USER MANUAL

CASTER XD

Auracast™ Audio Streamer with Dante®

Model CASTER XD · Firmware 1.5.0 · Dante® firmware 4.2.24.2 · product version 6.7.5 · October 2026

AURACAST · Dante®



Dante® audio input
Two Dante® input channels over LAN 1 or LAN 2

Low latency
Auracast™ streaming under 40 ms

Bridged or Isolated
Dante® and control on both ports, or one port for each

Language metadata
Each stream carries its language for receivers to show

Flexible antenna options
Internal or external antenna, selected from the panel

Secure access
Encrypted broadcast and a protected management panel

API control
UDP control API for AV control systems

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About this manual: this edition covers CASTER XD firmware 1.5.0. Screens and features may differ on devices running earlier firmware – see *Firmware upgrade* to update.

01

Overview

The CASTER XD is a professional Auracast™ streamer that takes its audio digitally from a Dante® network and broadcasts it live – for assistive listening in venues and for high-fidelity streaming to personal devices.

XD How it works



Route two Dante® channels to the CASTER XD; it broadcasts them as one stereo stream or as two mono channels. Listeners join the broadcast on their own device, or with an RTX receiver and headphones or a neck loop.

Other models: the analog CASTER and CASTER X models are not covered in this manual – see the CASTER User Manual on the CASTER page of bettear.com: bettear.com/products/caster

Where it is used

Theaters · Sports arenas · Cinemas · Classrooms · Airports · Meeting rooms · Law courts · Museums

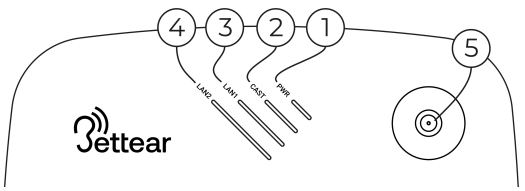
The CASTER XD has a built-in web management panel for setting up the unit itself. Hive Central is Bettear's centralized management software for the Bettear Auracast™ ecosystem – it manages CASTER units, RTX receivers and other Bettear devices together. The CASTER XD can be fully managed from Hive Central. Product manuals and the Hive Central User Guide are on bettear.com – see chapter 14, *Related documentation & tools*.

02

Front & rear panels

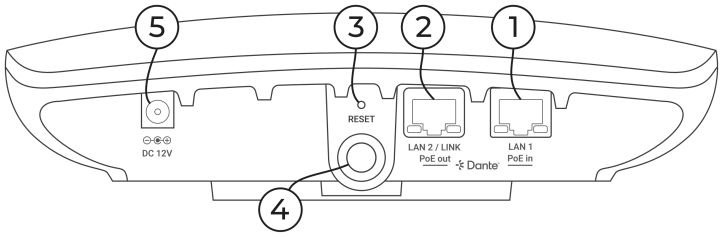
Front panel

1. **Power indicator** (PWR)
2. **Audio broadcasting indicator** (CAST)
3. **LAN 1 connectivity indicator**
4. **LAN 2 connectivity indicator**
5. **External antenna connector** – 50-ohm RP-SMA jack (male center pin); fit a 2.4 GHz antenna with an RP-SMA plug



LAN 1 / LAN 2 indicators can also show audio presence (management panel).

Rear panel



1. **LAN 1** – 1 Gbps, PoE+ in, Dante®
2. **LAN 2 / LINK** – 1 Gbps, PoE out, Dante®
3. **Reset button**
4. **Mounting hole** – 3/8" internal thread
5. **Power input** – 12 VDC, 2.5 A

> **Note:** the CASTER XD has no analog audio inputs – audio is received over the network via Dante®. Both LAN ports are always enabled; how they share Dante® and control traffic is set in *Port configuration*.

03

Quick start

Out of the box the CASTER XD broadcasts with its default settings. For anything beyond that, use the management panel.

1. Connect LAN 1 to your Dante® network.
2. Power the unit – 12 VDC 2.5 A supply, or PoE+ on LAN 1.
3. Route two Dante® channels to the CASTER XD in Dante Controller.
4. Join the **'B-CASTER'** stream on an Auracast™ device.

> **Note:** adjusting the input gain and changing the broadcast name require access to the management panel – see chapter 04, *Accessing the management panel*.

04

Accessing the management panel

The management panel is a web page served by the CASTER XD. Open it in any browser (Google Chrome, Safari, etc.) on a computer connected to the **same local network** as the unit – through a network switch, or with a cable straight to **LAN 1** or **LAN 2**.

> **Default IP mode – DHCP with fallback:** the CASTER XD obtains its IP address from a DHCP server on the local network. If there is no DHCP server, or no address is obtained, it falls back to its default IP address, **192.0.2.1**.

With a DHCP server on the network

1. Connect **LAN 1** or **LAN 2** to the local network; the unit obtains its address from the DHCP server.
2. Find the unit with an IP scanner (Windows – Advanced IP Scanner, macOS – LanScan): look for **Bettear – Accessibility Technologies Development** under Manufacturer / Vendor.
3. Browse to that IP address.

Without a DHCP server – default IP

1. Connect **LAN 1** or **LAN 2** to the local network, or directly to the computer.
2. Set the computer's network adapter to a static IP in the same subnet – for example **192.0.2.10**, mask **255.255.255.0**.
3. Browse to the default address **192.0.2.1**.

DEFAULT IP ADDRESS (FALLBACK)	SUBNET MASK	GATEWAY
192.0.2.1	255.255.255.0	0.0.0.0

Two separate networks – Bettear control and Dante®

The CASTER XD has two network adapters with separate configurations: the **Bettear control** adapter (management panel, Hive Central, Control API) and the **Dante®** adapter (audio). Each has its own IP address.

ADAPTER	WITH A DHCP SERVER	WITHOUT A DHCP SERVER
Bettear control	Address from the DHCP server	Default IP address **192.0.2.1**
Dante®	Address from the DHCP server	Link-local (zero-configuration) address in the **169.254.x.x** range

> **Ports:** LAN 1 and LAN 2 work in **Bridged** (default) or **Isolated** mode – see chapter 07, *Port configuration – Bridged and Isolated*. In Bridged mode either port gives access to the management panel. In Isolated mode LAN 1 carries Dante® only – connect the computer to **LAN 2**, or factory reset the unit to return it to Bridged.

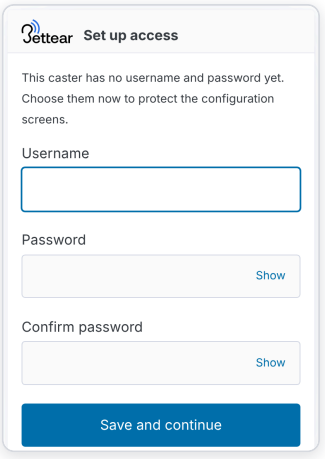
05

Signing in

The management panel is protected by a username and password. **There are no default credentials – the first person to open the panel sets them.**

First-time setup

On a new or factory-reset CASTER XD, the **Set up access** screen is shown:

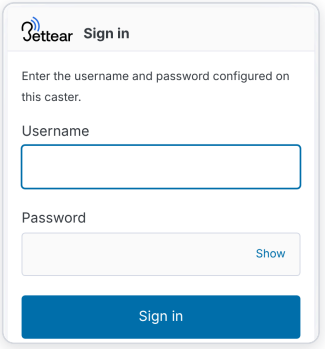


1. Enter a **Username** – up to 32 characters.
2. Enter a **Password** – 4 to 64 characters – and repeat it in **Confirm password**.
3. Click **Save and continue**.

Use **Show** to check a password as you type it.

Sign in

From then on, the panel opens with the **Sign in** screen. Enter the username and password and click **Sign in**.



You stay signed in until the browser tab is closed, or until you click **Log Out** in the Maintenance section.

This sign-in applies to the web management panel only.

Keep it on a trusted network: the username and password protect the management panel screens. Keep the CASTER XD on a network that is limited to authorized users.

Forgotten password: it can only be cleared by a factory reset, which also restores all other settings – see *Factory reset*.

06

Web management panel

The web management panel is organized into sections – Summary, Broadcast, Audio, Radio, Network, LEDs and Maintenance – listed in the menu on the left. It also works on a tablet or phone. Every setting in the panel can also be managed from Hive Central.

Summary

Key device information: model, firmware version, serial number (S/N), MAC address and IP address.



The **Dante** card shows the Dante® interface: device name, IP address, MAC address and module version (software / hardware). If the module is older than the firmware requires, the version is shown in red with **Upgrade needed** – update it as described in the CASTER XD – Dante Firmware Update Guide.

Firmware 1.5.0 requires Dante® firmware **4.2.24.2** and Dante® product version **6.7.5**. The Dante® update file (.dnt) and the *CASTER XD – Dante Firmware Update Guide* are on the CASTER product page: bettear.com/products/caster

Broadcast

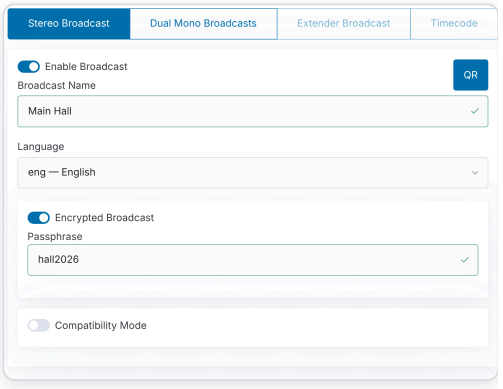
Select the broadcast mode that matches your project:

MODE	WHAT IT DOES
Stereo Broadcast	The two Dante® input channels are broadcast as one stereo stream.
Dual Mono Broadcasts	The two Dante® channels are broadcast as two separate mono streams – for example, two languages.

Note: each mode is explained in detail below. The Extender and Timecode modes are available on the CASTER and CASTER X only.

Stereo Broadcast

The two Dante® input channels are streamed as a single stereo broadcast.



Enable Broadcast

Turns the broadcast advertisement on or off. When it is off, listeners cannot find the stream.

Broadcast Name

The name advertised and shown to listeners – 4 to 32 characters.

Encrypted Broadcast

Makes the broadcast private. Enter a **Passphrase** of 4–16 characters that listeners use to join.

QR

Generates an Auracast™ connection QR code that can be saved or printed for quick access from supported devices.

Language

The language of the broadcast audio. It is carried in the Auracast™ broadcast information, so receivers and assistant apps that support it can present and select streams by language – for example, the RTX shows a language flag next to the stream name. Choose **None** to leave it unset, or select the language of your stream from the language list.

> **Part of the Auracast™ standard:** the language is sent as the standard Language metadata of the Auracast™ broadcast (Bluetooth LE Audio metadata type 0x04, carried in the broadcast's BASE), as a three-letter ISO 639-3 code – for example *eng*, *fra* or *jpn*. Any receiver that supports Auracast™ language metadata can read it, not only Bettear devices.
>
> **Languages in the list:** Arabic, Bengali, Bulgarian, Cantonese, Chinese, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Mandarin Chinese, Norwegian, Persian, Polish, Portuguese, Romanian, Russian, Slovak, Spanish, Swedish, Tagalog, Thai, Turkish, Ukrainian, Urdu and Vietnamese. Any other language can be entered as a three-letter ISO 639-3 code with *Other…*.

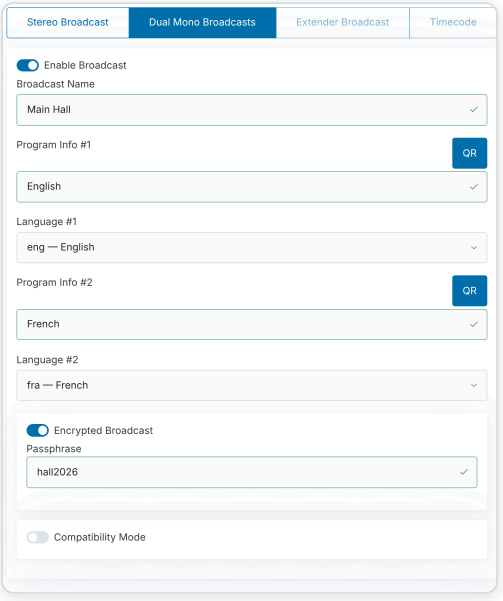
Dual Mono Broadcasts

The two Dante® input channels are streamed as two separate mono streams – for example, two languages or two different programs. Listeners choose the channel on their receiver.

For each channel, set:

- **Program Info #1 / #2** – a short label for the channel (up to 32 characters), shown by receivers that support it.
- **Language #1 / #2** – the language of the channel (optional).
- **QR** – a connection QR code for each channel.

The broadcast name, encryption and passphrase apply to the whole broadcast.



Audio

The CASTER XD receives its audio over Dante®, routed to it in Dante Controller. **IN 1** and **IN 2** are its two Dante® input channels; gain and mute are applied digitally.

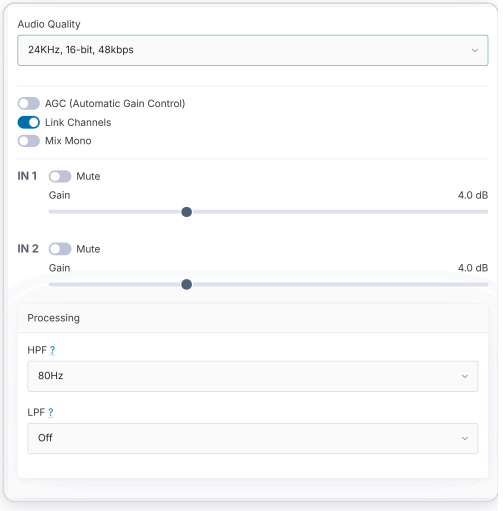
Audio Quality

Select the audio quality for the installation:

AUDIO QUALITY	DETAILS	EARBUDS, HEADPHONES & RTX	HEARING AIDS & COCHLEAR IMPLANTS
Low	16 kHz, 16-bit, 32 kbps	Supported	Supported
Medium (default)	24 kHz, 16-bit, 48 kbps	Supported	Supported
High	48 kHz, 16-bit, 80 kbps	Supported by most devices	Most current models are limited to 24 kHz – use Medium

AGC (Automatic Gain Control)

Adjusts the input gain of the two Dante® input channels automatically, keeping the input level steady.



Link Channels

Adjusts the IN 1 and IN 2 gains together or independently.

Mix Mono

Mixes IN 1 and IN 2 into a single mono channel. To broadcast one input in mono, enable Mix Mono and mute the unused input. Mix Mono applies to the Stereo Broadcast mode only.

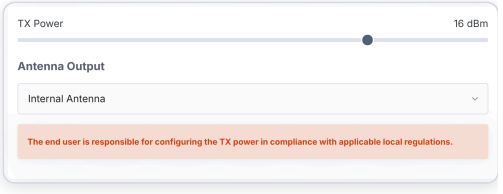
IN 1 / IN 2

Gain slider and Mute for each input.

Processing

HPF (high-pass filter): Off, 80 Hz, 120 Hz, 250 Hz. **LPF** (low-pass filter): Off, 8 kHz, 12 kHz.

Radio



TX Power

Sets the transmission power; the value is shown in dBm.

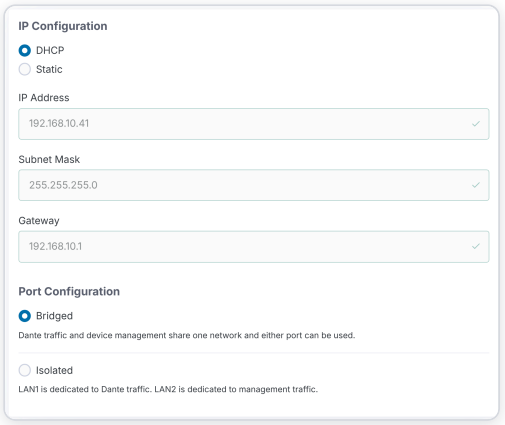
Antenna Output

Select **Internal Antenna** or **External Antenna**. Connect a 2.4 GHz antenna with an RP-SMA plug to the front-panel connector first. The selection applies without a restart and can also be switched from Hive Central. The external antenna is sold separately.

> **Note:** the CASTER XD supports an external antenna – select External Antenna only with one connected.

> **Regulatory:** the end user is responsible for configuring the TX power in compliance with applicable local regulations. Bettear will not be held liable for any regulatory violations.

Network



These settings apply to the CASTER control interface only. The Dante® network settings are configured in Dante Controller – see chapter 07.

DHCP

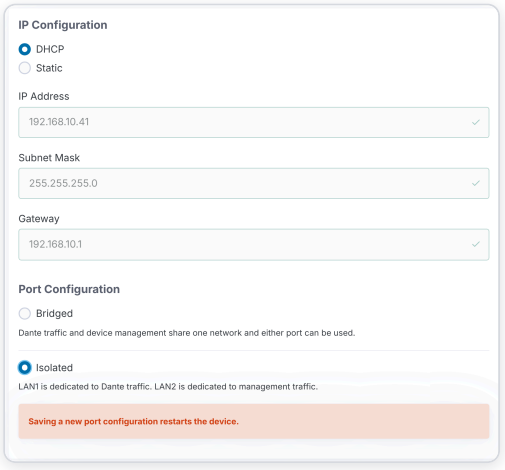
The default mode. The unit obtains its IP address from a DHCP server. If there is no DHCP server, or no address is obtained, it falls back to its default IP address: **192.0.2.1**, so it can still be reached in stand-alone mode.

Static

Set the IP Address, Subnet Mask and Gateway manually – for a fixed address, or when several units share a network (each needs its own address).

When a new static IP address is saved, the unit restarts and the panel automatically reopens at the new address. After switching to DHCP, find the new address with an IP scanner.

Port configuration

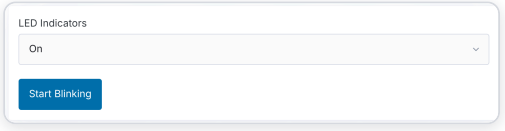


- **Bridged** (default) – Dante® traffic and device management share one network and either port can be used; the second port can daisy-chain the next device.
- **Isolated** – LAN 1 carries Dante® only and LAN 2 management only, so the two networks stay fully separate.

Saving a new port configuration restarts the unit. A factory reset returns it to Bridged.

Port configuration requires Dante® firmware **4.2.24.2** and Dante® product version **6.7.5**. With an older version the option is disabled and a notice is shown – update the Dante® firmware to enable it.

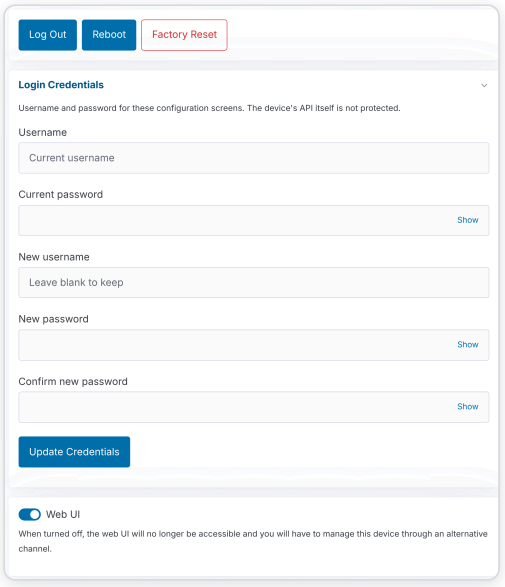
LED indicators



On	Default: power, broadcasting and LAN 1 / LAN 2 link.
Off	All indicators off.
Audio Indicator	LAN 1 and LAN 2 show audio presence and level.

Start Blinking flashes all LEDs together to identify the unit when several are installed; **Stop Blinking** ends it.

Maintenance



Log Out

Signs out of the management panel.

Reboot

Restarts the unit; the page refreshes when it is back online.

Factory Reset

Restores the factory settings – including the network settings and the panel username and password – and restarts the unit, after a confirmation.

Login Credentials

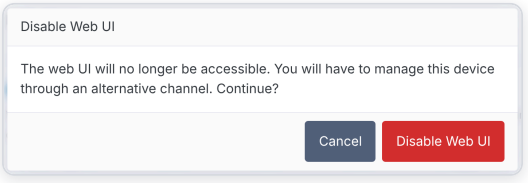
Change the username and password: enter the current username and password, an optional new username (leave blank to keep it) and the new password twice, then click **Update Credentials**.

Web UI

Turns the management panel on or off – see below.

Turning off the Web UI

Where the panel should not be available in a browser, switch **Web UI** off and confirm. From the next page load, the panel can no longer be opened.

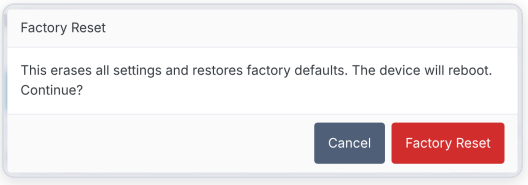


The unit stays fully manageable from Hive Central and the Control API. To turn the panel back on, enable it from Hive Central, send **SET ui.enabled 1** to the API, or perform a factory reset.

Hive Central User Guide: bettear.com/hive-central-guide

Factory reset from the panel

Click **Factory Reset** and confirm. If the unit was using a static IP address, it returns to its default network settings – reconnect as described in *Accessing the management panel*.



Save changes

Click **Save Changes** to apply your edits, or **Reset** to discard them. Some changes – such as the broadcast name, encryption or network settings – briefly restart the broadcast while they are applied.

07

Dante® network interfaces

The CASTER XD has **two separate network interfaces**, each with its own IP and MAC address: one for CASTER control and one for Dante® audio.

Two network interfaces

INTERFACE	USED FOR	IP ADDRESSING	CONFIGURED FROM
CASTER control	Web management panel, Hive Central, Control API, firmware updates	DHCP by default; falls back to the default IP address **192.0.2.1**; or static	Web management panel – Network section, or Hive Central
Dante®	Dante® audio and Dante® device management	DHCP, or a self-assigned zero-configuration (link-local) address; or static	Dante Controller

Both addresses are shown in the web management panel: the control address in the Summary, the Dante® address on the Dante card.

Dante® IP configuration

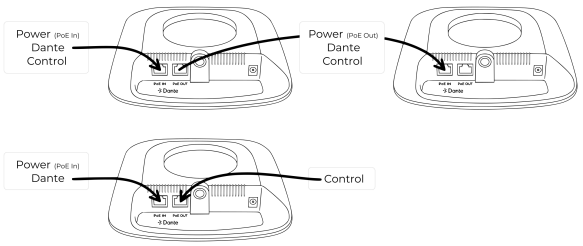
The Dante® interface follows standard Dante® network behaviour:

- **DHCP** – with a DHCP server on the Dante® network, the interface obtains its address automatically.
- **Zero configuration** – with no DHCP server, it self-assigns a link-local address in the 169.254.x.x range, so Dante® devices on the same network find each other without any setup.
- **Static** – set a fixed address in **Dante Controller**: open the CASTER XD in Device View and use the **Network Config** tab.

> **Note:** the default IP address 192.0.2.1 applies to the CASTER control interface only – never to the Dante® interface.

Port configuration – Bridged and Isolated

LAN 1 takes PoE+ power in and LAN 2 / LINK provides PoE out to the next device. Either port can carry Dante® audio and CASTER control. How the two interfaces use the ports is set in the web management panel, **Network** section › **Port configuration**, or from Hive Central.



Bridged (default)

Dante® and CASTER control share one network, and either port can be used. LAN 2 / LINK passes power (PoE out), Dante® and control on to the next device, so units can be daisy-chained.

Isolated

LAN 1 carries Dante® only (and takes PoE in); LAN 2 carries CASTER control only. The audio and control networks stay fully separate – for example, on separate switches or subnets.

Saving a new port configuration restarts the unit; a factory reset returns it to Bridged. Port configuration requires Dante® firmware 4.2.24.2 and product version 6.7.5 – with an older version, update the Dante® firmware first. Standard Dante® network requirements apply.

08

Installation & cascading

Placement

Mount the CASTER XD at least 3 m high with a clear line of sight to the audience. Coverage reaches about 85 m in line of sight at 20 dBm.

Cascading

Up to **three units** can be cascaded. A CASTER XD powered by a 12 V supply or a PoE+ source can power the next unit through LAN 2 / LINK (PoE out); the third unit needs its own power supply or PoE+ injector.

In Bridged mode either port can also daisy-chain the next Dante® device. For more units, use an external network switch.

> **Note:** a power source on DC in takes priority over PoE on LAN 1. If both are connected, the unit uses DC in.

Network requirements

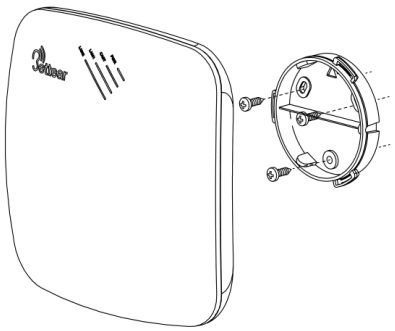
Cabling	Wired Ethernet, Cat5e or better. LAN 1 – 1 Gbps, PoE+ in (IEEE 802.3at); LAN 2 / LINK – 1 Gbps, PoE out.
Management	The computer running the web management panel or Hive Central must be on the same local network as the CASTER XD. DHCP by default; with no DHCP server the unit falls back to **192.0.2.1**. Use static addresses for fixed installations.
Dante®	Gigabit switches recommended. Follow the standard Dante® network recommendations – QoS (DSCP) enabled and Energy Efficient Ethernet (EEE) disabled on the switch ports.
Port configuration	**Bridged** – Dante® and management share one network. **Isolated** – LAN 1 carries Dante® only and LAN 2 management only, for separate networks or subnets.
Ports & services	Allow these between the unit and the computers that manage it: **TCP 80** (HTTP) – web management panel and Hive Central **UDP 5353** – mDNS discovery (`_caster._tcp`), used by Hive Central **UDP 1337** – firmware updates (CASTER Upgrade Tool) **UDP 9000** – Control API, both directions: the unit replies to port 9000 on the controller

Mounting

The CASTER XD can be installed on a wall or ceiling using the included mounting bracket or mounted on a 3/8" threaded stand (e.g., microphone stand).

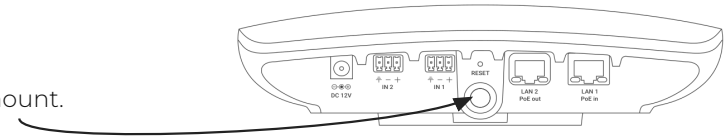
Wall or Ceiling Mounting:

1. **Fix** the mounting bracket to the wall or ceiling.
2. **Insert** the CASTER XD into the fixed bracket and rotate it counterclockwise (left) to 45° until it locks.



Tripod Stand Installation:

Use CASTER XD's 3/8" thread mount.



09

Control API (UDP)

The CASTER XD can be controlled and monitored over the network with a simple, text-based API over UDP (port 9000) – for integration with third-party control and automation systems.

The API covers broadcast, audio, radio, network and LED functions – including the broadcast language and turning the management panel on or off. Commands are sent to a specific unit by its device ID.

CASTER API Guide
The complete command reference is in the CASTER API Guide, which can be downloaded from the CASTER page on bettear.com: bettear.com/products/caster

10

Firmware & reset

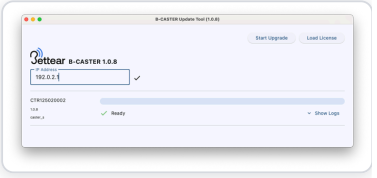
Firmware upgrade

The CASTER XD firmware can be upgraded in one of two ways:

A **CASTER Upgrade Tool**
From a computer on the same network – see steps below

B **Hive Central**
Recommended for multiple units and large deployments – see the Hive Central User Guide: bettear.com/hive-central-guide

With the CASTER Upgrade Tool



1. Download the latest **CASTER Upgrade Tool** (Windows and macOS) from the CASTER product page: bettear.com/products/caster.
2. Connect the computer to the same network as the CASTER XD and launch the tool.
3. Enter the unit's IP address in the **Device IP address** field.
4. Click **Start Upgrade** and wait for the process to complete.

Direct update: the latest tool updates units running any earlier firmware directly to 1.5.0; existing settings are kept.

Dante® firmware: the upgrade tool updates the CASTER XD control firmware. Firmware 1.5.0 requires Dante® firmware **4.2.24.2** and Dante® product version **6.7.5**. The Dante® interface is updated separately with the Dante Updater – the update file **CASTER-XD-Dante-6.7.5.dnt** and the *CASTER XD – Dante Firmware Update Guide* are on the CASTER product page: bettear.com/products/caster

No license needed: all CASTER XD features, including both LAN ports, are available without a license.

Factory reset

Reset button

Press and hold the **Reset** button with a pin for **10 seconds**, until all front-panel LEDs blink. The reset takes up to 10 seconds.

From the panel or Hive Central

Maintenance → **Factory Reset**, then confirm – or reset the unit from Hive Central.

A factory reset restores all settings to their defaults – network settings, Port configuration (Bridged), the panel username and password, and the Web UI setting (on).

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Specifications

As published in the approved CASTER XD datasheet (September 2026).

Audio (Dante®)

Audio input	Dante® over LAN 1 or LAN 2
Dante® firmware	4.2.24.2, product version 6.7.5 or later
Patching	Dante Controller, or a Dante device with its own routing control (e.g. a console)
Processing	AGC — automatic gain control
High-pass filter	Off / 80 / 120 / 250 Hz
Low-pass filter	Off / 8 / 12 / 16 kHz

Network

Ports	LAN 1 – 1 Gbps (PoE+ in); LAN 2 – 1 Gbps (PoE out) — both ports always enabled, no license required
IP addressing	DHCP by default, falling back to the default IP address **192.0.2.1**; or static
Ports & services	HTTP 80 (management panel); UDP 1337 (firmware update), 1338 (control), 9000 (API), 5353 (mDNS _caster._tcp)
Control API	Text-based, UDP port 9000
LAN port modes	**Bridged** — Dante® and control on both ports, for daisy-chaining **Isolated** — LAN 1 for Dante® only, LAN 2 for Bettear control only

Physical & environmental

Dimensions	200 × 200 × 51 mm; bracket Ø 84 mm
Weight	419 g (0.92 lbs); bracket 25 g; shipping 589 g
Operating temp.	−12 °C to +40 °C (10.4 °F to 104 °F)
Colors	White, Black
Mounting	Wall/ceiling bracket (included) or 3/8" threaded stand

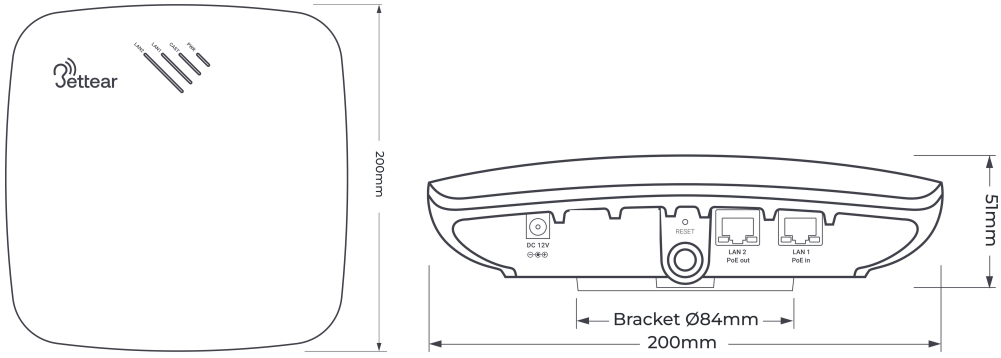
Radio

Technology	Bluetooth® 5.3 Low Energy (Auracast™)
Frequency range	2402 – 2480 MHz (2.4 GHz ISM band)
TX power	Selectable 5–20 dBm via panel or Hive Central
Antenna	Internal or external — switchable from the management panel or Hive Central
Antenna connector	RP-SMA jack (male center pin), 50 ohm — takes an RP-SMA plug antenna
Codec	LC3 (16 / 24 / 48 kHz)
Broadcast modes	Stereo / Dual Mono
Secure broadcast	4–16-character password, AES128

Regulatory

EU / UK	CE (RED 2014/53/EU); UKCA
USA / Canada	FCC (Part 15.247); ISED (RSS-247)
Japan	MIC / TELEC
Australia / NZ	RCM — AS/NZS 4268, CISPR 32, 2772.2, 62368.1
Environmental	RoHS, WEEE (Cat. V)

Dimensions



What's in the box

SUPPLIED

CASTER XD unit and wall/ceiling mounting bracket

REQUIRED – NOT INCLUDED

12 VDC / 2.5 A power supply – or power the unit over PoE+ (IEEE 802.3at) on LAN 1

Use a safety-approved AC/DC adapter (IEC/EN 62368-1 or equivalent) with a limited power source output.

Accessories & compatible devices

ITEM	WHAT IT DOES	TYPE
2.4 GHz antenna (RP-SMA plug)	External antenna to tune RF coverage to the room	Add-on
RTX receivers / RTX GO	Receive the broadcast with headphones or a neck loop	Compatible device
B-PASS	Quick access to streams with Tap-to-Access and QR code scanning	Compatible device
Hive Central	Centralized management software to configure, update and monitor CASTERs and other Bettear devices	Software

Accessories and compatible devices are sold separately.

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Troubleshooting

PROBLEM	WHAT TO DO
The management panel does not open	Check the Ethernet cable to **LAN 1** and that the computer is on the same local network. With a DHCP server, find the unit's address with an IP scanner; without one, set the computer to a static IP in the same subnet (e.g. 192.0.2.10) and browse to the default address **192.0.2.1** – see chapter 04.
The panel stopped opening after a settings change	The Web UI may have been switched off. Turn it back on from Hive Central, by sending **SET ui.enabled 1** to the Control API, or with a factory reset – see chapter 06.
The panel username or password is lost	Perform a factory reset with the Reset button (hold 10 seconds) or from Hive Central. The next person to open the panel sets new credentials. Network settings return to their defaults.
The panel does not reopen after a new static IP is saved	Set the computer to the new subnet and browse to the new address.
Listeners cannot find the broadcast	Check that the CAST indicator is on and the broadcast is enabled. Mount the unit at least 3 m high with a clear line of sight, and raise the TX power if needed. Check that **Antenna Output** matches the antenna in use – select External Antenna only with an antenna connected.
A stream is shown with a lock	The broadcast is encrypted. Listeners join it with its passphrase or by tapping a B-PASS panel.
No audio, or the level is too low or distorted	Check the Dante® routing in Dante Controller and that the two Dante® channels are not muted. Adjust the digital gain, or enable AGC.
An RTX does not show the stream's language	Set the language in the Broadcast section. The RTX shows a language from firmware 1.5.0.
Isolated port configuration cannot be selected	The Dante® firmware is older than 4.2.24.2 or the product version is older than 6.7.5 – the Summary shows **Upgrade needed**. Download CASTER-XD-Dante-6.7.5.dnt from the CASTER product page and update it per the *CASTER XD – Dante Firmware Update Guide*.
The management panel cannot be reached through LAN 1	The unit is in Isolated mode, where LAN 1 carries Dante® only. Connect the computer to **LAN 2**, or factory reset the unit (Reset button, 10 seconds) to return it to Bridged.
The CASTER XD does not appear in Dante Controller	In Isolated mode, connect the Dante® network to **LAN 1**. The Dante® interface has its own IP address, separate from the management address.
A unit connected to LAN 2 is not powered	PoE out on LAN 2 needs the first unit powered from a 12 V supply or a PoE+ source. Power a third unit separately.
The CASTER Upgrade Tool cannot reach the unit	Connect the computer to the same network as the unit and enter its current IP address.
The unit does not respond	Disconnect and reconnect the power. If the problem persists, perform a factory reset – see chapter 10.

Still need help? Contact Bettear support at support@bettear.com or your local Bettear distributor.

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Safety & support

Regulatory notices

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and receiver; connect the equipment into an outlet on a circuit different from that to which the receiver is connected; consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
- Always observe standard safety precautions during installation, operation and maintenance of this product. Only qualified and authorized service personnel should carry out adjustment, maintenance or repairs to this product. No installation, adjustment, maintenance or repairs should be performed by either the operator or the user.
  Respectez toujours les standards de sécurité durant l'installation, l'opération et la maintenance de ce produit. Seul le personnel de service qualifié et autorisé devrait effectuer l'ajustage, la maintenance ou les réparations de ce produit. Aucune opération d'installation, d'ajustage, de maintenance ou de réparation ne devrait être effectuée par un opérateur ou l'utilisateur.
- This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference; (2) this device must accept any interference, including interference that may cause undesired operation of the device.
  Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Hearing safety

This product can deliver audio at a high volume that could damage hearing if used improperly. Make sure the volume on the listening device is turned down before use, then raise it only as far as needed. Do not let children or unauthorized individuals use the product without supervision. Automatic gain control (AGC) helps prevent intense noise bursts.

Medical device safety

Before using the CASTER XD with an implantable or other medical device, consult your physician or the device manufacturer, and follow the safety guidelines they provide.

Warranty & privacy

Visit www.bettear.com for warranty, service and privacy policy information.

Warning: electrical shock hazard. No user-serviceable parts inside. To reduce the risk of electrical shock, do not remove or open the cover. Contact Bettear for assistance.

Support

Email	support@bettear.com
Website	www.bettear.com
Phone	+972-3-777-8630
Address	33 Ha'Barzel, Tel Aviv, Israel

Or contact your local Bettear distributor.

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Related documentation & tools

Functions that use other Bettear products or software are described in their own manuals and guides, available on bettear.com.

Hive Central User Guide Online guide, on the Hive Central page of bettear.com	bettear.com/hive-central-guide
Hive Central software Download from the Hive Central page	bettear.com/products/hive-central
CASTER API Guide On the CASTER product page	bettear.com/products/caster
CASTER Upgrade Tool Download from the CASTER product page	bettear.com/products/caster
CASTER XD – Dante Firmware Update Guide On the CASTER product page	bettear.com/products/caster
CASTER XD Dante® firmware 4.2.24.2 / 6.7.5 – CASTER-XD-Dante-6.7.5.dnt Download from the CASTER product page	bettear.com/products/caster
RTX user manual On the RTX product page	bettear.com/products/rtx
B-PASS user manual On the B-PASS product page	bettear.com/products/b-pass