



PRODUCT GUIDE

EV155 Product Documentation

Introduces the EV155 portable 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.

EV155 is a portable hi-fi Bluetooth audio receiver. It takes music from your phone and sends it through a 3.5 mm line output to powered speakers, an amplifier or a car stereo. Its 500 mAh built-in battery makes it easy to use on the go.



Figure 1 EV155 product photo

Key features

- **Bluetooth 6.0** on a Qualcomm QCC5181 chip

- **LDAC first by default**, plus LHDC V5, aptX Adaptive, aptX HD, aptX LL, aptX, AAC and SBC, with manual codec selection
- **LE Audio LC3 and Auracast receive**
- **3.5 mm line output** for the AUX input of powered speakers, amplifiers or car audio
- **240 × 280 color display** with button control
- **EQ presets and custom EQ in the app**
- **500 mAh built-in battery**, USB-C charging and Ship Mode
- **App control** with Gigawit Control

1 Specifications

Item	Specification
Series	Portable
Positioning	Portable hi-fi Bluetooth audio receiver
Bluetooth	6.0
Bluetooth chip	Qualcomm QCC5181
Bluetooth role	Receive
Codecs	LDAC / LHDC V5 / aptX Adaptive / aptX HD / aptX LL / aptX / AAC / SBC
Default codec	LDAC first, selectable under Bluetooth → Codecs
LE Audio	LC3, Auracast receive
Analog output	3.5 mm line output (not a headphone output)
Power / Battery	500 mAh built-in battery, USB-C charging
Shipping mode	Ship Mode supported
Display	240 × 280 color display
Controls	Button
Sound adjustment	EQ presets / custom EQ in the app
App	Gigawit Control
Dimensions	44.8 × 54.7 × 14.9 mm
Weight	30 g

2 Features

This section describes the main functions of EV155:

- **Audio codecs** — supported codecs, default priority and manual selection
- **Auracast** — receiving Bluetooth LE Audio broadcasts
- **Display and controls** — the 240 × 280 color display, button control and Ship Mode
- **Interfaces** — the 3.5 mm line output and USB-C charging

2.1 Audio codecs

EV155 supports the following Bluetooth audio codecs:

Codec	Notes
LDAC ¹	Sony high-resolution codec, highest priority by default
LHDC V5 ²	High-resolution codec
aptX Adaptive	Adjusts bit rate to the radio conditions
aptX HD	Higher-resolution variant of aptX
aptX LL	Low-latency variant of aptX
aptX ³	Qualcomm codec
AAC	Widely used general-purpose codec
SBC	Mandatory baseline Bluetooth codec
LC3	LE Audio codec, used for Auracast broadcasts

Default priority and manual selection

EV155 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. LHDC is a trademark of Savitech Corp. ↩
3. 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.

EV155 supports Auracast **receive**: it can join a broadcast from a nearby Auracast transmitter and play it through the 3.5 mm line output. 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

EV155 has a **240 × 280 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

Ship Mode

- Unplug the USB-C cable before entering Ship Mode.
- To exit Ship Mode, press and hold the button for about 1 second.

Hardware restart

If the device stops responding, disconnect USB-C and press and hold the button for about 10 seconds to restart it.

Sound adjustment

The menu provides **EQ presets**, and a custom EQ can be set in the app.

2.4 Interfaces

Interface	Direction	Notes
3.5 mm	Output	Line output for the AUX input of powered speakers, amplifiers or car audio
USB-C	—	Charging

Warning

The 3.5 mm jack is a **line output**, not a headphone output. Connect it to the matching input on your amplifier or powered speakers.

3 App control

EV155 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	Choose an EQ preset or set a custom EQ
Firmware updates	Install new firmware

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

4 Getting started

1. Charge

Charge the built-in battery over USB-C.

2. Power on

Press and hold the button for about 1 second to power on. If the device is in Ship Mode, the same 1-second hold exits it.

3. Connect your audio system

Use a 3.5 mm cable to connect EV155 to the AUX input of powered speakers, an amplifier or a car stereo. The 3.5 mm jack is a line output and cannot drive headphones directly.

4. 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.

5. Choose a codec (optional)

EV155 uses LDAC first by default. To set a preferred codec, go to Bluetooth → Codecs. The display shows the codec in use.

6. Adjust volume

Use the button on the Home page to adjust volume.

Factory reset

Go to System → Factory Reset. If the device stops responding, disconnect USB-C and hold the button for about 10 seconds to restart it.

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 EV155 specification sheet