

PHONAK communication systems Development	Technical Note Technical description of the SmartLink SX FM Transmitter (TX6)	Doc.: TN040310.doc Ver: V1 Page: 5 of 8 Date: 7/6/2004
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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

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

- 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	$-10^{\circ}\text{C} \leq T \leq 60^{\circ}\text{C}$
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