



**compact**



the «A la Carte» Audio Guide

**active:** *alive, dynamic, inventive, progressive and sharp*

**à la carte:** *freedom of choice*

**audio:** *the word "audio" in Latin means "I hear"*

**autonomous:** *independent, free, superior*

**compact:** *compact and practical to use*

**modular:** *modules can be added, which makes it very adaptable*

**waterproof:** *protects it against damage from water and other liquids*

**reliable:** *the keyword is reliability - it won't let you down*

**light:** *lightweight, easy to pick up and carry*

**Interactive,** - *it's intelligent I zap and you **move**.*

*Come rain, hail or shine - it works in all weather conditions*

*One voice, **one sound**.*

*Indoors or outdoors.*

*You zap and... **I listen**.*

*It's **hands free** - Wear it as you please, slung across the shoulder or around your neck. This gives you the freedom to enjoy the exhibition to the full.*

*Enjoy the **beauty** of the paintings and sculptures on display*

*Children have an **amusing** time inside the labyrinth*

*The guide is our constant companion, **discreet** but always ready.*

*We meet up in the middle of the park: **amazing***

*The visit continues... **PortaDAP Compact***



The new Compact 3 is the third generation of Compact models currently used in hundreds of locations worldwide with a reputation for highest quality and reliability.

In addition to its new and modern design, the Compact features the latest in audio-guide technology and offers a multitude of possibilities unparalleled by any other audio guide on the market. "Lip-accurate" synchronization with video, a UHF integrated module for guided tours, virtually unlimited memory capacity, and full graphic customisation are among the unique innovations offered by the Compact.

Modular, this "ultimate" in audio-guide technology is made to suit your present specific needs and to evolve with them in the future.





## the difference is technology

### **Mpeg2 encoding and “lip-accurate” synchronization**

The Compact uses the Mpeg2 professional digital encoding standard. Unlike audio guides exclusively using MP3 technology, Compact’s Mpeg2 technology allows for “lip-accurate” perfect synchronization with video. Furthermore, the MPEG2 is “right of user” free.

### **Unique tour guide interaction**

The Compact Can be adapted for a UHF module. This allows a tour guide to address a group of visitors with a microphone and be heard in the audio guides. Tour guide could also transmit pre-recorded messages to visitors using a transmitter or trigger messages inside visitors’ audio guides using a remote control. Visitors can at any time use their audio guides to randomly access information using the numeric keypad.



### **Customisable**

Aware of the aesthetic needs of museums, RSF offers several possibilities of customisation for its Compact, from a simple logo to a full graphic background. This extensive customisation possibility is unique in the audio guide field.

### **“Intelligent” batteries**

The Compact audio guides have an “intelligent” charging technology that uses Lithium Ion batteries. This technology allows for parallel language downloading and battery charging in the same rack. RSF is one of the few companies on the market to offer Lithium Ion batteries, the only batteries which are “memory effect” free.

### **Unlimited message capacity**

The Compact can contain up to 1 GB of solid-state flash memory. Thanks to RSF’s proprietary firmware allowing more data integration on the memory chips, this capacity represents around 75 hours of messages (at 32 kb/s rate). Besides this internal capacity, RSF provides a UHF module, which can be used for direct external message reception, making capacity virtually unlimited.

### **Hygienic**

Aware of the importance of the hygiene in this kind of product, RSF fitted the Compact with a washable loudspeaker protection capsule.



### **Easily programmable via PC**

RSF provides hardware and software tools that allow customers to have independent access during the production of their messages. The software is PC-based, user-friendly and offers multiple programming options to suit designers’ requests. The programming tools allow for easy updating of existing programs either at a studio or directly on site.

### **Charging and Downloading Languages**

To keep memory down to a minimum, single or multiple languages can be quickly downloaded to each audio guide or to chosen columns in the rack. This makes updating messages fast and relatively easy.

### **Modular**

With their wide variety of options (UHF, backlighting, radio frequency alarm, memory capacity, customisation, etc.), the Compact can be configured to your specific requirements, making it the right tool for your job.

### **Highest quality sound**

Because the Compact is not limited in memory capacity, the sound encoding is made at a minimum of 32 kb/s and up to 112 kb/s for high dynamic stereo sound. The Compact’s high-quality speaker combined with this encoding rule gives the best audio guide sound on the market.

### **Comfortable ergonomic design**

The Compact’s size, shape and weight were carefully designed for comfortable, effortless and ergonomic usage. Its well-designed and high quality keypad, including a raised dot on the 5 button, and standard colour codes for stop, play, and volume buttons, makes the Compact easy to use by young and old, as well as the visually impaired. Induction loops for the hard of hearing can also be connected. The Compact offers keypad and display backlighting as an option for use in low-light environments.

### **Automatic triggering**

In addition to the numeric keypad, the Compact can be triggered by infrared or radio frequency. This feature is also used for synchronization with video, lighting, slide shows, and more.

### **Reliable**

RSF products are built with no moving parts. They combine state-of-the-art electronic design with quality components to achieve incomparable reliability levels. They are designed for both indoor and outdoor use. RSF provides a two-year warranty on its products.

### **Integrated alarm**

The Compact offers two different alarm options: either internal (radio frequency transmission-based solution), or an external barrier-based alarm system.

### **Built-in statistical recording**

The Compact automatically records usage statistics. RSF also provides optional software to collect these statistics to analyse visits and develop strategies.

# technical specifications



AUDIO GUIDE (ref. PRDC3)

## Audio parameters

Audio Format	16 bits CD quality compression using Musicam MPEG 1/2 Layer II
Bandwidth	60Hz to 15KHz via loudspeakers; 20Hz to 20KHz via headset
Distortion	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 75h00 in mono (MPEG 32kb/sec)
Numbers of languages/versions	No limitation
Number of messages	No limitation
Number of priority messages	4 (for alarm or service announcements)
Storage support	Flash card

## Receivers

Integrated	Infra-Red (IR) Radio Frequency (RF) for anti-theft system (optional) UHF for direct sound reception (optional)
------------	--

## Synchronization

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

## Battery

Type	Li/Ion ("memory effect" free)
Charging time	1.5 hours for an average charge
Autonomy	20 hours in general use 10 hours in continuous playing

## Enclosure

Moulded ABS-PC plastic customisable enclosure

## Connectors

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

## Headset

Reinforced Sennheiser HD 56

## Dimensions

267 x 65 x 38 mm (L x D x H)

## Weight

260 gr.

## Environment

Temperature	-10°C(14°F) to 50°C(122°F)
Relative Humidity	0-96%



BATTERY CHARGING AND MESSAGE DOWNLOADING RACK (ref. Mcd25C or 50C)

## General parameters

Message downloading time	1min. per 8MB
Number of units per rack	25 for the Mcd25 and 50 for the Mcd50

## Indicator

Multi-functional	LCD display; backlight; 2 lines of 16 characters
------------------	--

## Functions

Charges Audio Guide's batteries,  
Downloads chosen language to whole rack or to specific columns,  
Updates Audio Guide's operating system,  
Updates messages via Internet, and  
Recovers usage statistics

## Maximal consumption

Mcd25C	90 W
Mcd50C	180 W

## Enclosure

Black metal

## Dimensions

Mcd25C	495 x 535 x 325 mm (L x H x D)
Mcd50C	495 x 835 x 325 mm (L x H x D)

## Weight

Mcd25C	18 Kg
Mcd50C	24 Kg

## Environment

Temperature	-10°C(14°F) to 50°C(122°F)
Relative humidity	0-90%

## OPTIONAL ACCESSORIES

Ref. Mcd25C/50C	Battery charging and message downloading rack for Compact
Ref. TrfPC	Complete kit (hardware and software) allowing self-creation and encoding of the messages
Ref. UHFmodC	UHF module for direct external message reception
Ref. HD56	Reinforced Sennheiser headphones
Ref. StatIS	Software for the recording of the statistics
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. EmzSYNII	IR zone emission card for synchronization
Ref. EmzHFII	RF zone emission card for synchronization
Ref. EmzRACK	IR five-zone emission card
Ref. EmzA	Wireless zone emitter (battery powered)

And a wide range of zone emitters and IR radiators for every area type and dimension: Ref. EmzD, EmzP, RAD1, RAD2, RAD3D, RAD3P, etc.



### Manufacturer

RSF 45, Av. Marcel Dassault  
31500 Toulouse - France  
Tél.+33 561 207 909 - Fax+33 561 800 094



### Commercial division

43a, rue Principale  
L-8376 Kahler  
Luxembourg

Tel. +352 49 74 20 40  
Fax +352 49 74 20 50  
info@rsf-europe.com



RSF around the world:

[WWW.RSF-EUROPE.COM](http://WWW.RSF-EUROPE.COM)