

HDC20

The HDC20 is a 3.5 Arms loop system designed for reception desks, with the option of connecting an Opus Auracast™ transmitter (Aura-CA). It comes with a 24 V / 3 A power supply.

Available in hybrid or upgradeable versions (optional Auracast™ module). The product can cover rooms up to 70m² depending on the configuration.



Power supply

Voltage	24V DC
Current	3A
Type	External power supply

INPUTS

1 line input	Symmetrical or asymmetrical line
1 microphone input	3.5mm Jack
Phantom Mic 1 Power supply	12V (activated via Dipswitch)

AURACAST™ OUTPUT

Auracast™	Not integrated
Auracast™ connector	Connector on PCBA or 4-point terminal block

LOOP OUTPUT

Number of loop outputs	1
Loop connector	2 pts - 3.5 mm pitch Buchanan series
Output signal	Voltage - polarized at $V_{in}/2$
Loop output current	3 Arms
Output voltage	48Vpp/3Arms max. depending on loop characteristics

AUDIO

Frequency response	80Mhz-8kHz
Metallic	Adjustable MLC
Automatic gain control (AGC)	Peak detection adapted for voice

SETTINGS AND USER INTERFACE (UI)

Configuration	Dipswitch
Input and output adjustment	Potentiometer
LED	Power, Auracast™, Fault / Error, Loop

INSTALLATION

Mounted under a reception counter or directly on the wall, the HDC20 is quick and easy to install. Connect the OP-ILB loop supplied in the kit (model HDC20-K-K1-K2-WALL). Adjust the amplifier to the IEC standard using the OP-FSM field strength meter. Easily make your HDC compatible with Auracast™ by combining it with a compact Aura-CA diffuser.

USE

The HDC20 is the ideal device for integrated fixed solutions, for installation on reception counters and in small spaces. This discreet amplifier is designed to provide audio accessibility for people with hearing aids equipped with a telecoil.

PRODUCT REFERENCES

HDC20A	The HCD20A is a hybrid driver that integrates a 3Arms loop driver and an Auracast™ transmitter for meters. Supplied with a 24 V 3 A power supply.
HMD1.0	1-channel loop amplifier without Auracast™ (Ready connection)
HMD1.0A	1-channel loop amplifier with integrated Auracast™
HMD1.2	2-channel loop amplifier without Auracast™ (Ready connection)
HMD1.2A	2-channel loop amplifier with integrated Auracast™

HYBRID KITS

HDC20A-K
HDC20A-K1
HDC20A-K2
HDC20A-WALL
HMD1.0A-SA
HMD1.0A-TV

KITS HDC



HDC20-K

Phoenix connectors
Screwdriver
OP-ILB (New loop)
Adhesive Clip
OP-M (Surface Microphone)
IEC Compliant sticker



HDC20-K1

Phoenix connectors
Screwdriver
OP-ILB (New loop)
Adhesive Clip
OP-M81 (Surface Microphone)
Power supply
IEC Compliant sticker



HDC20-K2

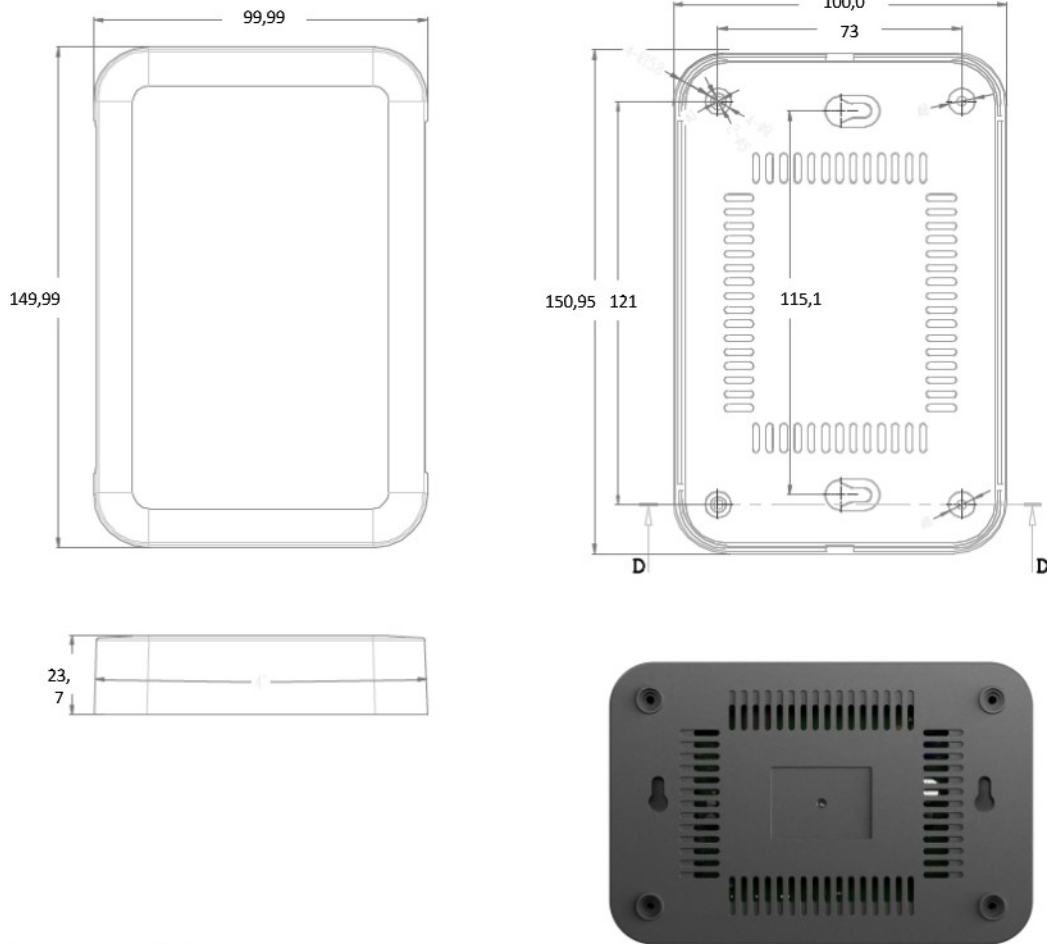
Phoenix connectors
Screwdriver
OP-ILB (New loop)
Adhesive Clip
OP-M81 (Surface Microphone)
Power supply
OP-E3
IEC Compliant sticker



HDC20-WALL

Phoenix connectors
Screwdriver
OP-WALL (Loop integrated in PMMA)
Adhesive Clip
OP-M81 (Surface Microphone)
Power supply
IEC Compliant sticker

HDC20



Complementary products:

AuraSTRX

Auracast receiver with touch screen.



TR-iL

Magnetic necklace to hold the magnetic loop with a 3.5mm plug.



OP-778

Professional headset with 3.5 mm jack. More durable headset offering better sound quality.



AuraCH5

5-slot smart charging station for AuraSTRX with configuration function.



Aura-CA

Compact Auracast transmitter for loops or window intercoms.



OP-FSM-02

Field meter for magnetic loop with OP-778 headset.

