



contacta 




Radio Frequency Systems

High-quality, portable and fixed wireless transmission of speech or music over FM radio frequency, delivering superb intelligibility and crystal-clear amplified sounds.



Contents

	Section	Page
	Radio Frequency Systems	
	Introduction	3
	Transmitters	4
	Receivers	12
	Portable Kits	14
	Microphones	18
	Listening Options	22
	Charging Equipment	24
	Accessories and Spare Parts	29



Radio frequency systems provide clear sound for assistive listening in small or large public venues, and in tour guide applications.

Contacta RF assistive listening system ideal for when sound sources need to be wirelessly transmitted across large areas, sending signals through walls, ceilings or other obstacles regardless of building characteristics.

Transmitters are connected to an audio source such as a microphone or PA system and send signals to compatible RF receivers. Our system can utilise up to 42 channels simultaneously with a range of up to 100 metres in buildings.

Receivers can be used with Inductive Neck Loops, allowing users to receive the sound directly in their Telecoil enabled hearing instrument.



Radio Frequency Rack Transmitter

RF-TXRM-865 / RF-TXRM-915

The Radio Frequency Rack Transmitter, available in either 865MHz or 915MHz (USA/AU) frequencies. It uses internationally approved FM frequencies to transfer clear sound to portable receivers (see page 12).

It is designed to provide wireless and amplified assistive listening in large venues from a sound source to compatible RF receivers using FM radio waves.

Applications:

Designed to deliver wireless FM assistive listening in large public venues and for interpretation.

- Lecture Halls
- Auditoriums
- Meeting Rooms
- Conferences
- Places of Worship

What's in the Box:

- Radio Frequency Stationary Transmitter
- Power Supply Adaptor
- 19" Rack Mount Bracket
- Earth (Ground) Cable for Optional Use
- Fixing Screws
- TNC Rod Antenna

Compatible Accessories

- Portable Radio Frequency Receiver (see page 12)
- Remote Antenna Kit (see page 29)

Physical Data:

Dimensions	Height – 51mm (2") Width – 215mm (8.46") Depth – 210mm (8.26")
Weight	1.25kg (2.75lbs)
Finish	Mixed

Product Code:

Radio Frequency Rack Transmitter	RF-TXRM-865/915
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See next page for Technical Data.

Technical Data:

Carrier Frequency Range	865MHz (UK/EU) / 915MHz (USA/AU) (country dependent)
RF Output Power	Hi: 18 dBm Mid: 13 dBm (country dependant) Lo: 10dBm
Antenna	TNC connector
Headphone Output	200mW @ 32 ohm
Inputs	Mic in: 3.5mm & 6.3mm Aux in: RCA Loop in: 6.3mm Incoming Bluetooth™ streaming
Mic/Line Inputs	Mic Input: -30dBv Line Input Limits: 10dBv Unbalanced/Balanced connections available
XLR Connector	Level= \-30dBv Balanced Connection
Mic-In Connectors	Mono/Stereo Aux out-Mono Mic Level--30dBv
Connectors	AUX IN = Audio Source MIC IN = Dynamic Mics PH PWR = Electret Mics
Outputs	Earmic out: 3.5mm, stereo Aux out: RCA Loop out:6.3mm
Wireless Coverage	Approx. 100 meters (line of sight @ Hi power)
Power Requirements	100 ~ 240 V AC / 12 V DC, 1A switching power
Frequency Response	70Hz - 12kHz
Channel	42 channels are accessible on the 865MHz version. 25 channels are available on the 915MHz version
Display	Backlit OLED
Software	Smart programming software for fast set-up of multiple receivers

Front / Rear Panels:





Radio Frequency Rack Transmitter - with Dante™

RF-TXRM-865 / RF-TXRM-915

The Radio Frequency Rack Transmitter, available in either 865MHz or 915MHz (USA/AU) frequencies. It uses internationally approved FM frequencies to transfer clear sound to portable receivers (see page 12).

It is designed to provide wireless and amplified assistive listening in large venues from a sound source to compatible RF receivers using FM radio waves.

Enabled with Dante™; a networking technology that allows for the transmission of audio over an ethernet connection.

Applications:

Designed to deliver wireless FM assistive listening in large public venues and for interpretation.

- Lecture Halls
- Auditoriums
- Meeting Rooms
- Conferences
- Places of Worship

What's in the Box:

- Dante™ Radio Frequency Stationary Transmitter
- Power Supply Adaptor
- 19" Rack Mount Bracket
- Earth (Ground) Cable for Optional Use
- Fixing Screws
- TNC Rod Antenna

Compatible Accessories

- Portable Radio Frequency Receiver (see page 12)
- Remote Antenna Kit (see page 29)

Physical Data:

Dimensions	Height – 51mm (2") Width – 215mm (8.46") Depth – 210mm (8.26")
Weight	1.25kg (2.75lbs)
Finish	Mixed

Product Code:

Radio Frequency Rack Transmitter with Dante™	RF-TXRM-D-865/915
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See next page for Technical Data.

Technical Data:

Carrier Frequency Range	865MHz (UK/EU) / 915MHz (USA/AU) (country dependent)
RF Output Power	Hi: 18 dBm Mid: 13 dBm (country dependant) Lo: 10dBm
Antenna	TNC connector
Headphone Output	200mW @ 32 ohm
Inputs	Mic in: 3.5mm & 6.3mm Aux in: RCA Loop in: 6.3mm Incoming Bluetooth™ streaming Dante™ enabled streaming via an RJ45 connection using Cat5E or Cat6 RJ45 Cables
Mic/Line Inputs	Mic Input: -30dBv Line Input Limits: 10dBv Unbalanced/Balanced connections available
XLR Connector	Level= \-30dBv Balanced Connection
Mic-In Connectors	Mono/Stereo Aux out-Mono Mic Level--30dBv
Connectors	AUX IN = Audio Source MIC IN = Dynamic Mics PH PWR = Electret Mics
Outputs	Earmic out: 3.5mm, stereo Aux out: RCA Loop out:6.3mm
Wireless Coverage	Approx. 100 meters (line of sight @ Hi power)
Power Requirements	100 ~ 240 V AC / 12 V DC, 1A switching power
Frequency Response	70Hz - 12kHz
Channel	42 channels are accessible on the 865MHz version. 25 channels are available on the 915MHz version
Display	Backlit OLED
Software	Smart programming software for fast set-up of multiple receivers

Front / Rear Panels:





Portable Radio Frequency Transmitter

RF-TX1-865 / RF-TX1-915

The compact Portable Radio Frequency Transmitter sends signals of speech or music to compatible portable receivers (see page 12) across selectable channels. There are two versions that respectively work on 865MHz or 915MHz (USA/AU) frequencies.

Transmission range is up to 100 metres in open field, and there is no limit to the number of receivers which can be used per group. The transmitter utilises digital audio transmission technology. A micro-USB power supply provides fast and simple charging and the unit can also be charged using the drop-in RF-DC24 charging case (see page 27).

Applications:

Ideal for situations where listeners require clear sound for tour guidance or private group interactions.

- Museums
- Historical Sites
- Exhibitions/Events/Conferences
- Outdoor Tours

What's in the Box:

- Portable Radio Frequency Transmitter
- Lanyard
- Micro-USB Power Cable
- Lapel Microphone (see page 19)
- 2 x AA 1.2V 2100mAh rechargeable (NiMH) batteries

Compatible Accessories

- Portable Radio Frequency Receiver (see page 12)
- 6 Bay Charging Station (see page 24)
- 24 Slot Charging Bay (see page 25)
- 24 Bay Charging Case (see page 27)
- Ear-Worn Microphone (see page 18)
- Discreet Microphone (see page 20)

See next page for Physical Data, Technical Data and Product Codes.

Technical Data:

Emission Modulation	4GFSK
Latency	<4 ms@HQ
Mic Capsule	Condenser
Antenna	Flexible antenna
RF Output	High: <10 mW for 863-865, 915-928MHz Low: 2-6mW
Mic Input	3-pole Mini XLR
Audio input	3.5mm
Batteries	2 x AA 1.2V 2100mA rechargeable (NiMH)
Battery Life	>8 hours
Operation Range	>50 meters
Frequency Response	70Hz - 12kHz
Channel	42 channels are accessible on the 865MHz version. 25 channels are available on the 915MHz version
Display	White Backlit LCM
Channel lock	Auto-Lock for selected channel
Software	Smart programming software for fast setup of multiple receivers

Physical Data:

Dimensions	Height – 88mm (3.46") Width – 64mm (2.51") Depth – 29mm (1.14")
Weight	113.5g (0.25lbs)
Finish	Mixed

Product Code:

Portable Radio Frequency Transmitter	RF-TX1-865/915
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Portable Radio Frequency Handheld Transmitter

RF-TXHH-865/ RF-TXHH-915

This hand-held microphone has an integrated multi-frequency transmitter and UHF technology. It is for use with Portable Radio Frequency Receivers [see page 12], with two versions available that respectively work on 865MHz or 915MHz (USA/AU) frequencies.

This microphone transmits sound wirelessly and directly to groups of receivers programmed on the same channel, making it ideal for use in lectures, events and educational venues.

Applications:

Ideal for use in education venues or when a speaker addresses a group of people directly.

- Museums
- Educational Venues
- Community Centres
- Lecture Halls
- Entertainment Venues

What's in the Box:

- Portable Radio Frequency Handheld Transmitter
- 2 x AA 1.2V 2100mAh Rechargeable Batteries

Compatible Accessories:

- Portable Radio Frequency Receiver (see page 12)
- Micro-USB Power Cable [USB-M100]

See next page for Physical Data, Technical Data and Product Codes.

Technical Data:

Emission Modulation	4GFSK
Latency	<4 ms@HQ
Mic Capsule	Dynamic
Antenna	Flexible antenna
RF Output	High: <10 mW Low: <1 mW
Battery	2 x AA 1.2V 2100mAh rechargeable (NiMH)
Battery Life	>8 hours
Operation Range	>50 meters
Connectors	Micro-USB charge port
Channel	42 channels are accessible on the 865MHz version. 25 channels are available on the 915MHz version

Physical Data:

Dimensions	Diameter - 49mm (1.9") Height - 258mm (10.1")
Weight	270.5g (0.59lbs)
Finish	Grey

Product Code:

Portable RF Handheld Transmitter	RF-TXHH-865/915
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Portable Radio Frequency Receiver

RF-RX1-865 / RF-RX1-915

A lightweight Portable Receiver is compatible with all Contacta RF-865/915 transmitters. The wide frequency bandwidth of this system makes it ideal for transmission of both speech and music, delivering crystal-clear intelligible sound.

The system offers fast programming of up to 42 selectable channels and there is no limit to the number of receivers that can be used in each group. The receiver can be used for either assistive listening or tour guide applications .

Recharging the RF-RX1 is quick and easy using the RF-DC24 drop-in charging case.

We offer two versions of that respectively work on 865MHz (UK/EU) or 915MHz (US/AUS) frequencies.

Applications:

Ideal for assistive listening, tour guidance or interpretation.

- Museums
- Historical Sites
- Exhibitions/Events/Conferences
- Outdoor Tours
- Assistive Listening

What's in the Box:

- Portable Radio Frequency Receiver
- Lanyard
- Micro-USB Power Cable
- Earphones
- 2 x AA 1.2V 2100mAh Rechargeable Batteries

Compatible Accessories

- Portable Radio Frequency Transmitter (see page 8)
- Stationary Radio Frequency Transmitter (see page 4)
- Stationary Radio Frequency Transmitter with Dante™ (see page 6)
- Portable Radio Frequency Handheld Transmitter (see page 10)
- 6 Bay Charging Station (see page 24)
- 24 Slot Charging Bay (see page 25)
- 24 Bay Charging Case (see page 27)
- Inductive Neck Loop (see page 22)
- Headphones (see page 23)

See next page for Physical Data, Technical Data and Product Codes.

Technical Data:

Emission Modulation	4GFSK
Antenna	Flexible antenna
Headphone Output	3.5mm
Line Output	3.5mm
Batteries	2 x AA 1.2V 2100mAh rechargeable (NiMH)
Battery Life	>10 hours
Frequency Response	70 Hz - 12kHz
Channel	42 channels are accessible on the 865MHz version, 25 channels are available on the 915MHz version
Display	White Backlit LCM
Channel Lock	Auto-Lock for selected channel
Software	Smart programming software for fast setup of multiple receivers

Physical Data:

Dimensions	Height – 88mm (3.46") Width – 64mm (2.51") Depth – 29mm (1.14")
Weight	109.5g (0.24lbs)
Finish	Mixed

Product Code:

Portable Radio Frequency Receiver	RF-RX1-865 / 915
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Portable One to One Radio Frequency Kit

RF-PK1-865 / RF-PK1-915

Our RF-PK1 system uses radio frequency waves to improve communication for one-way transmission from one user to another. It is designed for personal communication in environments where assistive support may be required via communication.

It features a compact case that houses the TX1 Portable Transmitter, RX1 Portable Receiver, Lapel Microphone, Stereo Headphones and the NL1 Neckloop.

This kit is available in two frequency variants (865MHz and 915MHz).

Applications:

Ideal for situations where listeners require clear sound:

- Train Stations
- Care Homes
- Hospitals
- Meeting Rooms

Compatible Accessories

- 6 Bay Charging Station (see page 24)
- 24 Slot Charging Bay (see page 25)
- 24 Bay Charging Case (see page 27)
- Ear Worn Microphone (see page 18)
- 2-Port USB Plug
- 4-Port USB Plug

What's in the Box:

- Travel Case
- Portable Radio Frequency Transmitter
- Portable Radio Frequency Receiver
[includes USB charging cable, lanyard, batteries and in-ear headphones]
- Lapel Microphone
- Stereo Headphones
- Inductive Neck Hearing Loop

See next page for Physical Data, Technical Data and Product Codes.

Technical Data

For component technical data please refer to individual product pages:

Portable Radio Frequency Transmitter RF-TX1-865/915	See page 8
Portable Radio Frequency Receiver RF-TX1-865/915	See page 12
Lapel Microphone RF-TX1-LM	See page 19
Inductive Neck Hearing Loop RF-NL1	See page 22
Headphones RF-HP1	See page 23
In-ear Headphones RF-IEH	See page 30
Batteries RF-BATT-AA	See page 30

Physical Data:

Dimensions	Height – 220mm (8.66") Width – 220mm (8.66") Depth – 68mm (2.68")
Weight	0.97kg (2.68lbs)
Construction	High-grade metallic protective case with inner-padding
Finish	Mixed (Silver/Black)

Product Code:

Portable Radio Frequency Receiver	RF-PK1-865 / 915
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Portable Radio Frequency System

RF-PORTABLEKIT

Our Portable Radio Frequency System in an all-in-one fully portable radio frequency solution, ideal as a temporary solution or for use across multiple applications.

It features a protective and transportable case that houses a 2 channel microphone receiver and a stationary radio frequency transmitter, each with front panel mounted controls. Three receivers are supplied along with three inductive neck loops and 3 overear headphones.

This RF-PORTABLEKIT also includes a boundary microphone and charging accessories for the receivers.

Applications:

Ideal for situations where listeners require clear sound:.

- Museums
- Historical Sites
- Meeting Rooms
- Conferences
- Places of Worship

Compatible Accessories

- 6 Bay Charging Station (see page 24)
- 24 Slot Charging Bay (see page 25)
- 24 Bay Charging Case (see page 27)
- Ear Worn Microphone (see page 18)
- 2-Port USB Plug

What's in the Box:

- Travel Case
- Stationary Radio Frequency Transmitter
- Boundary Microphone
- 2 Channel Microphone Receiver
- 3 x Portable Radio Frequency Receiver
- 3 x Inductive Neck Hearing Loop
- 1 x 4 Slot USB Plug
- 3 x Stereo Headphones

See next page for Physical Data, Technical Data and Product Codes.

Technical Data

For component technical data please refer to individual product pages:

Stationary Radio Frequency Transmitter RF-TXRM-865/915	See page 4
Portable Radio Frequency Receiver RF-TXI-865/915	See page 12
Boundary Microphone STS-M91	See page 21
Inductive Neck Hearing Loop RF-NLI	See page 22
Headphones RF-HP1	See page 23

Boundary Microphone (STS-M91) Technical Data

Directivity	Half Cardoid
Output Impedance	250 Ω
Frequency Response Min	30Hz
Frequency Response Max	20kHz
Sensitivity	-53dB ± 3dB
Connector Type	3 Way Mini XLR
Lead Length	4m

3 Channel Microphone Receiver (IL-AC-WM-2C) Technical Data

Power Supply	12-18Vdc, 500mA
Carrier Frequencies	863 - 865MHz
Channels	81 tuneable UHF frequencies
Signal to Noise Ratio	>105dB
THD	<0.5% @ 1KHz
Frequency Response	50Hz - 18kHz ±1 dB
Image Rejection	>85dB
Connectors	DC in
	2 x XLRM
	6.3mm jack
	2 x BNC antenna
Output Impedance	2.2K Ω
Output Level	400mV (balanced), 200mV (unbalanced)

Physical Data:

Dimensions	Height – 6.25" (15.88cm) Width – 21.25" (53.98cm) Depth – 16.5" (41.91cm)
Weight	8.62kg (19lbs) [approx]
Construction	Mild Steel
	Textile Rack Bag
Finish	Mixed (Silver/Black)

Product Code:

Portable Radio Frequency Receiver	RF-PORTABLEKIT
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Ear-Worn Microphone for use with RF-TX1

RF-TX1-EM

This ear-worn microphone is compatible with the Portable Radio Frequency Transmitter [RF-TX1-865/915]. It comes with a 1.2m cable and mini-XLR connector. Enables handsfree communication with clear sound using a high quality Condenser microphone capsule.

Applications:

Ideal for tour guidance or private group interactions.

- Museums
- Historical Sites
- Exhibitions/Events/Conferences
- Outdoor Tours

Physical Data:

Dimensions	Height - 60mm (2.3") Width - 32mm (1.25") Depth - 160mm (6.2") Lead Length - 1.2m (47.2")
Weight	10.5g (0.02lbs)
Finish	Beige

Technical Data:

Connector	Mini-XLR
Power Supply	1 ~ 10V / DC phantom voltage
Transducer Type	Condenser capsule
Polar Pattern	Unidirectional
Sensitivity	-47 ± 3 dB @ f = 1 kHz, S.P.L = 1Pa, 0 dB=1V / 1pa -67 ± 3 (0dB = 1 V/microbar)
Frequency Response	70 - 16kHz

Product Code:

Ear-Worn Microphone	RF-TX1-EM
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Lapel Microphone for use with RF-TX1

RF-TX1-LM

This lapel microphone is compatible with the Portable Radio Frequency Transmitter (see page 6). It includes a tie clip and 1m cable with a mini-XLR connector. It enables handsfree communication with clear sound using a high quality Condenser microphone capsule.

Applications:

Ideal for tour guidance or private group interactions.

- Museums
- Historical Sites
- Exhibitions/Events/Conferences
- Outdoor Tours

Physical Data:

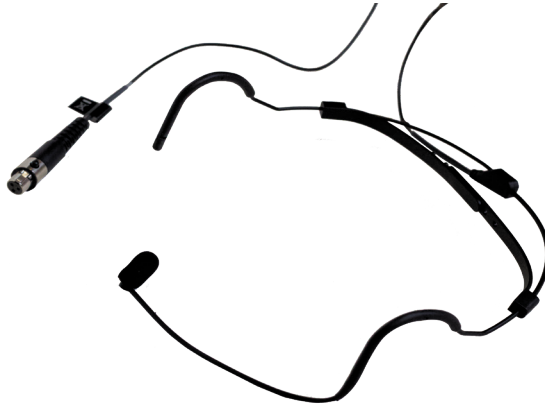
Dimensions	Mic: Height – 11.4mm (0.44") Width – 11.4mm (0.44") Depth – 24.7mm (0.97") without clip
	Clip: Height - 6.5mm (0.25") Width - 44.2mm (1.74") [40.5mm (1.59") without clip]
	Lead Length - 1000mm (39.3")
Weight	24g (0.05lbs) with clip
Finish	Black

Technical Data:

Connector	Mini-XLR
Power Supply	1 ~ 5V / DC phantom voltage
Transducer Type	Condenser capsule
Polar Pattern	Unidirectional
Sensitivity	-50 ± 3 dB @f =1 kHz, S.P.L.=1 Pa, 0 dB=1V / Pa
Frequency Response	180 Hz - 17kHz

Product Code:

Lapel Microphone	RF-TX1-LM
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Discreet Headset Microphone

RF-HM

This microphone is compatible with the RF-TX1 Portable Radio Frequency Transmitter (see page 6). It's unique design offers improved comfort for long term use. The two ear hooks and its rear-head frame makes it comfortable and lightweight, assisting in effortless handsfree communication, using a high quality condenser microphone capsule.

Physical Data:

Dimensions	Capsule Housing Diameter - 5mm (0.19") Capsule Housing Length - 6mm (0.23") Boom Length - 110mm (4.33") Lead Length - 1300mm (51.18") Lead Diameter - 1.5mm (0.05")
Weight	30 ± 5g (0.06lbs ± 0.01lbs)
Finish	Black

Technical Data:

Connector	Mini-XLR
Power Supply	1 ~ 10V / DC
Polar pattern	Unidirectional
Impedance	1,200 Ω ± 30% (at 1k Hz)
Sensitivity	-70 ± 3 dB (0 dB=1V / microbar)
Frequency Response	70 ~ 16k Hz

Product Code:

Discreet Headset Microphone	RF-HM
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Boundary Microphone

STS-M91

A heavy duty surface-mounted boundary microphone with a wide-angle sound pick up, ideal for applications such as meeting rooms, conventions and lecture halls.

The STS-M91 comprises low phantom power electronics making it compatible with our RF-TXRM transmitter.

Technical Data:

Phantom Power Input	9 - 52v DC
Directivity	Half Cardoid
Output Impedance	250 Ω
Frequency Response Min	30Hz
Frequency Response Max	20kHz
Sensitivity	-53dB \pm 3dB
Connector Type	3 Pin XLR
Lead Length	4m

Physical Data:

Dimensions	Width - 118mm Depth - 111mm Height - 22mm
Weight	0.495kg (1.09lb)
Finish	Black

Product Code:

Boundary Microphone	STS-M91
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Inductive Neck Loop

RF-NL1

The Inductive Neck Loop is a compact listening device compatible with our RF-RX1 Portable Radio Frequency Receiver (see page 12). When connected to the receiver, the RF-NL1 will produce a magnetic field that lets users with Telecoil-enabled hearing instruments receive the sound directly in their hearing aids.

Physical Data:

Dimensions	Loop Cable Length - 800mm (31.5") Loop Cable Diameter - 4mm (0.15")
	Cord Cable Length - 450mm (17.7") Cord Cable Diameter - 3mm (0.12")
Weight	57g (0.12lbs)
Finish	Black

Technical Data:

Connector	3.5mm plug (stereo)
Input Power	250mW

Product Code:

Inductive Neck Loop	RF-NL1
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Headphones

RF-HP1

Overhead headphones compatible with the RF-RX1 Portable Radio Frequency Receiver (see page 12). It has a standard 3.5mm audio jack and a 1m lead.

Physical Data:

Dimensions	Height – 175mm (6.80") Width – 150mm (5.09") Depth - 15mm (0.59") Lead Length - 2 metres (78.7")
Weight	48g (0.10lbs)
Finish	Black

Technical Data:

Impedance	32Ω
Frequency Response	20-20000Hz
Sensitivity	104dB
Connection	3.5mm audio plug

Product Code:

In-Ear Headphones	RF-HP1
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6 Bay Charging Station

RF-DC6-865 / RF-DC6-915

This 6 Bay Charging Station is for use with the Portable RF Transmitter (page 8) and Portable RF Receiver (page 12) and can hold up to 6 devices in an upright position. Charging is a simple drop-in connection.

The built-in digital panel allows for quick and convenient programming of multiple devices. Features like the channel-sync for compatible transmitters and receivers simplify the setup process, enabling efficient configuration from a master device.

There are two versions of this charging station: one for 865MHz (UK/EU) and one for 915MHz (USA/AU) frequencies. The 865MHz variant offers channel-set for 42 channels, while the 915MHz variant offers channel-set for 25 channels.

Physical Data:

Dimensions	Height - 68.5mm (2.69") Width - 239mm (9.4") Depth - 106mm (4.17")
Weight	1kg (2.2lbs)
Finish	Black
Construction	Mixed

Technical Data:

Unit Capacity	6
Charging Time	6 ~ 8 hours (2100mAh Ni-MH battery)
Power Supply Input	100 ~ 240 V AC
Power Supply Output	12 V DC, 1.6 A

Product Code:

6 Bay Charging Station	RF-DC6-865/915
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24 Bay Charging Station for Portable Receiver/Transmitter

RF-DC24-NC

This 24 slot charging bay is for use with the Portable RF Transmitter (see page 8) and Portable RF Receiver (see page 12) and can hold up to 24 devices in an upright position. The case is portable and charging is a simple drop-in connection.

The built-in digital panel enables fast and easy programming of multiple devices, including data-copy and channel-sync for compatible transmitters and receivers. This allows fast setup from a master device.

Applications:

Ideal for situations where listeners require clear sound, tour guidance or interpretation.

- Museums
- Historical Sites
- Exhibitions/Events/Conferences
- Outdoor Tours
- Assistive Listening

What's in the Box:

- 24 Slot Charging Bay for RF Receiver/Transmitter
- Power Supply Unit
- USB Drive with PC Programming Software

See next page for Physical Data, Technical Data and Product Codes.

Technical Data:

Charging Pockets	24
Charging Current	350 ± 50 mA, per pocket
Charging Time	4 ~ 6 hours @ 2100 mAh NiMH rechargeable batteries
Charging Algorithm	PWM control, -/iV and TIMER power-off detector
Power Requirements	AC100 ~ 240 V switching power adapter (50/60Hz), DC12 V, 5A
Ambient Temperature	0C ~ 40C (32F-104F)

Physical Data:

Dimensions	Height – 336mm (13.27") Width – 245mm (9.92") Depth – 87.5mm (3.45")
Weight	2.23kg (4.92lbs)
Finish	Black Powder Coated Finish
Construction	High-grade metal frame

Product Code:

24 Bay Charging Case UK	RF-DC24-NC-UK
24 Bay Charging Case Europe	RF-DC24-NC-EU
24 Bay Charging Case Australia	RF-DC24-NC-AUS



24 Bay Charging Case for Portable Receiver/Transmitter

RF-DC-24

This charging case is for use with the Portable RF Transmitter (see page 8) and Portable RF Receiver (see page 12) and can hold up to 24 devices in an upright position. The case is portable and charging is a simple drop-in connection.

The built-in digital panel enables fast and easy programming of multiple devices, including data-copy and channel-sync for compatible transmitters and receivers. This allows fast setup from a master device.

Applications:

Ideal for situations where listeners require clear sound, tour guidance or interpretation.

- Museums
- Historical Sites
- Exhibitions/Events/Conferences
- Outdoor Tours
- Assistive Listening

What's in the Box:

- 24 Bay Charging Case for RF Receiver/Transmitter
- Power Supply Unit
- USB Drive with PC Programming Software

See next page for Physical Data, Technical Data and Product Codes.

Technical Data:

Charging Pockets	24
Charging Current	350 ± 50 mA, per pocket
Charging Time	4 ~ 6 hours @ 2100 mAh NIMH rechargeable batteries
Charging Algorithm	PWM control, -/iV and TIMER power-off detector
Power Requirements	AC100 ~ 240 V switching power adapter (50/60Hz), DC12 V, 5A
Ambient Temperature	0C ~ 40C (32F-104F)

Physical Data:

Dimensions	Height – 437mm (17.2") Width – 266mm (10.4") Depth – 170mm (6.6")
Weight	4.69kg (10.3lbs)
Finish	Mixed (Silver/Black)
Construction	High-grade metallic protective case with inner-padding

Product Code:

24 Bay Charging Case UK	RF-DC-24-UK
24 Bay Charging Case Europe	RF-DC-24-EU
24 Bay Charging Case Australia	RF-DC-24-AUS



Remote Antenna Kit for Stationary Transmitter RF-TXRA

The Remote Antenna Kit is for use with the Radio Frequency Stationary Transmitter RF-TXRM and (see page 6) and the Dante™ enabled Stationary Transmitter (see page 8).

This kit allows secured repositioning of the TNC antenna at the front of an Audio Rack, for improved signal strength.

Physical Data:

Dimensions	Long Ear Length - 241 mm (9.5") Height - 44 mm (1.7") Width - 40 mm (1.6")
	Short Ear Length - 26 mm (1.02") Height - 44 mm (1.7") Width - 40 mm (1.6")
	Steel Plate Depth - 1.6 mm (0.06")
	Lead Length - 1500 mm (59")
Weight	295g (0.65lbs)

Technical Data:

Material of short/long ear	Steel plate with coating
Connector of lead	TNC (male), TNC (female)

Product Code:

Remote Antenna Kit	RF-TXRA
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In-Ear Headphones

RF-IEH

The In-Ear Headphones are compatible with the Portable Radio Frequency Receiver (see page 12). It has a standard 3.5mm audio jack and a 1m lead.



Physical Data:

Dimensions	Cable Length – 1050mm (41.3") Diameter – 1mm (0.04") Ear buds Height – 30mm (1.18") Depth – 15mm (0.59") Width - 18mm (0.71")
Weight	10.5g (0.02lbs)
Finish	Black

Technical Data:

Jack	3.5mm (3 pins)
Power Rating	2 mW
Impedance	32Ω
Maximum Input Power	8 mW
Output S.P.L.	100 ± 5dB SPL (0db=20 μPa) at 1KHz with Vrms input=178 mV
Frequency Response	10-10,000Hz

Product Code:

In-Ear Headphones	RF-IEH
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Rechargeable Battery

RF-BATT-AA

1.2V 2100mAh AA rechargeable (NiMH) battery for use with the Portable RF Transmitter (see page 8), Handheld Transmitter (see page 10) and Portable RF Receiver (see page 12).



Physical Data:

Dimensions	Length – 50mm (1.9") Depth – 13mm (0.5")
Weight	27.6g (0.06lbs)

Technical Data:

Chemical system	NiMH
Voltage	1.2 V
Capacity	2100mAh

Product Code:

Rechargeable Battery	RF-BATT-AA
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Additional Spare Parts:

Belt Clip for RF-TX1/RX1	RF-CLIP
Lanyard for RF-TX1/RX1	RF-LAN
Micro USB Cable for RF-TX1/RX1/TXHH	USB-M100
2-Port USB Plug	PLUG-USB-UK-2
4-Port USB Plug	PLUG-USB-UK-4



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