

ORPHEO TOUR GUIDE OTG

*A new generation tour guide system
with the utmost flexibility*



OTG is a wireless tour guide system which allows visitors to **stand away** from the tour guide without compromising reception quality. This is a crucial factor for large tour groups.

The transmission capability is around 100 meters

As such, each device can be switched into either **transmitter** or **receiver** mode by tour operators at the start of each tour.

This new tour guide system, designed and manufactured by **Orpheo**, functions with **digital technology**.

Vent Nouveau s.a.l

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OVERVIEW



Water-resistant, lightweight and reliable

Light, easy to carry, and with several days' autonomy (50 h) it is perfectly adapted for both indoor and outdoor tours. Designed and made in France, this device is already in use at some prestigious cultural sites (including the Louvre) and has been exported to many other countries, like China and Lebanon.



This solution can be used in many different contexts:

- Company and factory tours
- Museum tours, simultaneous translation
- Zoo or aquarium tours
- Theme parks
- Archaeological sites

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Easy & Practical

- Channel lock option
- 2 headphones jacks per device (for 2 visitors)
- Simultaneous channel selection through the charger
- Suitcase charging rack option for mobility
- 50 preset channels available
- Conforms to international radio standards
- Suitable for simultaneous translation
- Individual charging through USB/ Jack cable
- Up to 100 m range (open field)
- OLED color display screen
- Battery: 2100 mAH lithium polymer 3.7V
- 24-slot rack or carry case



A versatile solution for many use cases



Factory and industrial sites



Museum



City tours

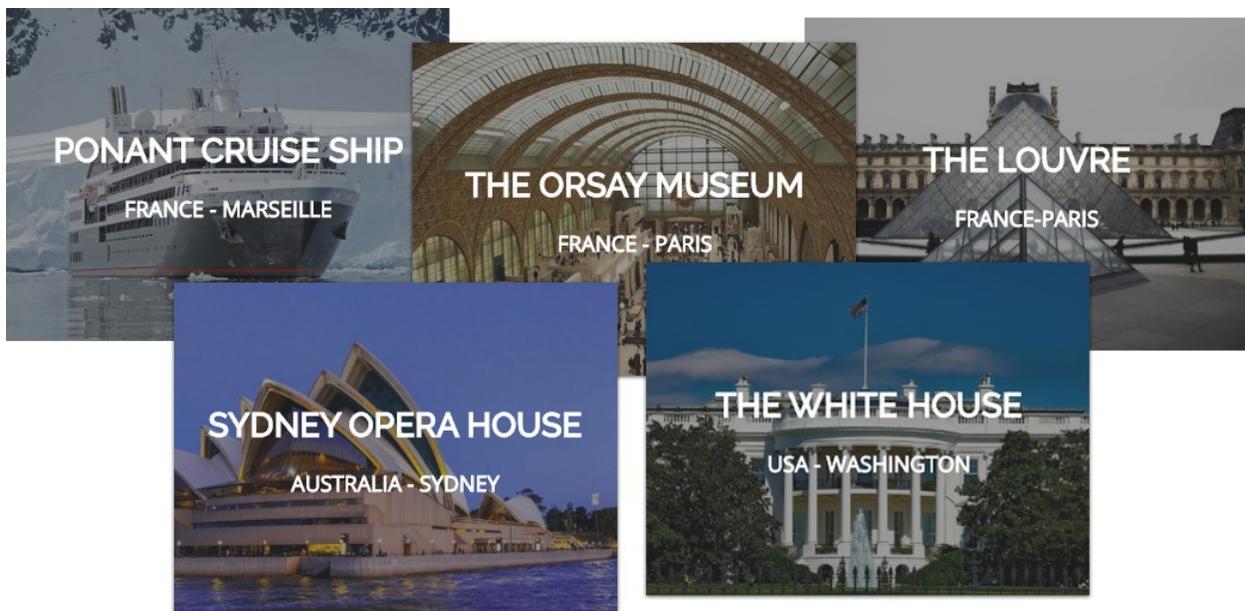


Outdoor sites and parks



Conferences

Used by hundreds of thousands of visitors daily



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ACCESSORIES

For Visitors

Mono earphone



The supra-aural mono earphones we supply are reusable and can be cleaned simply and quickly with disposable disinfectant wipes (the earphones have no contact with the internal ear).

Airset



Our contact-less headphone Airset is the perfect product to optimize the visitors' comfort without isolating them from their environment. It adapts to any morphology and prevents any hygiene issues.

For Tour Leaders



Clip-on and Headset microphone

Tour leaders have the choice between clip-on or a headset microphone. For a use outside or in noisy environments, prefer the headset microphone.

2 Audio Outputs

Thanks to **2 audio jacks**, Orpheo TG enables 2 people to use the same receiver at once. This can be invaluable during special events with extra visitors, for example. It also allows family members, a companion or a visually impaired visitor to share a device.



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CHARGING RACKS

The autonomy is **50 hours** when operating in receiver mode and **20 hours** in transmitter mode.

The OTG charging racks come with 24 slots enabling battery recharge as well as modification of the settings on the players.

There are 3 different styles available:

- Suitcase format with lid and carrying strap
- Standard 19" rackable format (4U)
- Free-standing rack with optional wall hooks



Capability of configuring 23 devices at once.

TECHNICAL OVERVIEW

General

- Digital transmission
- Each device can be used in transmitter or receiver mode
- Display: OLED color 128 x 96
- Number of channels: 50
- Dimensions (L x W x D): 9.5 x 5 x 1.6 cm
- Weight: 112g
- Keypad: circular touchpad with raised markers

Battery Power

- Battery: 2100mAh Lithium-ion polymere 3.7V
- Autonomy: Receiver mode: 50 hours / Transmitter mode: 20 hours (battery level indicator shown on display)
- Charging time (complete charge): 6 hours (3 hours reaches 80% capacity)

Frequency

- Carrier frequency range: ISM/SRD; 2400 to 2485.5MHz (according to international regulations)
- Adjustable frequency permits 50 groups simultaneously
- Integrated antenna
- Operating range: 100m (open field)
- Transmission strength: -30dBm to +15dBm
- Sensitivity: -103dBm
- Indicator displays reception quality
- Automatic detection of available channels

Charging

- 3 styles: suitcase / standard 19" rackable format (4U) / wall mount or free-standing (24 slots)
- Power supply: 100V – 240V AC 50Hz / 60Hz 70W

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