

Unite RP | Unite RP-T

Digital Bodypack Receiver

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
- Charging via charging contacts or USB connection, type C
- **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

APPLICATIONS

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.

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VERSIONS

Unite RP	Digital bodypack receiver, EU version, with OLED display, headphone mini jack (3.5 mm), USB type C, integrated Li-Ion battery, incl. belt clip and neck strap Order # 710.679
Unite RP (NA)	same as above, but version for North America. Order # 739.251
Unite RP (JP)	same as above, but version for Japan. Order # 739.316
Unite RP-T	same as Unite RP, however, with talkback function and integrated microphone. Order # 710.687
Unite RP-T (NA)	same as above, but version for North America. Order # 739.278
Unite RP-T (JP)	same as above, but version for Japan. Order # 739.324

SUPPLIED ACCESSORIES

- Unite RP or RP-T bodypack receiver with mounted belt clip
- Quick start guide
- Neck strap
- Unite RP: Two spare blind caps
- Unite RP-T: Two spare caps for the talkback button

OPTIONAL ACCESSORIES

DT 1	Single-ear headphone, 32 Ω , mini stereo jack (3.5 mm), cable length 0.9 m Order # 724.521
DT 2	Headphones, 32 Ω , mini stereo jack (3.5 mm), cable length 0.8 m Order # 484.679
IL 200	Induction loop, 0.20 m, mini stereo jack (3.5 mm), extension cable 0.77 m Order # 725.161

TECHNICAL SPECIFICATIONS

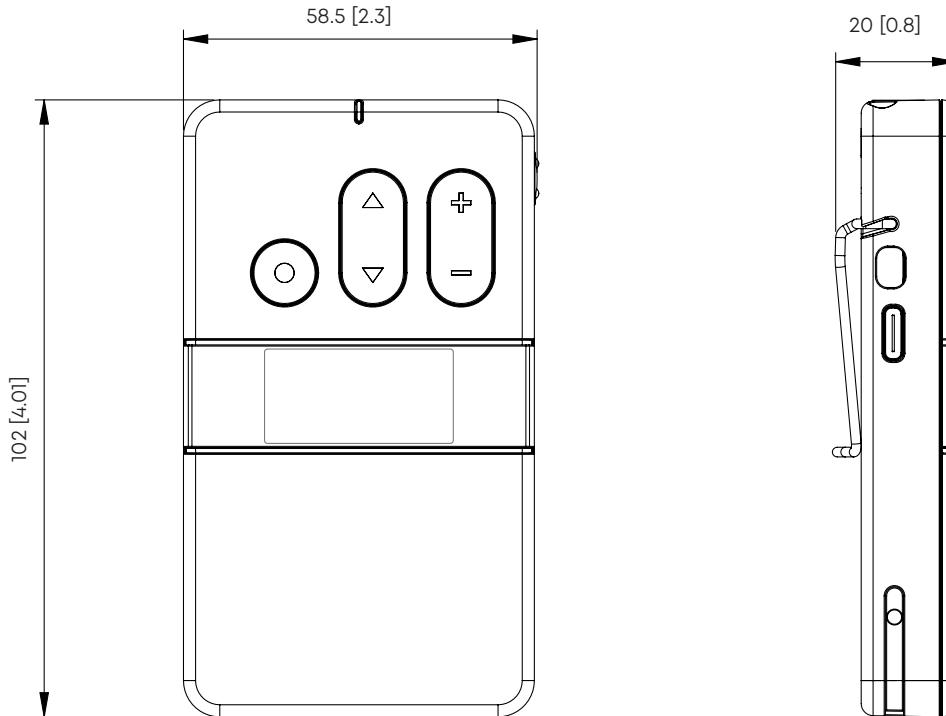
DECT RF frequency range	1880 - 1930 MHz, depending on the country
DECT transmission power	up to 250 mW (peak), depending on the country
DECT operating range	up to 300 m outside (line of sight); the actual operating range depends upon the RF output settings, the surroundings, the signal absorption, signal reflection and signal interference
Audio bandwidth	
Low quality (SD).	200 Hz - 7 kHz (-3 dB)
High quality (HD).	100 Hz - 14 kHz (-3 dB)
Operating mode	Broadcast and/or full-duplex on all routes
Encryption	AES-256 encryption
Connector for headphone/induction loop/headset (Unite RP-T only).	4-pin mini jack, 3.5 mm, CTIA Standard
Display	monochrome white OLED display with high contrast
Battery	lithium-ion battery pack, replaceable by service staff only
Battery monitoring	Battery status of remaining capacity via OLED display
Operating time of battery pack	> 15 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	
Operation	-10 to +40 °C
Storage.	-20 to +70 °C
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)

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DIMENSIONS



All dimensions in mm and [inch].

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