

MPinteractive™

The MPinteractive (MPi™) is a versatile device that offers a choice of listening modes.

Built for maximum resilience and designed for repeat use all day, every day, the MPi™ comes with a superior set of specifications including a 4" pixel-packed touchscreen, providing visitors with an unforgettable multimedia experience in spectacular high definition.

It has built-in directional sound technology via the external speaker giving the visitor the choice between holding the device to the ear, phone-style, or using headphones, while intelligent proximity sensors prevent sound leakage and reduce ambient noise in the venue.

The tablet is WiFi and Bluetooth enabled and supports dynamic visual recognition, activating augmented reality or instant content playback through the integral HD camera.

The MPi™ is supplied complete with modular chargers and stereo headphones for easy, flexible distribution management and storage. It also comes pre-loaded with Imagineear's full software suite as standard, facilitating full control of tour content, eortless upload and download, data capture and analysis capability and smart hardware management.

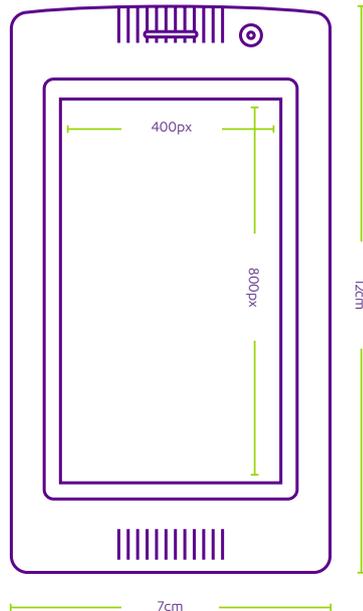


Overview

- Integrated speaker and headphone jack allows choice of listening mode - with headphones or hand-held to the ear, phone-style
- Directional sound and proximity playback pause technology protects against audio leakage or noise pollution
- Generous 4" high pixel density touchscreen, usable in landscape and portrait mode for flexible content presentation
- Android 6.0.1 operating system with WiFi, Bluetooth LE, FM and FSK connectivity as standard for a full range of content playback and video synchronisation options
- Integral HD camera and visual recognition technology, supporting augmented reality, automatic content triggering and QR codes
- Compatible with Imagineear's ground-breaking Multimedia GroupGuide™ system giving guides the ability to trigger multimedia content to group visitors
- Light-weight, ergonomic and versatile, MPI™ can be held both comfortably in the hand or hung around the neck on a lanyard
- Purpose-designed resilience built for mass distribution and repeat rental, all day every day, year in year out
- High-performing and long-lasting battery guarantees all-day use, 6 hours continuous play time, 12 hours normal usage
- Supplied with modular chargers and headphones for easy, flexible distribution management and storage
- Pre-loaded with Imagineear's software suite facilitating full control of tour content and effortless hardware management
- Discreet and flexible integral alarm system to manage security effectively

Technical Specifications

MPI™



PHYSICAL

Weight 170g
Length 12cm
Width 7cm
Depth 1.4 cm

Fastening: Loop slot for lanyard
Headset Jack Socket: 1x3.5 mm
Protection: Rubber coating to sustain repeated use

SCREEN

Size: 4" 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: 480x800, 4": 233ppi
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

Processor: A 33 Allwinner

RAM: 512 MB DDR

Flash Memory: 8GB, 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 20 Hz - 20 kHz dynamic range

Alarm: Yes

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

Power-Saving Mode: Automatic, after adjustable period of idle activity

Camera: 2 mp

SOFTWARE

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

Battery: Li-ion 3000 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

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

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

Technical Specifications

Charging Rack



PHYSICAL

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

FUNCTIONAL

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

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

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

Technical Specifications

Headphones



PHYSICAL

Type:	Behind-the-neck
Weight:	46g
Colour:	Black

FUNCTIONAL

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

COMPLIANCE

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