

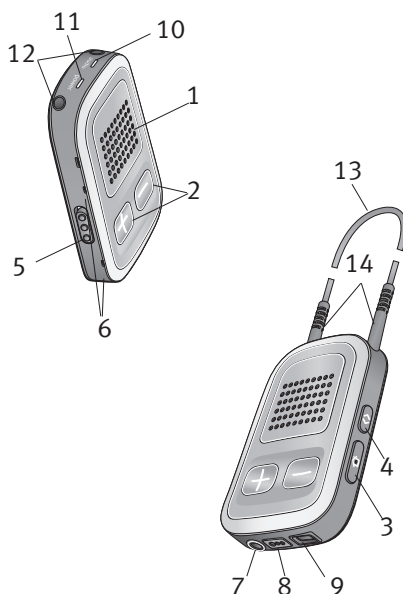
# uDirect 3

## Technical data

The Unitron uDirect™ 3 has the convenience of wireless streaming of audio input sources together with remote control functionality for Unitron hearing instruments. uDirect 3 connects Unitron hearing instruments to Bluetooth® devices such as cellular phones, uTV™3, uTV 2, MP3 players and FM receivers and offers spoken voice notifications.

### Description

- 1 Access (A)
- 2 Volume (+/-)
- 3 Home (house icon)
- 4 Connect (left arrow)
- 5 On/Off switch (I/O)
- 6 Microphone openings
- 7 Audio input (3.5 mm jack)
- 8 FM input (Europlug)
- 9 Charging input (mini-USB)
- 10 Audio indicator
- 11 Power indicator (power)
- 12 Neckloop sockets
- 13 Neckloop (with antenna)
- 14 Neckloop plugs



### Special features

- Bluetooth and wired audio inputs
- Up to 24 hours continuous streaming time
- Binaural streaming of audio signals in stereo
- VoiceAlerts for easy interaction
- Compatible with Unitron uControl™ App

### Available accessories

- Audio cable, 1.5 m / 5 ft.
- Universal power supply, mini-USB
- Neckloop standard (73 cm / 29")
- External lapel microphone "MC1"
- Protective cover
- 12v car charger, mini-USB
- (Availability may vary depending on country)

### General information

Dimensions (LxWxH):	7.2 x 4.9 x 1.4 cm (2.8 x 1.9 x 0.6 inches)
Weight:	46 g
Color:	Cashmere silver
Operating conditions:	0° C to 40° C (32° F to 104° F) relative humidity of <95% (non condensing)
Storage and transportation conditions:	-20° C to 60° C (-4° F to 140° F) relative humidity of <90% (non condensing)

## Power and battery information

Battery:	Lithium Polymer 3.7 V DC
Charging time:	90 minutes Charging time depends on initial battery state Full performance is achieved after three complete charge and discharge cycles
Capacity:	450 mAh (typ.)
Operating time:	Up to 24 hours Bluetooth streaming 1 week switched on, Bluetooth on stand-by Up to 24 hours audio streaming via cable Up to 24 hours streaming via FM system 2 weeks remote control
Charging input:	Type: DC, stabilized 5 V +/- 5% Max. current: 500 mA The battery cannot be over-charged. It may become warm during charging. Important notice: It is recommended to only use the original Unitron charging unit


## Audio information

Audio input supported:	Wired (3.5 mm jack) Bluetooth audio (stereo) Bluetooth phone Direct audio input
Audio quality:	Stereo / 22 kHz sample frequency
Audio bandwidth:	20 Hz – 10 kHz

## Bluetooth

Bluetooth profiles:	Headset Profile (HSP) Handsfree Profile (HFP) Advanced Audio Distribution Profile (A2DP) Audio Video Remote Control Profile (AVRCP) Phone Book Access Profile PBAP
Bluetooth range:	10 m (Class 2)
Bluetooth compliance:	Bluetooth version 4.1 + EDR / +LE
Max. paired devices:	6
Maximum of simultaneously connected profiles:	3 A2DP 2 HSP/HFP (usually 2 cellular phones and 1 uTV 3 or uMic)

## Compatibility

Streaming and remote control*	Wireless Unitron North™ platform hearing instruments
 <b>Bluetooth</b>	The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Unitron is under license. Other trademarks and trade names are those of their respective owners













## Radio information

	Loop antenna	Ferrite antenna
Type:	Removable, inductive	Integrated, inductive
Operation frequency:	10.6 MHz	10.6 MHz
Occupied bandwidth (99% BW):	582 kHz	556 kHz
Modulation:	8-DPSK	8-DPSK
Channel:	Single channel radio	Single channel radio
Magnetic field strength@10 m:	-18 dBµA/m	-16 dBµA/m
Operating range to hearing aid:	40 cm (15")	Up to 100 cm (39")
Wearing option:	Worn around neck	Handheld
Use case:	Streaming and remote control	Remote control only

## Standards applied

Europe	ETSI EN 300 330 (HiBAN) ETSI EN 300 328 (Bluetooth) EN/IEC 60601-1-2 EN 301489-1,-3,-17 EN/IEC 60601-1 EN 60950-1 EN 62479
USA	FCC 47 CFR Part 15.209 (HiBAN) FCC 47 CFR Part 15.247 (Bluetooth)
Canada	RSS-210 (Issue 8) Annex 1 (HiBAN) RSS-210 (Issue 8) Annex 8 (Bluetooth)
Japan	EWPE (HiBAN), ARIB-T66 (Bluetooth)

## Status light indication

Demo sound	Solid violet	
Bluetooth streaming	Solid blue	
Jack or Europlug streaming	Solid orange	
Pairing mode	Rapid blue blinking	
Switching on	Green 2 seconds	
Switching off	Red blink then solid 2 seconds	
Charging	Solid red	
Fully charged while charger attached	Solid green	
<10% battery left	Short red flash	
<50% battery left	Double red flash	
Enable/disable lock state	Triple red flash (locked) Triple green flash (unlocked)	 

\*Note: Remote control option must be enabled by the hearing healthcare professional.