

Tour Guide System 40 channels

Can be used up to 15 hours with only one battery. This feature helps the tour to reduce the extra battery weight and cost. Weight only 70g which brings comfort for the users without adding extra weight to their vocation. The channel auto locking function prevents channel changing on mistake and the backlit LCD help users to read the channel number better during dim environment.



- Frequency band on 863 ~ 870 MHz (region dependent)
- 40 channels
- LCD display for battery, channel number reading
- Channel lock and power saving functions
- Fin antenna secures 100+ meter wireless coverage
- Powered by one AA battery (Alkaline or Ni-MH), 15 hours battery life
- Rechargeable design

IMTRADEX HÖR-SPRECHSYSTEME GesmbH

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OVERALL SYSTEM

Oscillation type	PLL Synthesized Control OSC
Carrier frequency range	584 MHz ~ 870 MHz (region dependent)
Operating temperature	-10°C ~ 50°C
Power requirements	1 x AA (1.2V/2500 mAh, Ni-MH) or 1 x AA (1.5V Alkaline)
Channels	40 or 80 (region dependent)
Frequency response	150 Hz ~ 4 kHz
Dynamic range	60 dB
T.H.D.	<3%
Operating range	100 M (line of sight)
Dimensions	24 x 40 x 97 mm
Weight	70 g (with battery)

TRANSMITTER

RF output power	10 mW, subject to local rules
Spurious emission	250 nW
Mic./Aux input	3.5 mm
Battery run time (Ni-MH/Alkaline)	9 hours/10 hours typical
Modulation level	3 kHz

RECEIVER

Receiving mode	PLL single-channel
RF spurious rejection	60 dB
IMD rejection	50 dB
Double intermediate	584 ~ 664 MHz @ 45MHz/455kHz ; 794 ~ 870 MHz @ 21.4MHz/455kHz
Audio level	300 mV
Earphone connector	3.5 mm
Battery run time (Ni-MH/Alkaline)	12 hours/ 15 hours typical

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50 slot charger

Rack-mountable Charger



Power requirements: AC 100-240 V, 50/60 Hz 185 W
Dimensions (DxWxH): 339 x 482 x 211 mm
Weight: 12 kg

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