## **PHONAK**

communication

**Development** 

**Technical Note** 

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**Technical description of the SmartLink SX FM Transmitter (TX6)** 

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## **SmartLink SX**



Fig. 6: SmartLink SX from top



Fig. 7: SmartLink SX from bottom



Fig 8: SmartLink SX front view with on/off button



Fig. 9: SmartLink SX back view

(from right to left) Buttons top (see fig. 6):

- Omni directional mode

- Zoom 1 - Zoom 2

Buttons bottom (see fig. 7):

- Bluetooth operation (phone symbols)

- the other 4 buttons are used for remote control commands or other

functions

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Fig. 10: SmartLink with "back-pack" plug in



Fig. 11: SmartLink with neck loop plugged in

Connectors are:

In the main unit: Plug in ("back-pack") module

Neck loop antenna

In the plug in ("back-pack") module: DC input

Audio in Microphone in

# **Technical Specifications**

#### General:

Temperature range  $-10^{\circ}\text{C} \le T \le 60^{\circ}\text{C}$ 

Humidity 10 - 90%

Dimension length = 100mm, width = 36mm, height = 20mm

Weight 56g without connector plug in ("back-pack") and neck loop antenna

Power supply voltage 7.5Vdc (for charging), 1.1 mm hole Nokia-Type plug located in a plug in

module

Power supply current < 400mA (during charging)

RF:

Modulation Type Narrow band FM (50kHz channel bandwidth according to ETSI

specifications, 25kHz according the FCC specifications), F3E

Frequency range 169.4 MHz to 220 MHz