

Digital GroupGuide™





The Digital GroupGuide™ (DGG™) is a highly successful, lightweight and easy-to-operate group-guiding system that provides digital clarity for up to 64 groups on discrete channels at the same time, over a range of up to 50 metres.

DGG helps to preserve a guide's voice during the course of a tour, allowing them to conduct larger tours more frequently and using both scripted and spontaneous commentary as required.

It gives the guide leader full control of the group and their tour experience, with the ability to manage the flow and momentum of a tour, adjusting to different visitor needs as necessary and increasing visitor engagement and satisfaction.

The Digital GroupGuide™ is the ideal solution for all types of venues large or small, wishing to offer discreet group-guided tours, providing greater autonomy and crystal-clear commentary, even in the noisiest of settings



- Allows for up to 64 groups on discrete channels at the same time
- Relieves voice strain on tour guides and helps to control sound pollution if required for quiet areas
- Greatly enhances tour experience for increased visitor satisfaction
- Supplied with modular chargers or cases for easy, flexible distribution management and storage
- Comfortable boom microphone for guide and headphones for visitors
- Warranty package included





PHYSICAL

Weight (Receiver):	80g
Weight (Transmitter):	86g
Length:	8.5cm
Width:	5.7cm
Depth:	1.9cm
Colour:	Black

CONNECTIVITY

Audio Input:	Microphone, 3.5 mm stereo jack
Audio Output:	1 x 3.5 mm stereo jack
Channels:	64
Distance:	Up to 50m
Compliance:	CE, WEEE, ROHS

BATTERY

Transmitter Runtime:	8 hrs
Receiver Runtime:	15 hrs





HARDWARE

Processor:	Octocore processor
RAM:	2GB DDR
Flash Memory:	32GB, directly accessible via USB.
Micro-SD Socket:	Yes, secured access from inside player
Charging and Data Connection:	Modular, via 1×OTG USB 2.0 USB-C connector
Speaker:	External
Alarm:	Yes
Turning Device on/off :	Special sequence of key presses required
Power-Saving Mode:	Automatic, after adjustable period of idle activity

SOFTWARE

Platform:	Android 9.0, API level 28 with root access
Restoring Default settings:	Ability to perform hardware/factory reset
Flash/SD Memory:	Treated as MTP devices [Win/macOS]
Playback:	Landscape or portrait



Battery: Li-ion 7600mAh 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: >8 hrs minimum Discontinuous Playtime: >16 hrs, under normal usage conditions

Battery Life: Minimum 750 charge cycles. Replacement recommended there after

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: 5.0 incl BTLE

GPS: With A-GPS support

Connect: Alarm/data channel

FM: Radio with headset cable as antenna



CHARGING RACK

PHYSICAL

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

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

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, WFFF, FCC (Class A)





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

