



PRODUCT GUIDE

EV150 Product Documentation

Introduces the EV150 home hi-fi Bluetooth audio receiver — features, interfaces, controls, specifications and app control.

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Overview

Note

This document is based on the Gigawit EV Series product manual. Available functions depend on the model, hardware version and installed firmware.

EV150 is a home hi-fi Bluetooth audio receiver that adds high-quality Bluetooth playback to traditional amplifiers, DACs and powered speakers. It is slightly larger than the portable EV155, has no built-in battery and is powered over USB-C.



Figure 1 EV150 product photo

Key features

- **Bluetooth 6.0** on a Qualcomm QCC3084 chip

- **LDAC first by default**, plus aptX Adaptive, aptX HD, aptX, aptX LL, AAC and SBC, with manual codec selection
- **LE Audio LC3 and Auracast receive**
- **RCA OUT and Coaxial OUT at the same time**
- **240 × 320 color display** with button control
- **EQ, Treble and Bass** adjustment
- **USB-C powered**, no built-in battery
- **App control** with Gigawit Control

1 Specifications

Item	Specification
Series	Portable
Positioning	Home hi-fi Bluetooth audio receiver
Bluetooth	6.0
Bluetooth chip	Qualcomm QCC3084
Bluetooth role	Receive
Codecs	LDAC / aptX Adaptive / aptX HD / aptX / aptX LL / AAC / SBC
Default codec	LDAC first, selectable under Bluetooth → Codecs
LE Audio	LC3, Auracast receive
Analog output	RCA OUT
Digital output	Coaxial OUT (coaxial SPDIF)
Power / Battery	External USB-C power, no built-in battery
Display	240 × 320 color display
Controls	Button
Sound adjustment	EQ / Treble / Bass
App	Gigawit Control
Dimensions	69.3 × 63.7 × 22.8 mm
Weight	36 g

2 Features

This section describes the main functions of EV150:

- **Audio codecs** — supported codecs, default priority and manual selection
- **Auracast** — receiving Bluetooth LE Audio broadcasts
- **Display and controls** — the 240 × 320 color display and button control
- **Interfaces** — audio outputs and power

2.1 Audio codecs

EV150 supports the following Bluetooth audio codecs:

Codec	Notes
LDAC ¹	Sony high-resolution codec, highest priority by default
aptX Adaptive	Adjusts bit rate to the radio conditions
aptX HD	Higher-resolution variant of aptX
aptX ²	Qualcomm codec
aptX LL	Low-latency variant of aptX
AAC	Widely used general-purpose codec
SBC	Mandatory baseline Bluetooth codec
LC3	LE Audio codec, used for Auracast broadcasts

Default priority and manual selection

EV150 gives **LDAC** the highest priority by default. You can choose a preferred codec under Bluetooth → Codecs.

The default priority does not force a codec on every connection. The codec actually used is negotiated from what both devices support and the current link conditions, and the display shows the codec in use.

Tip

If LDAC is selected but the other device does not support it, the connection automatically falls back to a codec both devices support.

1. LDAC is a trademark of Sony Corporation. ↩
2. aptX is a trademark of Qualcomm Technologies International, Ltd. ↩

2.2 Auracast

Auracast is the broadcast feature of Bluetooth LE Audio: one transmitter sends a single audio stream that any number of Auracast receivers nearby can join.

EV150 supports Auracast **receive**: it can join a broadcast from a nearby Auracast transmitter and play it through RCA OUT and Coaxial OUT. Auracast broadcast audio uses the LC3 codec.

Note

Classic Bluetooth and Auracast broadcast are separate operating modes. Follow the prompts on the device screen to choose between them.

2.3 Display and controls

EV150 has a **240 × 320 color display** with an on-screen menu, operated with the **button** on the device. The display shows the Bluetooth codec currently in use.

Button operation

Action	How
Power on	Press and hold the button for about 1 second
Power off	Press and hold the button for about 3 seconds
Open the menu	Press and hold the button for about 1 second
Browse the menu	Use the button to move between items
Confirm	Short-press the button
Adjust volume on the Home page	Use the button
Choose the Home page	Hold the button for about 3 seconds, then select and confirm with the button
Pair	Bluetooth → Pair, or double-press the button to enter pairing
Choose a codec	Bluetooth → Codecs
Factory reset	System → Factory Reset

Sound adjustment

The menu provides **EQ**, **Treble** and **Bass** adjustment.

2.4 Interfaces

Interface	Direction	Notes
RCA OUT	Output	Analog audio output
Coaxial OUT	Output	Coaxial SPDIF digital output
USB-C	—	Power

RCA OUT and Coaxial OUT **output at the same time**.

EV150 has no built-in battery and must be powered over USB-C.

3 App control

EV150 is managed with **Gigawit Control**, Gigawit's companion app, available on the **web**, **Android** and **iOS**.

Function	What it does
Connection and pairing	Device connection and pairing settings
Codecs and broadcast	Bluetooth codec and Auracast broadcast settings
EQ	EQ adjustment
Firmware updates	Install new firmware

Available functions depend on the model, hardware version and installed firmware.

4 Getting started

1. Connect your audio system

Connect RCA OUT or Coaxial OUT to the matching input on your amplifier, DAC or powered speakers. Both outputs are active at the same time, so you can use either or both.

2. Power on

1. Connect power over USB-C. EV150 has no built-in battery and needs power while in use.
2. Press and hold the button for about 1 second to power on.

3. Pair your phone

1. Go to Bluetooth → Pair, or double-press the button to enter pairing.
2. Select the device in your phone's Bluetooth settings to pair.

4. Choose a codec (optional)

EV150 uses LDAC first by default. To set a preferred codec, go to Bluetooth → Codecs. The display shows the codec in use.

5. Adjust volume

Use the button on the Home page to adjust volume.

Factory reset

Go to System → Factory Reset.

See Features → Display and controls for all button operations.

5 Revision history

Re v	Date	Changes
0.2	Sep 24, 2026	Updated specifications, codecs, Auracast, interfaces, controls and app information from the EV Series product manual
0.1	Sep 21, 2026	Initial sample, based on the EV150 specification sheet