

# MPtouch interactive™

The MPtouch interactive™ (MPti™) is a purpose-built, robust, 5" Android tablet player with a high quality, scratch-resistant capacitive touchscreen and a battery pack designed for all-day repeat rental distribution.

The device is ruggedised with an integral rubber frame to withstand mass use, making it easy and comfortable to hold, and can be provided with a wider lanyard ideal to promote event, sponsor or site branding.

The tablet is wifi-enabled, and can be used with third party apps or for content built and played on the device's custom TourBuilder™ platform.

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

- An easy-to-use, comfortable-to-handle, reliable and familiar Android-based device
- Large 5" capacitive touchscreen delivers stunning interactive multimedia experiences for maximum visitor engagement
- Integral HD camera and visual recognition technology, supporting augmented reality and content triggering, will amaze visitors and create lasting and memorable tour experiences
- Control and creatively present tour content using pre-loaded TourBuilder™ software
- Versatile Android operating system with 5-in-1 connectivity chip including wifi, Bluetooth & GPS
- Compatible with Imagineear's ground-breaking Multimedia GroupGuide™ system giving guides the ability to trigger multimedia content to group visitors
- Robust design, purpose-built for mass distribution and repeat rental, all day every day
- Long battery life, modular charging units and stereo headphones for seamless logistics
- In-built alarm system to effectively manage security

# Technical Specifications

MPti™



## PHYSICAL

**Weight** 248g

**Length** 15cm

**Width** 9.5cm

**Depth** 1.7cm

**Fastening:** Loop slot for lanyard

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

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

## SCREEN

**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 5": 294ppi

**IPS Luminance:** > 50 cd/m2

**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:** 1GB 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 devices [Win/macOS]

**Playback:** Landscape or portrait

## BATTERY

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**Battery:** Li-ion 4000 mAh with integral 4.1 VDC overcharge protection cut off chip

**Charging:** Via USB-C, 5 VDC. 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

## 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

**GPS:** With A-GPS support

**Connect:** Alarm/data channel

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

# Technical Specifications

## Charging Rack



### PHYSICAL

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Slots/Rack	10 Players
Height	29.5cm
Width	15.3cm
Depth	15cm
Weight	2.4kg
Colour	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