

inspiro

(Classic FM)

inspiro for first generation guide-U receivers

Technical Data



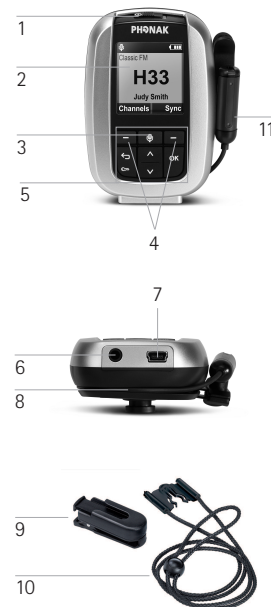
inspiro features

- For first generation guide-U receivers
- Durable
- Easy and intuitive user interface
- Multi-frequency
- Fast charging capabilities
- iLapel microphone
- Two wearing options: clip and lavalier

inspiro for first generation guide-U receivers is a FM transmitter ideally suited to the needs of speakers. The outstanding design, with its large color display, makes this transmitter unique. Soft keys, housing options to suit different types of clothing, and a wealth of other details reflect our passion for userfriendliness.

iLapel features

- Directional miniature microphone
- No switching required
- Easy to clip



Product description

- 1 On/Off switch
- 2 High resolution matrix color LCD
- 3 Microphone mute key
- 4 Soft keys
- 5 Menu navigation
 - Up/Down
 - Escape
 - OK
- 6 3.5 mm Audio input socket
- 7 Mini USB socket for charging and programming
- 8 Microphone cable wrapper
- 9 Clip
- 10 Lavalier
- 11 iLapel microphone

inspiro for first generation guide-U receivers

General data

Type:	Transmitter for first generation guide-U receivers
Length:	83 mm
Width:	56 mm
Height:	21 mm
Weight:	69 g
Operating temperature range:	-10°C to +60°C
Humidity:	20% to 75%

HF characteristics

Frequency switching:	Integrated digital frequency synthesizer, max. 40 programmable channels out of 56 usable channels in total
Frequency stability:	Better than +/- 1 kHz
Modulation:	FM (narrow band)
Antenna:	Integrated in the microphone cable
Operating range:	15 to 30 m
Spurious emissions (EMC):	< -54 dBm ERP (EN 300.422)
Signal to noise ratio*:	>45dB($\Delta f > 4\text{kHz}$)

Audio characteristics

Audio bandwidth:	100 - 6000 Hz
Microphone sensitivity:	97 dB SPL at $f_{\text{mod}} = 1\text{ kHz}$ for $f_{\text{dev}} = 4.0\text{ kHz}$ (100% modulation) 70 dB SPL at $f_{\text{mod}} = 1\text{ kHz}$ for $f_{\text{dev}} = 3.0\text{ kHz}$
Distortion:	THD < 0.2 % at 70 dB SPL with $f_{\text{mod}} = 1\text{ kHz}$ $f_{\text{dev}} = 3.0\text{ kHz}$

Battery

Type:	Lithium Polymer
Dimensions:	Length: 50 mm Width: 25.5 mm Height: 5.8 mm
Voltage:	3.7 V
Capacity:	750 mAh
Operating time:	12 hours
Charging temperature range:	0°C to +45°C
Charging time with charger:	100% in 2 hours 80% in 1 hour

Power supply

Type:	Dedicated inspiro charger
Connector:	mini-USB Type B

Standards

Radiocom:	EN 300.422-1,-2:2001 EN 300.330-1,-2:2006 EN 300.328:2006 CFR 47, part 95, part 15C
EMC:	EN 301.489-3, -9, 17:2002
El. Safety:	EN 60950-1:2006

Accessories and replacement parts

iLapel microphone	Cinch adapter for audio cable
mini USB charger	Replacement battery
miniUSB/USB cable for programming	Replacement clip
Audio cable 1 m / 3 feet	Replacement lavalier
Audio cable 3 m / 10 feet	Replacement alligator clip for iLapel
Scart adapter for audio cable	