

HDC20A

The HDC20A 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 into HDC20 / Integrated into HDC20A |
| 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 Vin/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 |

HDC20A

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 HDC20A 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

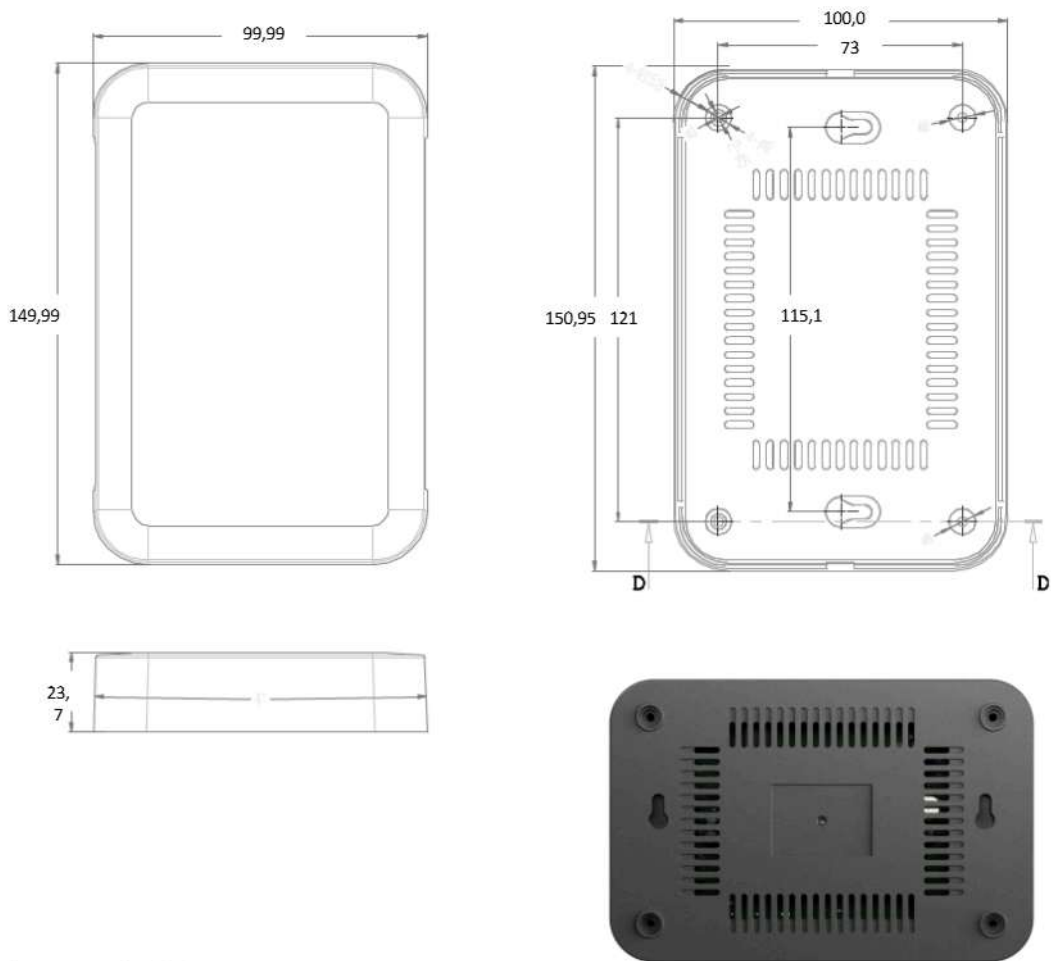
| |
|-----------------------------|
| Phoenix connectors |
| Screwdriver |
| OP-ILB (New loop) |
| Adhesive Clip |
| OP-M81 (Surface Microphone) |
| Power supply |
| OP-E3 |
| IEC Compliant sticker |



HDC20-WALL

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

HDC20A



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.

