

AuraGate-NET

AuraGate is an innovative broadcasting terminal designed to deliver a high-quality audio experience. By combining Auracast™ broadcasting and cutting-edge technologies, we offer smooth, stable audio broadcasting that is faithful to the original source, regardless of the listening environment (auditorium, cinema, airport, outdoor concert, etc.).



AuraGateNET-BL

AuraGateNET-WH

RF

Connectivity	Auracast™ (Bluetooth 5.2 scalable)
Operating frequency	2402 à 2480 MHz
Mode Auracast™	Transmitter
Encryption	AES-CCM
Broadcasting power	10 dBm (EU) et 20 dBm (USA)

CONTROLS

Functions of mechanical buttons	4 switches: First function: Microphone/LINE/Phantom Second function: BLE/CONFIG/UPDATE or AURACAST mode
Configuration	App AuraConnect / AuraConnect Desktop
Update	App AuraConnect / AuraConnect Desktop

PERIPHERALS

Status LED	Multifonction RVB
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AUDIO INPUT (AURACAST™)

Auracast™ stéréo	Quality : 16, 24 ou 48 kHz
Multi-canal	Up to 2 streams Auracast™
Measured range	150 m (open field)

AUDIO OUTPUT (PHYSICAL)

Mode	Mono/Stereo via POE +
Connection	3 pins (differential)
Impedance	4 ou 8 Ohm
Nominal output	400 mW

AUDIO INPUT	
LINE or MICRO inputs	2x Analog LINE/MICRO inputs + Dante, PoE+
DANTE	Yes (2RX 2TX)

AUDIO INPUT	
Sampling rate	16 kHz
	24 kHz
	48 kHz
Codec	LC3
Frequency responses	16 kHz : 50 à 7 500 Hz
	24 kHz : 50 à 11 000 Hz
	48 kHz : 50 à 19 500 Hz
Latency	30 ms
Automatic Gain Control (AGC)	Yes

POWER SUPPLY AND CHARGING	
Power supply	POE
Secondary power supply	DC 33 at 57 V 2A
Connection to the station	PoE
Daisy chaning connection	Up to 3 additional devices

TECHNICAL SPECIFICATIONS	
Dimensions	190 x 190 x 50 mm
Unit weight	350g
Storage temperature	-15 to 60 °C

INSTALLATION

The AuraGateNET is very easy to install on a wall, ceiling, behind a screen, or even under a piece of furniture. Screw in its mounting bracket with built-in security, then snap the AuraGateNET into place! Configurable via the AuraConnect app or AuraConnect Desktop.

USE

Power the AuraGateNET using the supplied power adapter or via PoE. At startup, set the unit to engineer mode and connect it to your AuraConnect app or AuraConnect Desktop. Configure the broadcast name, audio quality, range, and optionally a password and you're all set! If you opted for a code-based connection, share the password and/or QR code with the room manager or print them out.

BACK VIEW

