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-WH

AuraGate-BL

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)

CONTROL

Mechanical button functions	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

AUDIO OUTPUT (AURACAST™)

Auracast™ stereo	Quality : 16, 24 or 48 kHz
Multi-channel	Up to 2 Auracast™ stream
Mesured range	150m (open range)

AUDIO INPUT (PHYSICAL)

Mode	Mono
Connexion	3 pin (differential)
Impedance	4 or 8 Ohm
Nominal output	400 mW

AuraGate

AUDIO INPUT

LINE or MICRO inputs	2x LINE/MICRO inputs
100 V input	1x 100 V terminal input
SPDIF input	1x SPDIF input
USB input	1x USB-C input
Compatible with our LD Opus Technologies product range	
Onboard microphone	Yes

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
Latency	30 ms
Automatic Gain Control (AGC)	Yes

POWER 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 60ºC

INSTALLATION

AuraGate is easy to install on a wall, ceiling, behind a screen or integrated into a furniture. Simply screw its safety mounting bracket and clip the AuraGate!

USE

Power the AuraGate using its supplied power supply. At start-up, connect your AuraConnect application to the terminal. Configure the broadcast name, audio quality, range and, if required, an access code, and you're ready to go! If you've chosen a code connection, share the code and QR Code with the room manager, or print it out.

REAR VIEW