

Unite RP / Unite RP-T

Digital Bodypack Receiver



Unite RP



Unite RP-T

Description

The compact Unite RP bodypack receiver is ideal for guided tours. Interpretation applications and assistive listening are also possible.

Headphones or an induction loop for people with hearing aids can be connected to the mini jack connection (3.5 mm). The Unite RP-T version can also be used with a headset.

Furthermore, the Unite RP-T version has an integrated microphone and talkback button. This talkback function of the receiver allows the dialogue within one group. More guides or speakers can also be actively integrated. A maximum of three people can speak simultaneously within one larger group.

The connection cable of the headphones, headset or the induction loop also serves as an antenna, so that the wearing comfort is not impaired by a separate antenna.

Outside, the operating range is up to 300 m when the transmitter and receiver are in line of sight.

The OLED display provides a brilliant, easy-to-read display of channel, battery status and various menus.

The receiver can either be attached to clothing with the belt clip, or worn around the neck with a neck strap.

The transmitter is powered by an integrated lithium-ion battery pack.

The receiver meets the requirements for accessibility due to raised symbols on the control buttons and braille on the talkback button (Unite RP-T).

All devices are supplied with a predefined group ID and fixed audio encryption allowing quick and easy setup. This allows for quick and easy initial use. The group ID identifies devices that can be placed in a virtual group. For example, all devices within a building, a tour group

or a conference room. The transmitter will only transmit the audio signal to a channel with a predefined channel name. If there are several transmitters in a group, the channel for the respective transmitter can be selected on the receiver. You will need to establish a pairing if you require several device groups or secure audio transmission that cannot be intercepted by another group using Unite devices.

Features

- » Compact design
- » DECT technology for worldwide use without registration and free of charge
- » High security against unauthorised listening due to AES-256 code encryption
- » On-off and menu button
- » Multifunction button
- » Volume button for connected headphones, headset, induction loop
- » Status indicator (LED) for operating and charging status
- » OLED display to indicate the channel name, battery status and different menus
- » USB connection, type C for audio and charging
- » **Unite RP:** Connection for headphones / induction loop
- » **Unite RP-T:** Connection for headphones / headset / induction loop
- » Operation with integrated lithium ion battery
- » Operation time > 15 hours
- » Belt clip to attach to clothing
- » Removable neck strap for wearing around the neck

Unite RP-T version additionally with:

- » Integrated microphone
- » Talkback button for speaking to the guide

Versions

» Unite RP:

- **Ref. 71.98.4000 (EU):** DECT band Europe (1,880 - 1,900 MHz)
- **Ref. 71.98.4001 (NA):** DECT band North America (1,920 - 1,930 MHz)
- **Ref. 71.98.4002 (JP):** DECT band Japan (1,893 - 1,906 MHz)

» Unite RP-T:

- **Ref. 71.98.4003 (EU):** DECT band Europe (1,880 - 1,900 MHz)
- **Ref. 71.98.4004 (NA):** DECT band North America (1,920 - 1,930 MHz)
- **Ref. 71.98.4005 (JP):** DECT band Japan (1,893 - 1,906 MHz)

Supplied Accessories

- » Unite TP bodypack transmitter with mounted belt clip
- » Neck strap
- » (RP-T only) Two spare caps for the mute button

Optional Accessories

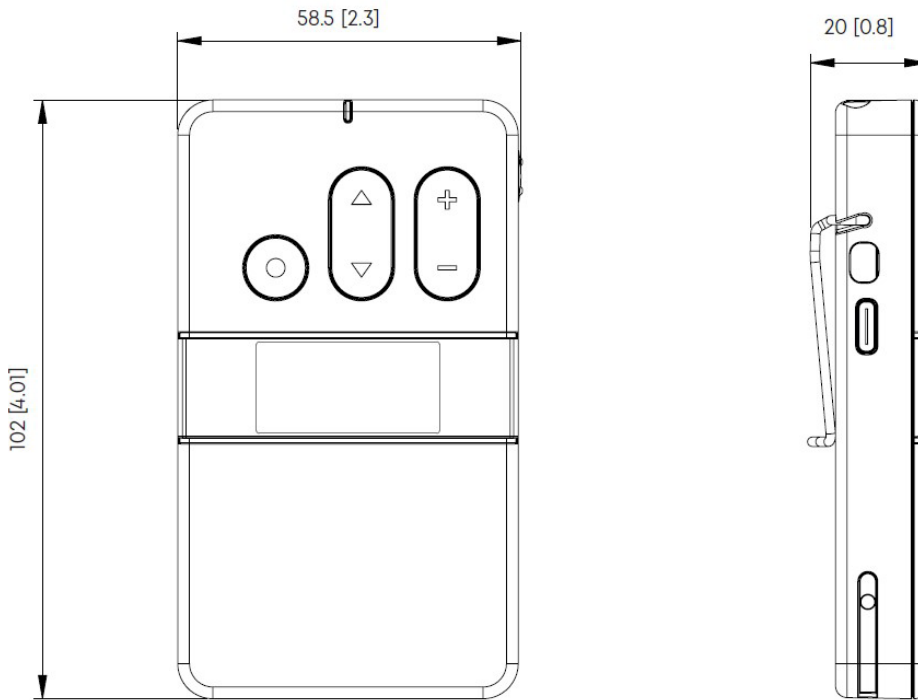
- » **EP152 - Ref. 71.04.0155:** lightweight & dynamic single earphones, 1.5 m connection cable with 3.5 mm stereo jack connector
- » **TEL152 - Ref. 71.04.0154:** lightweight and dynamic headphones, 1.5 m connection cable with 3.5 mm stereo jack connector
- » **IL 200 - Ref. 71.04.0164:** Induction loop, 0.20 m, mini stereo jack (3.5 mm), extension cable 0.77 m

Specifications

DECT radio frequency range:	
• EU (Europa)	1,880 to 1,900 MHz
• NA (Nord America)	1,920 to 1,930 MHz
• JP (Japan)	1,893 to 1,906 MHz
DECT transmission power	Up to 250 mW (peak), depending on the country
DECT operating range	Up to 300 m outside (line of sight); the actual operating range depends upon the RF output settings, the surroundings, the signal absorption, signal reflection and signal interference
Audio bandwidth	
Low quality (SD)	50 Hz - 7 kHz (-3 dB)
High quality (HD)	50 Hz - 14 kHz (-3 dB)
Operating mode	Broadcast and/or full-duplex on all routes
Encryption	AES-256 encryption

<ul style="list-style-type: none"> • Connector for headphones / induction loop (Unite RP) • Connector for headphones / induction loop / headset (Unite RP-T) 	4-pin mini jack, 3.5 mm, CTIA Standard
Display	Monochrome white OLED display with high contrast
Battery	Lithium-ion battery pack BAT-3707 3.7 V / 1880 mAh / 6.96 Wh Replaceable by service staff only
Battery monitoring	Battery status of remaining capacity via OLED display
Operating time of battery pack	RP & RP-T: 31.5 hrs., typ. RP-T with active talkback: 18.5 hrs., typ.
USB Type C connector	USB 2.0/3.0 standard, compatible to 5 V power supplies only, power consumption max. 500 mA
Strap anchor points	Available, neck strap removable
Dimensions (W x H x D)	58 x 102 x 15.5 mm
Weight (incl. battery)	105 g
Temperature range:	
• Charging	0 to +35 °C / +32 to +95°F
• Operation	-10 to +40 °C / +14 to +104°F
• Storage	-20 to +50 °C / -20 to +122°F
Relative humidity	0 to 90%
Unite RP-T Only:	
• Integrated microphone	Yes
• Side-tone and microphone gain	Individually adjustable
• Max. number of open microphones	3 (individual level control for each microphone)

Dimensions in mm and [inches]



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