find more information and support resources on the [Edifier Brand Store](#).