

# AuraGate

AuraGate by Opus is an innovative broadcast terminal designed to deliver a high-quality audio experience. By combining Auracast™ broadcasting and cutting-edge technologies, we offer fluid, stable audio broadcasting faithful to the original source, whatever the listening environment (auditorium, a cinema, airport, open-air concert etc...).



AuraGate-BL

AuraGate-WH



## RF

Connectivity	Auracast™ (Bluetooth 5.2 and up)
Operation frequency	2.402 to 2.480 MHz
Auracast™ mode	Transmitter
Encryption	AES-CCM
Transmitter power	10 dBm (European Union) and 20 dBm (United States of America)

## CONTROLS

Mechanical buttons	4 switches : First function : Micro/LINE/Phantom Second function : set to BLE/CONFIG/UPDATE or AURACAST mode
Configuration	AuraConnect application
Update	AuraConnect application

## PERIPHERALS

Status LED	RGB multifunction
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## AUDIO INPUT (AURACAST™)

Auracast™ stereo	Quality : 16, 24 or 48 kHz
Field range	Up to 100m (open range)

## AUDIO OUTPUT (PHYSICAL)

Mode	Mono/stereo
Connection	3 pins (differential)
Impedance	4 or 8 Ohm
Nominal output	400 mW

## AUDIO INPUT

LINE or MICRO inputs	2x LINE/MICRO inputs (mono mixed)
100 V input	1x 100 V
SPDIF input	1x SPDIF input
USB port	1x USB-C input
Compatible with our LD Opus Technologies product range	

## AUDIO PROCESSING

Sample rate	16 kHz
	24 kHz
	48 kHz
Codec	LC3
Frequency responses	16 kHz : 50 to 7.500 Hz
	24 kHz : 50 to 11.000 Hz
	48 kHz : 50 to 19.500 Hz
Automatic Gain Control (AGC)	Yes
Latency	30 ms

## POWER SUPPLY AND CHARGING

Power supply	USB-C
Power	5 V, 300 mA
Dock connection	USB-C / PoE

## Product specifications

Dimensions (L x W x D)	190 x 190 x 50 mm
Weight	250 g
Temperature storage	-15 to 60°C

## INSTALLATION

The AuraGate 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 AuraGate into place! Configurable with the AuraConnect app.

## USE

Power the AuraGate using its supplied USB-C power adapter or via PoE with the Aura-POE. At startup, set the device to engineer mode and connect to the unit thanks to your AuraConnect app. Configure the broadcast name, audio quality, range, and optionally a password and you're all set! If you opted for a secured broadcast, share the password and/or QR code with the room manager or print them out.

## REAR VIEW

