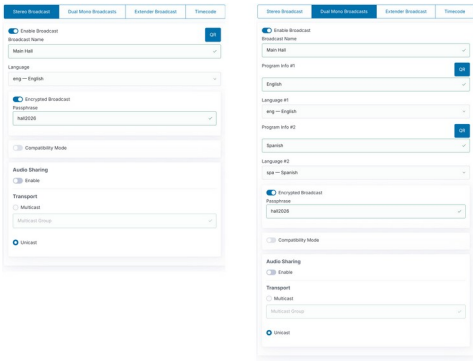
October 23, 2026

Release Notes - CASTER v1.5.0

Applies to CASTER, CASTER X and CASTER XD. This release is cumulative: it includes every change made since v1.1.1 and replaces the interim v1.2.x–v1.4.x builds, including v1.4.3. Units running any earlier version can be updated directly to v1.5.0; existing settings are kept.

New Features:

1. **Language metadata.** A language can be set for the broadcast – and for each channel of a dual mono broadcast – and is carried in the Auracast™ broadcast information, so receivers such as the RTX show it next to the stream name (36 languages in the list, any other by ISO 639-3 code).
2. Dual mono broadcasts: two mono channels in one broadcast, each with its own program information, language and QR code.
3. Management panel sign-in: a username and password, set by the first person to open the panel on a new or factory-reset unit – there are no default credentials.
4. The management panel (Web UI) can be switched off; the unit stays manageable from Hive Central and the UDP API.
5. Factory reset from the management panel, Hive Central and the HTTP API, in addition to the reset button.
6. After a new static IP address is saved, the panel reopens automatically at the new address.
7. CASTER XD: Dante® audio input with continuous monitoring of the Dante® interface.
8. CASTER XD: digital gain, mute, AGC and filters for the two Dante® channels.
9. **CASTER XD: Bridged or Isolated port configuration.** In Isolated mode LAN 1 carries Dante® only and LAN 2 the CASTER control only. **Isolated mode requires both updates – CASTER firmware 1.5.0 and Dante® firmware 4.2.24.2 / product version 6.7.5 (CASTER-XD-Dante-6.7.5.dnt).** The panel shows the Dante® version and flags modules that need an update.
10. Support for up to 8 channels together with the RTX and the FORGE XD stream expander.
11. Timecode with a configurable offset per timecode, from the panel or the UDP API; audio sharing also works in timecode mode.
12. Internal / external antenna selection (CASTER X, CASTER XD), applied without a restart, with a TX-power notice.
13. Fixed, factory-assigned Broadcast ID and advertising ID for consistent receiver behavior; CASTER X identified correctly by the panel and Hive Central.
14. Automatic recovery to factory defaults after repeated quick reboots.
15. UDP API extended: input linking, broadcast language, Web UI on/off, per-channel filter responses and API corrections.
16. Improved interoperability with third-party hearing aids.
17. The CASTER Upgrade Tool for v1.5.0 also updates units built with earlier platform components.



Language and channel settings in the management panel. Left: a stereo broadcast with its language. Right: a dual mono broadcast with program information and a language for each channel.

Improvements & Fixes:

1. Improved 48 kHz stability – reduced memory use resolves dropouts and restarts at 48 kHz, including in extender mode.
2. Fixed the panel hanging when two changes were saved one after the other; removed an unnecessary delay after changes that need no restart.
3. Fixed an encryption passphrase entered in the panel not always being applied.
4. Fixed program information staying on the first channel when switching from dual mono back to stereo.
5. Fixed factory reset on non-Dante models and a race between the reset and the panel's response; the Dante® network configuration is restored on reset.
6. Fixed migration of settings from version 1.x firmware.
7. Extender mode: fixed loss of audio from the B-SHOW after long operation and dual mono operation, tightened master/extender version matching, and added recovery when the master is unreachable at boot.
8. The unit now uses a single active IP address, so extender traffic no longer arrives on both the default and the assigned address.
9. Antenna selection and Dante® network changes no longer restart the device.
10. Fixed timecode increments, offset sign handling, numeric entry in the panel and timecode in extender mode.
11. Panel refinements: show/hide for passwords, revised summary, correct sticky headers, responsive layout for phones and tablets.
12. Updated radio and bootloader components for overall stability.

Note: CASTER firmware updates, including several devices at once, are performed through **Hive Central** software or the **CASTER Upgrade Tool**. The CASTER XD Dante® firmware is updated separately with Dante Updater – the file CASTER-XD-Dante-6.7.5.dnt and the CASTER XD – Dante Firmware Update Guide 1.2 are on the CASTER product page. Language information is shown on RTX receivers running firmware 1.5.0 or later.

For technical questions, contact us at Support@bettear.com