

DigiBee

Digital Tour Guide System

Digital wireless transmitter and receiver
17 channels, 863-865MHz



Features

- Wireless body pack transmitters and receivers, with rechargeable batteries (1pc AA NiMH, max 2500 mAh)
- Light weight, only 70 gram incl. battery
- Comes with a neck strap
- Range up to 50 m (line-of-sight)
- LCD display for channel and battery status (lights up when channel is changed)
- Smart channel synchronization
- Power saving mode
- Fully charged NiMH battery provides up to 15 hours of use
- Transmitter includes lapel microphone
- Receiver includes single-sided earphone
- Adapted for use with neck loop for hearing aid users (accessory)
- HM-50A Headband microphone available as accessory
- Charger and transport case for 25 units (accessory)

With the best speech intelligibility for hearing aid users

DigiBee digital tour guide system consists of body pack transmitters and receivers, which are easily charged in the charger case. They can be used up to 15 hours when fully charged. If you have forgotten to charge the devices, you can temporarily replace the rechargeable batteries with standard batteries. If there are hearing impaired persons in the audience wearing hearing aids, a neck loop can be connected.

The transmitter and receiver only weighs 70 grams incl. battery. The compact size and the excellent interference-free sound, makes the system a great choice for guided tours.

Univox – co-developed with OKAYO

Univox and Okayo have co-developed body pack transmitters and receivers to improve speech intelligibility for hearing aid users. To comply with accessibility requirements and provide a good audio experience even for the hearing impaired, make sure you use these specially developed products.



DigiBee - Digital Tour Guide System

Specifications

Technical data – body pack receiver and transmitter

Digital receiver and transmitter within the frequency range 863-865 MHz

Channels	17 selectable
Modulation	4 GFSK
Latency	< 5 ms
Audio process	Compander
Dynamic range	> 70 dB
SNR (Signal to Noise Ratio)	> 65 dB
T.H.D. (Total Harmonic Distortion)	< 3%
Channel positioning	Yes
Operation range	up to 50 m (line-of-sight)
Temperature	-10°C ~ + 60°C

Technical data – body pack transmitter

Output	10 mW
Audio input	3,5 mm
Batteries	1 x 1.2V 2500mA Ni-MH AA rechargeable battery or 1 X 1.5V alkaline AA battery
Battery life	> 12 hours
Charging time	Approx. 8 hours
Size (DxWxH)	24x40x87 mm (without antenna)
Weight	70 g (incl. battery)

Technical data – body pack receiver

Sensitivity	-110 dBm
Headphone jack	3,5 mm
Batteries	1 x 1.2V 2500mA Ni-MH AA rechargeable battery or 1 X 1.5V alkaline AA battery
Battery life	> 15 hours
Charging	Approx. 8 hours
Size (DxWxH)	24x40x100 mm (with antenna)
Weight	70 g (inkl. battery)

System components

Art no	Description
591001	DigiBee body pack transmitter, incl. lapel microphone
591002	DigiBee body pack receiver, incl. earphone
591125	HDC-525 Charger case, 25 units (accessory)
581044	HM-50A, Head band microphone (accessory)
283101	Neck loop (accessory)
174103	NiMH accumulator, 1,2V/2500mAh, AA/LR6 (accessory)



Body pack receiver with earphone



Body pack receiver with neck loop



Body pack transmitter with lapel microphone

For complete manual and certificate, please refer to univox.eu.

This Brochure is based on the information available at the time of printing and is subject to change without notice.