

uDirect 2

Technical data

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

Description

Buttons

- a Access (A)
- b Volume or SmartFocus* (+ -)
- c Home (⬆)
- d Connect (↔)
- e ON/OFF switch (I/O)

Inputs

- f Microphone openings
- g Audio input (3.5 mm jack)
- h FM input (Europlug)
- i Charging input (mini-USB)

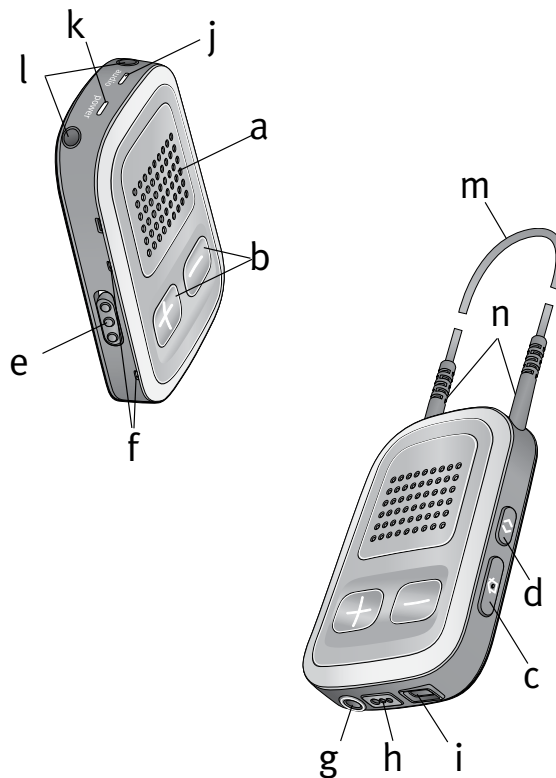
Indicators

- j Audio indicator
- k Power indicator

Neckloop

- l Neckloop sockets
- m Neckloop (with antenna)
- n Neckloop plugs

*Can be configured by your hearing healthcare professional.



Available accessories

Audio cable, 1.5 m / 5 ft.

Universal power supply, mini-USB

Neckloop standard (73 cm; 29")

Neckloop short (50 cm; 20")

External lapel microphone "MC1"

uTV 2

12V car charger, mini-USB

(Availability may vary depending on country)

General information

Dimensions: L x W x H: 7.2 x 4.9 x 1.4 cm (2.8" x 1.9" x 0.6")

Weight: 46 g

Color: Dark grey/black

Operating conditions: 0°C to +45°C / < 95% relative humidity (non condensing)

Storage and transportation conditions:
-20°C to +60°C / < 90% relative humidity (non condensing)

Power supply

Battery:	Lithium Polymer 3.7V DC
Charging time:	1 hour Charging time depends on initial battery state. Full performance is achieved after three complete charge and discharge cycles
Capacity:	450 mAh (typ.)
Operating time:	8 hours: Bluetooth streaming 48 hours: switched on, Bluetooth on stand-by 10 hours: audio streaming via cable 9 hours: streaming via FM system 2 months: remote control
Charging input:	Type: DC, stabilized 5V +/- 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 supplied charging unit

Audio information

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

Bluetooth

Bluetooth profiles supported:	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 (33 ft) (Class 2)
Bluetooth compliance:	Bluetooth version 2.1
QDID:	B018562
Max. paired devices:	8
Maximum of simultaneously connected profiles:	2 A2DP 2 HSP/HFP (usually 2 cellular phones or 1 cellular phone and 1 uTV 2)

Radio information

	Loop antenna	Ferrite antenna
Type:	Removable, inductive	Integrated, inductive
Operation frequency:	10.6 MHz	10.6 MHz
Occupied bandwidth (99% BW):	588 kHz	570 kHz
Modulation:	FSK	FSK
Channel:	Single channel radio	Single channel radio
Magnetic field strength at 10 m:	<-34 dBµA/m	<-11.5 dBµA/m
Operating range to hearing aid:	20 cm (8")	80 cm (33")
Wearing option:	Worn around neck	Handheld
Use case:	Streaming & remote control	Remote control only

Standards applied

Europe

Radio:	ETSI EN 300 330 (HiBAN) ETSI EN 300 328 (Bluetooth)
EMC:	EN/IEC 60601-1-2
El. Safety:	EN/IEC 60601-1

USA

47 CFR Part 15.209 (HiBAN)
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)

Compatibility with Unitron wireless hearing aids

Streaming and remote control* Quantum™ and Moxi™ (wireless models only)



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

