

look

INSPIRE YOUR VISITORS



The TWISTER audio-guides

Total freedom!

The TWISTER, Look2innovate's "All-in" headset audio-guides are designed to maximize visitors' freedom: They are light, small in size, and operate hands-free! messages being triggered automatically location-based by IR or by RF. They offer two models:

- The TWISTER AG that favours hygiene (its headphones do not touch the ears of visitors!), and
- The TWISTER HIFI AG that favours high-fidelity sound (with high quality and very comfortable headphones).

Both models are "open" where visitors stay in touch with their environment for safety reasons and to still being able to communicate with others.

The TWISTER audio-guides offer an extensive ability to interact and synchronize with external multimedia technologies including audio, video, lighting, and the latest computer applications for an immersive and full-sensory visit experiences. Their programming tool is powerful and user-friendly, and answers any of the designers' wishes for their hands-free tours.

In addition to their innovative technologies, the TWISTER audio-guides are designed to sustain the constraining environment of the exhibitions, where the number of visitors is large and the usage frequency high. They also offer two models of 20-unit modular chargers, one for power charging only, and one for both power charging and programming. With a 30-hour battery autonomy (at least two days), they are distributed without worries about battery levels.

The TWISTER audio-guides are the ideal audio-guides for sites aspiring to offer a "new way of visiting" with total freedom for visitors.



Strengths

Multiples triggering possibilities

The TWISTER audio-guides offer multiple possibilities for automatic message triggering: infrared (IR), 2.4ghz digital two-way radio frequency (RF), and battery-powered RFID tags.

Elegant and ergonomic

Designed in Belgium by renowned Designers Seen Design, the TWISTER audio-guides offer elegant modern lines. They are ergonomic and light, and very pleasant to wear.

Long battery autonomy

Incorporating a smart power management system and a large battery capacity relative to the limited space available, the TWISTER audio-guides can be used for two entire days without charging. Thanks to this long battery life, they require minimum handling levels, which means a significant reduction in the number of distribution staff and significant savings in operational costs!

Easy and powerful programming tool

LookForm, TWISTER's content management system (CMS), is based on a wizard that guides the user through the programming. This powerful programming tool offers designers the possibility of achieving any hands-free visit scenario they envision: linear, nonlinear, or any combination of these.

Full interaction with multimedia

TWISTER audio-guides allow for advanced interactions with multimedia applications on PCs or Interactive Kiosks. They easily synchronise with any external audio-visual application (video, lighting, special effects, etc). The installation of these systems is very simple to program and to put in place thanks to the Lookform programming tool and the wide range of emitters and accessories developed by Look2innovate.

Statistics

With the TWISTER audio-guides, detailed analytics on visits are automatically collected which can provide answers to questions like: what are the stops that the visitor listened to, what percentage of each message was heard, what stops were missed, what language was used, etc. Cumulative data are also gathered.

Visit reports with Look2report

At the end of the tour, visitors can return their TWISTER unit onto a docking station (ref DOCK TW AG) connected to an interactive display. They can answer questions and communicate their email in order to receive a customisable report with their specific visit details.

Modular and intelligent charging systems

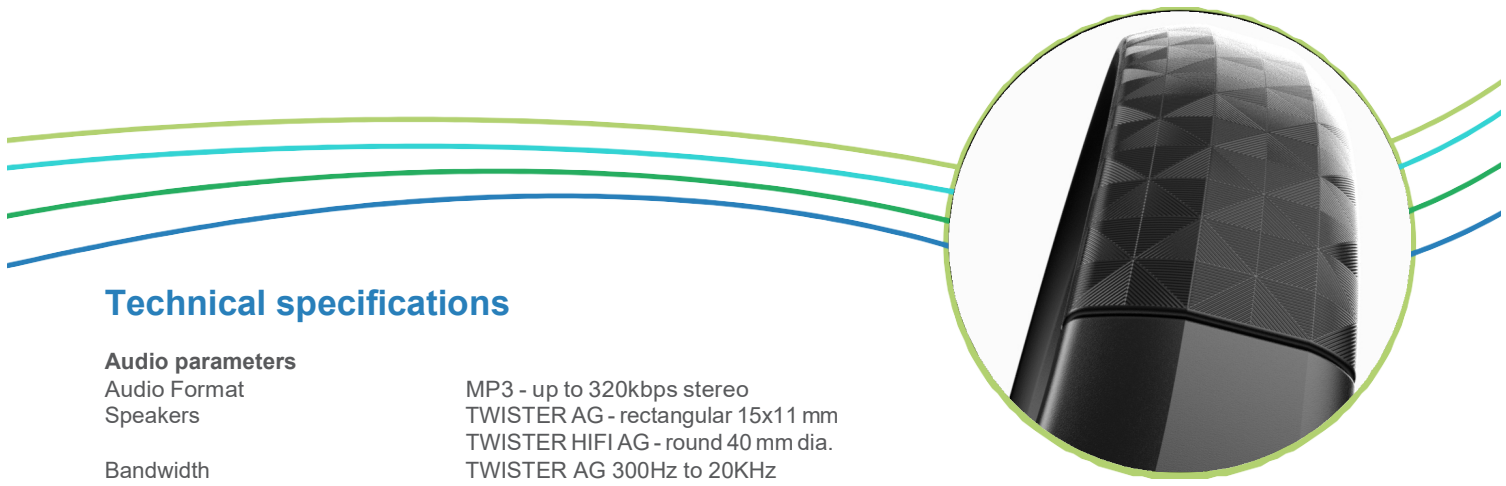
The TWISTER audio-guides offer two models of 20-unit modular chargers:

- One for power charging only (ref. TWISTPOWER AG BT), and
- One for both power charging and programming (ref TWISTPOWERDATA20 AG).

These chargers are compact, user friendly, and connect together for a single power supply cable.

Extreme reliability and minimum operational costs

The TWISTER audio-guides are designed for absolute reliability and tested to ensure defect rates are less than 3% per year, even for the busiest sites. Extreme reliability together with easy management (simple programming, language change, and statistics retrieval) mean smoother operations, reduced personnel numbers, and minimal operational costs!



Technical specifications

Audio parameters

Audio Format	MP3 - up to 320kbps stereo
Speakers	TWISTER AG - rectangular 15x11 mm TWISTER HIFI AG - round 40 mm dia.
Bandwidth	TWISTER AG 300Hz to 20KHz TWISTER HIFI AG 20Hz to 20KHz
Distortion	Less than 0.01%
Dynamic	92 dB

General settings

Recording time capacity	Minimum 1000 hours
Number of languages	32
Number of messages	Unlimited
Storage support	Flash memory 16 GB
Buttons	1 on/off and 2 volume control buttons
LED indicator	Multifunction LED indicator

Battery level

Red LED indicator

Infrared Receiver (IR)

Used for message triggering and synchronization with external multimedia

Digital 2.4 GHz bi-directional RF

Universal Standard Compatible 802.15.4 IEEE.
Used for automatic triggering messages and synchronising with external media

Synchronization

By emission of SMPTE timecode (by IR or RF)

Li/Ion Battery

Type	Li/Ion (without "memory effect")
Capacity	400 mAh
Charging time	2 hours for 80% charge
Autonomy	30 hours of play time (2 days in general use)

Programming software

LookForm is a PC based, user-friendly and powerful programming tool

Usage statistics recording

Individual and collective usage statistics are automatically recorded inside the audio-guide

Usage statistics collection

Statistics are collected via the docking system STATDOCKAG (ref. below accessories section)

Anti-theft protection

Bi-directional digital RF alarm.
Small, discreet, and smart system

Connectors

Pogo pin (4 units)

Material

Polycarbonate PC

Environment

Temperature	-10C to 50C
Relative humidity	0-96%

Size

TWISTER AG	160 x 170 x 30 mm
TWISTER HIFI AG	160 x 170 x 55 mm

Weight

TWISTER AG	70g
TWISTER HIFI AG	118g

Warranty

2 years; can be extended up to 5 years

Optional accessories

TWISTPOWER20AGBT	Modular battery charging cabinet for 20 TWISTER audio-guides. Ac Power 110-220V, 200 Watts. Weight of 8 kg. Dimensions: 66 x 23 x 46 cm.
TWISTPOWERDATA20 AG	Modular battery charging and data programming cabinet for 20 TWISTER audio-guides. Transfer content via a USB connection to a PC. Ac Power 110-220V, 200 Watts. Weight of 8 kg. Dimensions: 66 x 23 x 46 cm.
SYNCHAG	All in multimedia easy-synchro emitter: Point & Click, auto IR, auto 2.4Ghz RF, RFID. GPIO in and GPIO out. AC power supply 110-220 V. Dimensions: 100 x 97 x 40.5 mm.
AUTOAG	All-in auto IR and RFID emitter. Runs on 110-220 v power supply. Easy installation box, and a printable/ customizable target cover. Dimensions 128 x 75 x 20 mm.
TAGRFID	RFID Tag with integrated 4000 mAh battery with a minimum 2-year autonomy. Dimensions 99 x 70 x 10 mm.
RADIRAG 1/2/3	Compact IR radiator for auto IR triggering. Used in combination with the emitters ref. 5zoneir AG and Synch AG. Three different IR LED power options: 90°/ 5 m, 60°/ 5 m, and 30°/ 15 m. Dimensions 46dia. x 75 mm.
1-ZONEIRAG 1/2/3	All-in emitter box for one auto IR triggering zone with adjustable emission power. AC power supply 110-220 V. Three different IR LED power options: 30°/ 5 m, 60°/ 5 m, and 90°/ 15 m. Dimensions 65 dia. x 75 mm.
5-ZONEIRAG	Emitter box for 5 deported auto IR radiators (ref RAD IR AG). Emitter power adjustable. AC power supply 110-220 V. Dimensions: 100 x 97 x 40.5 mm.
ALARMAG	Smart alarm system that alerts front desk. Used in combination with TARGET AG or AUTO LK AG emitters. Adjustable volume and alarm sound. AC power supply 110-220 V. Dimensions: 20.5 x 14.5 x 5 cm.
ATBARRIER	Floor-based anti-theft protection barrier.
DOCKTWAG	Multi-purpose docking station for one TWISTER unit used for statistics collection, visit reporting, programming, and power supply. Dimensions: 20.5 x 14.5 x 5 cm.
STATDOCKAG	Individual and cumulative usage statistics collection station made of a DOCK TW AG unit connected to a tablet with an interactive display.
LOOK2REPORT	Interactive station made of a DOCK TW AG unit connected to a tablet with an interactive display. Visitors can answer questions and can choose to communicate their email in order to receive a customisable report related to their specific visit experience.



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