

# Multimedia GroupGuide™

The Multimedia GroupGuide™ (MGG™) is a ground-breaking group-guiding system using Imagineear's highly successful MPti™ interactive touchscreen multimedia player. Transforming the group-guiding experience to a brand new and unprecedented level, the MPti™ technology allows the group leader's live commentary to be interspersed with dynamic multimedia content.

Fully controlled by the leader and automatically triggered on the group members' devices, the inclusion of immersive multimedia delivers an unforgettable, multisensory visitor experience while preserving the personal touch of a group-led tour.

Using FM and FSK technology, the MGG™ is the ideal solution for attractions wishing to conduct an unlimited number of more intimate tours, simultaneously over a range of 30 metres, even in the busiest of environments.

The MPti™ is supplied complete with flexible modular chargers and storage, reliable and comfortable headphones, data capture and analysis capability as well as the Reptor™ upload and download software suite, as standard.



# Overview

- A game changer in group guided tours offering an upgraded, greatly enhanced multisensory experience, and creating a long-lasting memorable visit
- Ability to mix live commentary with pre-recorded multimedia content including videos, archive footage, video interviews, 360 panoramas, interactive games or quizzes, image recognition technology and more
- Ability to trigger different (age related or language-specific) content to different members of the same group
- Effective solution for large venues, particularly sports stadia, bringing empty spaces to life on non-event days
- Innovative platform for engaging education and learning groups
- Ideal tool for museums, galleries and cultural attractions, large or small, wishing to offer discreet docent-led tours
- Unlimited number of simultaneous group tours, or as many as the space allows
- Gives group leader complete control of the group and their tour experience, providing both scripted and spontaneous commentary as required
- Ability to manage the flow and momentum of a group tour, adjusting to different visitor needs as necessary
- Reliable FM radio and FSK technology used to transmit commentary and trigger content on users' devices
- Delivered on Imagineear's MPti™ touchscreen Android device, purpose-built for mass daily use at a wide variety of visitor attractions
- Supplied with modular chargers and headphones for easy, flexible distribution management and storage

# Technical Specifications

## PHYSICAL

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**Weight** 248g

**Length** 15cm

**Width** 9.5cm

**Depth** 1.7 cm

**Fastening:** Loop slot for lanyard

**Headset Jack Socket:** 1x3.5 mm

**Protection:** Rubber coating to sustain repeated use

## SCREEN

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**Size:** 5" screen, 16:9 ratio

**Type:** Capacitive In-Plane Switching (IPS) with wide viewing angle and active touch panel. Antiglare, sufficiently bright for use outside in normal conditions.

**Protection:** Shock/scratch resistant

**IPS Resolution:** 720x1280, 294 ppi

**IPS Luminance:** > 50 cd/m<sup>2</sup>

**Brightness :** Controlled via Android

**LCD:** Off when in standby mode during charging. LCD restored to default brightness when undocked.

## HARDWARE

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**Processor:** A 33 Allwinner

**RAM:** 1 GB DDR

**Flash Memory:** 16GB, directly accessible via USB.

**Micro-SD Socket:** Yes, secured access from inside player

**Charging and Data Connection:** Modular, via 1×OTG USB 2.0 mini-USB connector

**Speaker:** External

**Alarm:** Yes

**Turning Device on/off :** Special sequence of key presses required

**Power-Saving Mode:** Automatic, after 30 seconds of idle activity

**Camera:** 2 mp

## SOFTWARE

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**Platform:** Android kernel, version 6.0.1 API level 23

**Restoring Default Settings:** Ability to perform hardware/factory reset

**Flash/SD Memory:** Treated as standard removable media devices [Win/iOS]

**Playback:** Landscape or portrait

# Technical Specifications

## COMPLIANCE

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**Device:** CE, ROHS and FCC article 15, Class C compliance

**Battery:** Passes Part III, Sub-Section 38.3 of the UN Manual of Tests and Criteria.

**Battery shipments comply with:**

IATA shipping rules UN3480/1, PI965/966/967

## CONNECTIVITY

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**Wi-Fi:** 802.11 a/b/g/n/ac

**Bluetooth:** 4.0 incl BTLE

**Connect:** Alarm/data channel

**FM:** Radio with headset cable as antenna

## BATTERY

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**Battery:** Li-ion 4000 mAh with integral 4.1 VDC overcharge protection cut off chip Via USB 2.0, 5 VDC.

**Charging:** Fully charged within 6hrs. Charging status (LED) indicator visible when charging using rack

**Continuous Playtime:** 6 hrs minimum

**Discontinuous Playtime:** 12 hrs under normal usage conditions

**Battery Life:** Minimum 750 charge cycles  
Replacement recommended thereafter

**Low Battery level warning:** Yes

# Technical Specifications

## Charging Rack



### PHYSICAL

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|                   |            |
|-------------------|------------|
| <b>Slots/Rack</b> | 10 Players |
| <b>Height</b>     | 29.5cm     |
| <b>Width</b>      | 15.3cm     |
| <b>Depth</b>      | 15cm       |
| <b>Weight</b>     | 2.4kg      |
| <b>Colour</b>     | Black      |

### FUNCTIONAL

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**Inter-connectivity:** Modular, stackable vertically or horizontally

**Data Connections:** USB 2.0 high speed (480 Mbps) for each port (internal 11-port USB 2.0 HUB)

1x mini-USB output (PC or other rack)

### POWER SUPPLY

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**Input Power:** 90-240 VAC

**Output Power:** 5 VDC, 13A, 65 Watt

**Power Connector:** IEC 3-pin male female, cascading, one per horizontal row

**Power Charging:** 5 VDC, 1300 mA per port

**Fuse:** 1000mA, per charger

### COMPLIANCE

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**Certification:** CE, ROHS, WEEE, FCC (Class A)

# Technical Specifications

## Headphones



### PHYSICAL

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|                |                 |
|----------------|-----------------|
| <b>Type:</b>   | Behind-the-neck |
| <b>Weight:</b> | 46g             |
| <b>Colour:</b> | Black           |

### FUNCTIONAL

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|                           |                                  |
|---------------------------|----------------------------------|
| <b>Nominal impedance:</b> | 32 Ohms                          |
| <b>Frequency:</b>         | 20hz-20Khz (-10 dB/1 kHz)        |
| <b>Ear Cover:</b>         | Removable and washable foam pads |
| <b>Connector:</b>         | 3.5mm stereo jack                |
| <b>Cable:</b>             | 90cm, fully detachable           |

### COMPLIANCE

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**Certification:** Certification: CE, WEEE  
**Imagineear** can source and provide alternative headset models, including in-ear earbuds