

RTX GO

Preliminary · Sep 2026

Auracast™ Handheld Receiver

The RTX GO is a smart handheld Auracast™ receiver for streamlined listening across a wide range of applications. It joins any Auracast™ broadcast and drives headphones or a neck loop from its 3.5 mm output, with all-day battery life.

Listeners reach a stream by tapping a B-PASS, from a SmartHive, or over NFC. A USB sound card mode feeds venue audio straight into a computer for speech-to-text and captioning.



AUDIO

Connection	3.5 mm TRRS jack — headphones or neck loop	Headphone output	16–32 ohm recommended; 16–64 ohm compatible
Frequency response	10 Hz – 22 kHz	Sound card mode	USB audio to a computer — optimised for speech-to-text
Latency	< 40 ms		

RADIO

Technology	Bluetooth® 5.3 Low Energy — Auracast™ receiver	Stream access	Tap-to-Access on a B-PASS, from a SmartHive, or over NFC
Frequency range	2402 – 2480 MHz (2.4 GHz ISM band)	Secure broadcast	AES128 — the password is provisioned through a B-PASS or SmartHive, not entered on the device
Codec	LC3 — 16 / 24 / 48 kHz	Stream switching	Searches automatically and moves to the next available stream
Compatible devices	Every CASTER model		

POWER & BATTERY

Battery	Lithium-polymer, 3.7 VDC, 1,400 mAh	Charging	USB-C — 5 VDC, 500 mA; or a SmartHive or Hive 4 cradle
Battery life	Up to 16 hours of listening	Cradle contacts	4 pogo pins with a magnetic latch
Charge time	Under 4 hours		

REGULATORY

EU / UK	CE (RED 2014/53/EU); UKCA	Japan	MIC / TELEC
USA / Canada	FCC; ISED	Australia / NZ	RCM
		Environmental	RoHS, REACH, WEEE

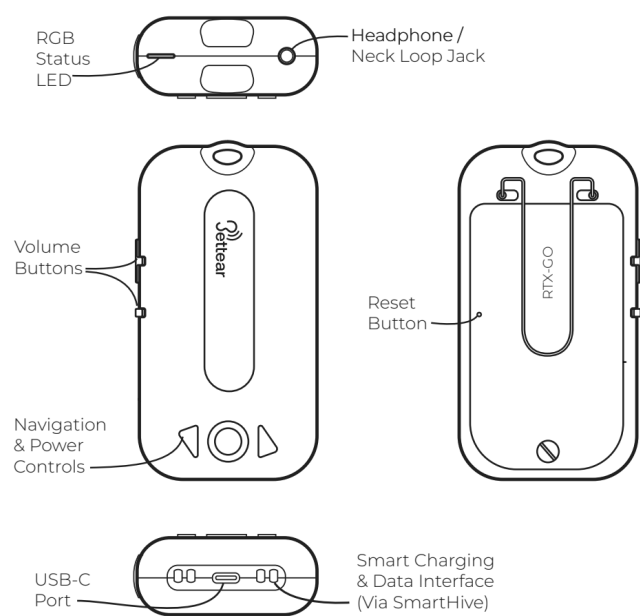
Preliminary specification — the RTX GO is in development and every figure is subject to change before release.



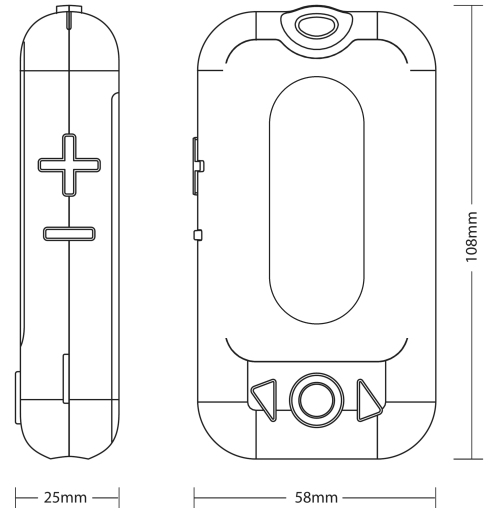
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CONTROLS & INTERFACES



DIMENSIONS



CHARGING & FLEET MANAGEMENT

Cradles	SmartHive — 10 bays; Hive 4 — 4 bays	Stream locking	Stream Lock ties a unit to one broadcast; List Lock filters the list to one deployment — both set from Hive Central
Software	Hive Central — settings, firmware and broadcast names		

PHYSICAL & IN THE BOX

Dimensions	108 × 58 × 25 mm — the same enclosure as the RTX	Supplied	RTX GO unit and a USB-C to USB-A charging cable
Colors	Dark grey	Required	USB power adapter, 5 VDC / 500 mA — not included
Attachment	Integrated lanyard loop; belt clip supported	Add-ons	Belt clip; B-PASS Tap-to-Access reader; SmartHive with Hive Central; Hive 4 charger

