



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, effortless upload and download, data capture and analysis capability and smart hardware management.



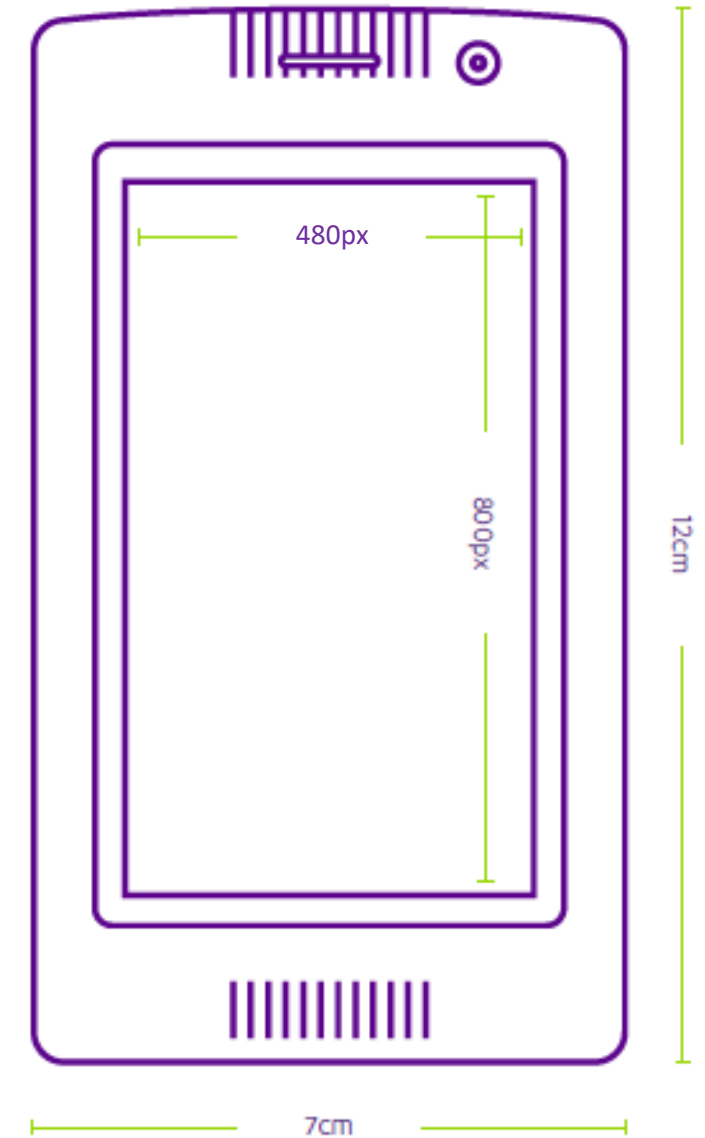
- Integrated speaker and headphone jack for headphones or phone-style listening mode
- Minimal audio leakage or noise pollution
- High resolution 4" touchscreen, for landscape or portrait mode content presentation
- Android 13/14/15 OS with WiFi, Bluetooth LE, FM and FSK as standard for connectivity and synchronisation options
- Optional Ultra-Wide Band Module for precise triggering, location and navigation
- Integral HD camera supporting AR and automatic content triggering
- Optional 150-channel DGG™ digital group guiding module
- Light-weight, ergonomic and versatile, the MPi™ can be held comfortably in the hand or around the neck
- Purpose-designed resilience built for mass distribution and repeat rental
- Optimised battery guarantees 6 hours continuous play time, 8 hours normal usage
- Supplied with headphones and modular chargers flexible distribution and storage
- Pre-loaded with Imagineear's software suite providing control of tour content and effortless hardware management
- Discreet and integral alarm system for effective security

PHYSICAL

Weight:	170g
Length:	12 cm
Width:	7 cm
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, 15:9 ratio
Type:	Capacitive In-Plane vSwitching (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:	> 350 cd/m ²
Brightness:	Controlled via Android LCD: Off when in standby mode during charging; LCD restored to default brightness when undocked



HARDWARE

Processor:	A523 (Octo-core)
RAM:	1 GB DDR EMMC
Flash Memory:	32 GB, directly accessible via USB
Micro-SD Socket:	Yes, secured access from inside device
Charging and Data Connection:	Modular, via 1×OTG USB 2.0 USB-C 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 13/14/15
Restoring Default settings:	Ability to perform hardware/factory reset
Flash/SD Memory:	Treated as MTP devices [Win/macOS]
Playback:	Landscape or portrait



BATTERY

Battery:	Li-ion 3200 mAh with integral 4.3/4 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 Continuous 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 (wave II)
Bluetooth:	5.1 incl BTLE
Connect:	Alarm/data channel
FM:	Radio with headset cable as antenna

CHARGING RACK

PHYSICAL

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

POWER SUPPLY

Input Power: 90~240 VAC
Output Power: 5 VDC, 13A, 45 Watt
Power Connector: IEC 3-pin male female, cascading, one per horizontal row
Power Charging: 5 VDC, 900 mA per port
Fuse: 1000 mA, per charger
Leakage current < 2 mA

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)

COMPLIANCE

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



HEADPHONES

PHYSICAL

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

FUNCTIONAL

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

COMPLIANCE

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

