

# SelfTour®

Audio Guide Systems

## OPTIMA

High Performance Audioguide "Headset type" by



The PortaDAP OPTIMA is a stand-alone case fitted with a Flash Card on which are recorded audio messages in all languages or versions (a children's version for instance).

Designed to be light it can be worn around the neck to send a stereo message into the headset in a great acoustic comfort. Once a visitor has a set he or she is guided over the entire tour. PortaDAP OPTIMA receives a code from an emitter, giving direct access to the digital card, and automatically sends the message relating to a specific area or object.

The total absence of moving parts in their design guarantees absolute reliability.

### Sound

High fidelity stereo sound

### Reliability

Highly Reliable. 2 year warranty

### Easy

Extremely user-friendly

### Synchro

Perfect synchronization with the environment (e.g...video, lighting, etc...)

### Modular

No interference in case of adjacent areas. Wireless installation possible

### Autonomy

Visitors are independent throughout the tour. They receive the entire message independently of the moment they arrive in a given area

### Design

Molded customized enclosure

### Evolutionary

Direct playing of Infra Red audio signal (virtually unlimited capacity)

### Use

Works both indoors and outdoors




### SelfTour Audio Guide Systems

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## Technical specifications

### Audio parameters

Audio Format .....	16 bits CD quality compression using Musicam MPEG 1/2 Layer II
Bandwidth .....	20Hz to 20KHz
Distorsion .....	Below 0,01%
Dynamic .....	92 dB

### General parameters

Recording time capacity .....	Dependent on compression rate and Flash card capacity Standard version : 1h00 in high quality stereo Up to 18h00 in mono
Numbers of languages/versions .....	32 (maximum)
Number of messages .....	890 (maximum per language) + 50 common
Number of priority messages .....	4 (for alarm or service announcements)
Storage support .....	Flash Card

### Buttons

Volume .....	2
On/Off/Validate .....	2

### Display

Multi-functional .....	3 digits Display the loaded language, the level of the battery, ...
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### Receiver

Integrated .....	Infra-Red (IR) Radio Frequency (RF): 433 MHz for anti-theft system
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### Synchronization

.....	By emission of SMPTE timecode (by IR or RF)
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### Battery

Type .....	Li/Ion (no "memory" effect )
Charging time .....	1 hour for an average charge
Autonomy .....	12 hours in general use 7 hours continuous playing

### Programming

.....	By software « Guide » RSF on Windows 95/NT or 98
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### Functionality

.....	The programming allow to adapt the message diffusion to every scenographies
.....	A message can be :
.....	- automatically triggered (by IR or RF)
.....	- automatically triggered with synchronisation (by IR or RF)
.....	- automatically triggered with an obliged listening up to the end of the message
.....	- automatically triggered with a confirmation request via keypad (e.g. automatic playing of the title, and after confirmation, listening to the corresponding message)
.....	- chained to a message which request a validation (second level message)
.....	- stopped at the end of playing
.....	- looped
.....	- chained to another message (e.g. : interzone music)
.....	Fade in and out of sound between automatic zones
.....	Storage of statistic's use

### Enclosure

.....	Moulded plastic customisable enclosure
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### Connectors

Headset .....	Jack 3,5 mm Fem.
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Power/Message downloading .....	Sub D15
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### Headset

.....	Reinforced Sennheiser HD 56
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### Dimensions

.....	150 x 95 x 40 mm (L x D x H)
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### Weight

.....	220 gr.
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### Environment

Temperature .....	0°C to 38°C
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Relative Humidity .....	0-90%
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### Warranty

.....	2 years
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## Optional accessories

Ref. Mcd250/500.....Battery charging and message downloading furniture

Ref. DirectIR .....Direct playing of Infra Red audio signal

Ref. Master .....Complete kit (hardware and software) allowing self creation and encoding of the messages

Ref. TdIR.....Infra-Red remote control for the selection of the language or message (test mode)

Ref. TdHF .....Radio Frequency remote control: allow a tour guide to trigger himself the messages

Ref. MemoIR.....IR control Interface to control any video player in synchronization with a message

Ref. MemoDMX.....DMX control Interface for the synchronization of a lighting show with a message

Ref. EMZsyn .....IR zone emission card for synchronization

Ref. EMZHF .....RF zone emission card for synchronization

Ref. EMZA .....Wireless zone emitter (battery powered)

And a wide range of zone emitters for every type and dimensions of areas (Ref. EMZD, EMZP, RAD1, RAD3D, RAD3P, ...)