orpheo



Orpheo Tour Guide LIGHT

Digital Radio guide

The OTG LIGHT wireless system is specifically crafted for group guided tours, delivering reliable performance, extended range and ultra-lightweight receivers in an affordable solution. This ensures a high-quality tour experience for both guides and visitors, even in very noisy surroundings.



- **High range** signal (200m)
- **Digital** audio quality
- **19 channels** available
- **Bluetooth + AUX** transmitter inputs
- **Ultra-light** receiver (38g)
- **Long lasting** lithium-ion battery (40h RX)
- **UHF** all-digital technology
- 1 format of **charging case**

Paris London Berlin New York Rome Barcelona Tokyo Geneva Vienna Rabat Ho Chi Minh Dubai

Technical specifications



Transmitter: 71g

OTG LIGHT

Receiver: 38g



GENERAL

One-key frequency pairing between transmitter and receiver
One-key shutdown of all receivers from transmitter
One-key mute to pause audio transmission
Receiver auto-shutdown after 20 min without signal
Transmitter supports **Bluetooth** and AUX audio input
Transmitter usable while charging (emergency use)
Audio output: standard 3.5mm jack

ENERGY

Transmitter battery: 2000 mAh Lithium Ion | Autonomy **10 hours**
Receiver battery: 600 mAh Lithium Ion | Autonomy **40 hours**
Transmitter charging time: 5 hours | Receiver: 3 hours
Signal indicator on charging case for battery status
Operating temperature: −10°C to +50°C

RADIOFREQUENCY

Technology: **UHF all-digital** low-power
Carrier frequency | EU: 823–832 / 863–865 MHz
Carrier frequency | US: 902–928 MHz
Number of channels: 50 (US) / 19 (EU)
Frequency stability: 20 ppm | Channel spacing: 500 kHz
Operating range: 200m (open field) | Transmit power: 21 dBm
Receiver sensitivity: −92 dBm | Strong anti-interference

AUDIO

Technology: **UHF digital** audio transmission
Frequency response range: 20 Hz – 4 kHz
Signal-to-noise ratio: −87 dB | Distortion: 0.01%
Audio input (TX): microphone, AUX and **Bluetooth**
Audio output (RX): 3.5mm stereo jack



SUITCASE charger

Power supply: 100V–240V AC 50Hz/60Hz
32 charging slots per case
SUITCASE format with lid and carrying handle

Compatible accessories

FOR VISITORS AND TOUR LEADERS (TRANSMITTERS AND RECEIVERS)



Black lanyard
included

FOR VISITORS (RECEIVERS)



Orpheo Airset headphones
available on request



Semi-rigid mono earphone
included



Stereo headphones
available on request

FOR TOUR LEADERS (TRANSMITTERS)



Tie-clip microphone
included



Headset microphone
available on request

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Every day, millions of visitors use Orpheo's solutions around the world.

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