

MAKING THE DIFFERENCE  
TO YOUR VISITOR EXPERIENCE



XP2

Self-service Multimedia



### Optional accessories

<b>Ref. MCD30XP2</b>	No-contact battery charger for 5 active slots and 25 non-active slots
<b>Ref. MCD50-XP2</b>	Distribution and transportation rack for 50 units
<b>Ref. EMzRF1</b>	Multi-purpose bi-directional RF zone emitter/receiver used for: message triggering, synchronization with video, or theft protection
<b>Ref. EmzSYNII</b>	IR zone emission card for synchronisation (up to 99 channels per point)
<b>Ref. EmzRACK</b>	IR five-zone emission card for message triggering
<b>Ref. EmzRACK</b>	IR five-zone emission card for message triggering
<b>Ref. RAD1</b>	1 led IR radiator (for very small zones)
<b>Ref. RAD2</b>	2 led IR radiator (for medium zones)
<b>Ref. RAD3</b>	3 led IR radiator (for large zones)
<b>Ref. Emz3P</b>	Self contained IR emission point (emission card + 3 led IR radiator + power supply)
<b>Ref. EmzA</b>	Battery-powered, self contained IR emission point (emission card + IR radiator + batteries)
<b>Ref. iGuide</b>	PC-based software for encoding and programming the audio content
<b>Ref. Memorec</b>	Hardware for transferring the content onto the audioguides, using PC's USB connection
<b>Ref. AT Barrier</b>	Anti-theft protection barrier
<b>Ref. Freesound®</b>	RSF-designed hygienic headsets that do not touch the ears; High quality sound
<b>Ref. Statis</b>	Hardware and software for wireless statistics collection
<b>Ref. MiniDVP</b>	Solid state MPEG2 video player
<b>Ref. MemoDMX</b>	DMX control Interface for the synchronization of a lighting show with a message



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# XP2

## Self-service Multimedia

### Endless autonomy and self service distribution

The XP2 has around two-months of battery autonomy with normal usage. Therefore, no daily charging is needed for two months, dramatically decreasing handling costs and storage needs, and giving the possibility of self-service distribution.

### Magic charger

As standard, the XP2 runs on 2 disposable AA alkaline batteries. As an option, it can be fitted with rechargeable batteries and a wireless charging system: the "Magic charger".

### Full multimedia interaction

The XP2 allows for advanced interactions with multimedia applications such as PCs or Interactive Kiosks.

### Perfect synchronisation for audio-visual applications

The XP2 can use RSF's world-leading synchronisation technology with any audio-visual application (video, lighting, special effects, etc). The synchronisation system is very easy to install and allows multiple videos/audio tracks per zone and/or screen.

### Extreme reliability

Designed for absolute reliability: defect rates are less than 3% per year, even for the most busy sites!.

### Integrated tourguide system

The XP2 integrates a digital 60-channel direct audio streaming system with multiple possible applications, including:

- Tour-guide interaction: a guide can directly address a group of visitors equipped with XP2 units.
- Multi-language stereo audio steaming, for auditoriums.

### Wireless collection of usage statistics

Usage statistics are automatically recorded inside each XP2. The information collected is retrieved wireless via RF.

### Simple to program

The programming of visits is done using RSF's iGuide®, a very powerful yet user friendly PC-based programming tool.

### Minimum operational costs

Extreme reliability, minimum handling (self-service and no daily recharging), and easy management (simple programming, language change, and statistics retrieval) mean smoother operations, reduced personnel numbers, and lower running costs!



## Technical specifications

### Audio parameters

High quality sound	Internal amplification system
Audio Format	MP3, mono and/or stereo
Bandwidth	20Hz to 20KHz
Distortion	Below 0,01%
Dynamic	92 dB

### General parameters

Recording time capacity	Depends on flash memory capacity (Up to 240 hours)
Numbers of languages	32
Number of messages	Unlimited
Storage support	4 GB Flash memory

### Display

Graphic E-paper technology	Multifunctional 0.8 x 3 cm
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### Buttons

14 (0-9; Play/Pause; Stop; Volume +/-;OK)

### Indicators

Playing	1 green led
Battery level	1 red led

### IR receiver

Infra-Red (IR):	Used for message triggering and synchronization with video
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### Bi-directional RF emitter/receiver

Specifications	Digital 2.4 GHz. 802.15.4 IEEE standard compatible
Channels	64 (4 of which reserved for internal management)

### Direct audio transmission via bi-directional RF, for:

Guided tours	Up to 60 groups in parallel
Service messages	Up to 16 languages in parallel
Movie audio streaming	Up to 16 languages in parallel
Compatible with RSF's WavelinkD digital tourguide system	

### Synchronization

By emission of SMPTE time code (by IR or RF)

### "Magic charge" battery system

Type	Li/Ion ("memory effect" free)
Charging time	2 hours for 80% charge
Autonomy	Two months in general usage

### "Magic charger"

MCD30XP2	No-contact battery charger for 5 active slots and 25 non-active slots
Number of chargers	5 slots cover the charging needs for 50 XP2 units
Storage	Used for storage and distribution, in addition to charging
Dimensions	50x30x25 cm

### Storage and distribution

MCD50-XP2	Storage, distribution and transportation rack for 50 units
Dimensions	50x30x25 cm

### Message programming tools

iGuide® software	PC based; user-friendly and powerful programming tool
Memorec® hardware	Transfers content from PC onto 1 XP2 (master), then to 10 XP2 (slave) units

### Content update

Content updates are reducing programming time needed

### Usage statistics

Recording	Usage statistics are automatically recorded inside the audioguide
iStatis® hardware	Connects to PC via USB; Collects usage statistics wirelessly

### Theft protection

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

### Connectors

Headset	Jack 3,5 mm Fem.
Recommended headset	RSF's hygienic open headset: the FreeSound®
Enclosure	Moulded ABS/PC plastic

### Dimensions

258 x 58 x 25 mm

### Weight

150 gr

### Environment

Temperature	-10°C to 50°C
Relative Humidity	0-96%

### Warranty

2 years; can be extended up to 5 years

The XP2 is RSF's new multimedia guide that allows visitors to serve themselves, thus saving enormously on operational costs, especially for large sites.

The XP2 interacts easily with all kinds of multimedia: videos, kiosks, lights, special effects, and more.

It offers a two-month battery autonomy, and provides unparalleled reliability.

In addition, the XP2 offers advanced features such as a 60-channel digital tourguide system, lip-accurate video synchronisation, wireless collection of usage statistics, and a discreet theft-protection system.

The XP2 is the audioguide of choice for large sites with operational constraints and advanced technical requirements.



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