

MAKING THE DIFFERENCE  
TO YOUR VISITOR EXPERIENCE

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# Wavelink D

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Digital Tourguide System



# Wavelink D



- Unique tour guide interaction
- Minimum operational costs
- Multi-channel transmission
- Simple to program
- High quality sound
- Hygienic

The Wavelink D is a hassle-free digital tourguide system that answers all of your needs in terms of features, hygiene, multi-channel transmission, handling and reliability.

The Wavelink D uses the internationally accepted 2.4GHz standard frequencies. It offers: 60 simultaneous channels without any interference; integrated speakers in its receivers (no need for headsets); one-month battery autonomy (handling-free operation); the possibility of transmitting pre-recorded messages; the use of RSF's FreeSound® hygienic headsets; an easy distribution system; the reliability of RSF products; and much more...



## Tomorrow's solution, Today !

### Extreme possibilities

Up to 60 groups can operate in the same space without any interference nor restriction on the number of visitors per group!

### Unique tour guide interaction

A group leader can address the visitors live, transmit to them pre-recorded messages, or audio content in sync with videos!

### Simple to use by the operator

Channels are easily and quickly set: receivers are handed to the group of visitors and the guide takes over the whole group by a push of a button!

### Handling-free

The Wavelink D's receivers offer a one-month autonomy using two standard AA batteries. Thus, no daily charging is needed. Also, the receivers integrate speakers so that there is no need for external headsets, a main source of breakages and costs.

### Minimum operational costs

Being a handling-free system, the Wavelink D needs considerably less personnel to operate, which means enormous operational costs savings.

### Ergonomic and lightweight

The Wavelink D receivers' shape and light weight (140gr) allows for comfortable usage even for long visits.

### Hygienic

The Wavelink D receivers integrate a speaker that is easy to clean. They can also be used with RSF's FreeSound® hygienic headset that does not touch the ears!

### High quality sound

The Wavelink D's digital transmission ensures sounds are transmitted and received integrally, without any loss in quality, and with a large frequency response.

### Worldwide frequency compliance

The Wavelink D uses approved frequencies worldwide.

### Absolute reliability

No moving parts, latest technologies and high quality components (CE and ROHS compliant).

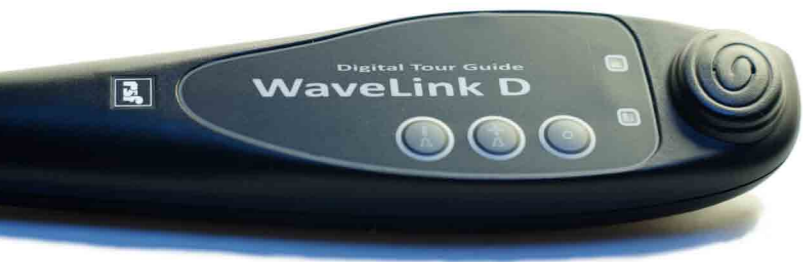
A 2-year warranty is offered as standard, with the option of extending it to up to 5 years!



[www.rsf-int.com](http://www.rsf-int.com)

Made in Europe





## Wavelink D

Receiver (ref. WLKD-R)

### Sound

Speaker	Integrated
Bandwidth	20Hz to 20KHz
Distortion	Below 0,01%
Dynamic	92 dB
Reception	Mono or Stereo
Headsets	Stereo headset jack connection

### Keypad

Buttons	3 (Volume Up, Volume Down, and Power)
Leds	2 (Yellow, and Red/Green)

### Digital Bi-directional RF emitter/receiver

Frequency	2.4 GHz.; compatible with the universal 802.15.4 IEEE standard
Channels	64 (4 of which reserved for internal management)
Group IDs	Unlimited

### Applications

Guided tours	Up to 60 simultaneous groups without any interferences
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### Programming

Via the TourGuide	Updates driver wirelessly to the Wavelink D
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### Battery

Type	2 x AA 1.5V alkaline batteries
Autonomy	One month

### Enclosure

Moulded ABS/PC plastic

### Dimensions

258 x 58 x 25 mm

### Weight

150 gr

### Environment

Temperature -10°C to 50°C

## Optional accessories

Storage and distribution case  
ref. CASE50



Content transferring tool  
ref. MEMOREC



External microphone  
ref. WLKDT-MIC



## Wavelink D

Transmitter (ref. WLKD-T)

### Introduction

Using RSF's Wavelink D transmitter (WLKD-T), the group guide can address visitors live, transmit to them pre-recorded messages, or even audio content in synch with playing videos.

Up to 60 groups can run in parallel, each group is assigned a channel.

The WLKD-T is also used as a transmitter for RSF's audioguides, such as the OPTIMA.

### Sound

Microphone	Integrated
Speaker	Integrated
Audio format	MP3
Bandwidth	20Hz to 20KHz
Distortion	Below 0,01%
Dynamic	92 dB
Transmission	Mono or Stereo
Headsets	2 headset connections

### OLED graphic display

Resolution	124 x 68 pixels
Colour	Yellowish-green
Graphic	Displays images and texts
High luminosity	Visible in broad daylight from up to a 160° angle

### Keypad

Backlighting	Yes; in standard
Buttons	12 (0-9; Play/Pause; Rewind; Stop; Volume +/-)
Navigation system	5 buttons-system placed beneath the keypad

### Digital, bi-directional RF emitter/receiver

Frequency	2.4 GHz; compatible with the universal 802.15.4 IEEE standard
Channels	64 (4 of which reserved for internal management)
Group IDs	Unlimited

### Applications

Guided tours	Up to 60 simultaneous groups without any interferences
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### Coverage

Area covered	50 meters in open space
Transmission power	+3dBm (2mW)

### General parameters

Internal recording capacity	Up to 72 hours in mono or 48 hours in stereo
Numbers of languages/versions	32
Number of messages	900
Storage support	Flash card

### Internal message triggering

IR triggering	Yes
RF triggering	Yes, via bi-directional RF
Keypad	Yes

### Programming

iGuide® software	PC based; user-friendly powerful programming tool
Memorec® hardware	Connects to PC via USB; transfers content from PC onto a 'Master flashcard'

### Theft protection

Yes; via bi-directional RF

### Battery

Type	Li/Ion ("memory effect" free)
Charging time	1.5 hour
Autonomy	Several days in general use
CHAI	Individual charger
MCD25-CP4® charging rack	Charges up to 25 TanCP4 in parallel

### Enclosure

Moulded ABS/PC plastic enclosure

### Dimensions

267 x 65 x 38 mm

### Weight

220 g

### Environment

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

### Warranty

2 years





# Wavelink D

Transmitter WLKD-TS

## Introduction

RSF's WLKD-TS transmitter is a simpler and less costly version of the WLKD-T transmitter. Smaller in size, it offers all the advanced tour guide features (60 groups), without integrating an internal microphone and the possibility of sending pre-recorded messages.

## Sound

**Microphone** External  
**Transmission** Mono or Stereo

## OLED graphic display

**Resolution** 124 x 68 pixels  
**Colour** Yellowish-green  
**Graphic** Displays images and texts  
High luminosity  
Visible in broad daylight from up to a 160° angle

**Navigation system** 3 buttons-system

## Digital, bi-directional RF emitter/receiver

**Frequency Channels** 2.4 GHz.; 802.15.4 IEEE  
64 (4 of which reserved for internal management)

## Applications

**Guided tours** Up to 60 simultaneous groups

## Coverage

**Area covered** 50 meters in open space  
**Transmission power** +3dBm (2mW)

## Programming

**iGuide® software** PC based; user friendly programming

## Battery

**Type** Li/Ion ("memory effect" free)  
**Charging time** 1.5 hour for an average charge  
**Autonomy** Several days in general use  
**CHAI** Individual charger

## Enclosure

Moulded ABS/PC plastic enclosure

## Dimensions

118 x 75 x 25 mm

## Weight

180 g

## Environment

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

## Warranty

2 years



[www.rsf-int.com](http://www.rsf-int.com)

Made in Europe

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