



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).

Components

- Travel Case [RF-PK1-CASE]
- Portable Transmitter [RF-TX1-865/915]
- Portable Receiver [RF-RX1-865/915]
[includes USB charging cable, lanyard, batteries and in-ear headphones]
- Lapel Microphone [RF-TX1-LM]
- Stereo Headphones [RF-HP1]
- Inductive Neck Hearing Loop [RF-NL1]

Physical Data

Dimensions	Height – 220mm (8.66") Width – 220mm (8.66") Depth – 68mm (2.68")
Weight	0.97kg (2.14lbs)
Construction	High-grade metallic protective case with inner-padding
Finish	Mixed (Silver/Black)

Applications

Ideal for situations where listeners require clear sound:

- Train Stations
- Care Homes
- Hospitals
- Meeting Rooms

Talk to us now:
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+1 616 392 3400 (US & Canada)
www.contacta.co.uk

RF-TX1 Technical Data

Emission Modulation	4GFSK
Latency	<4ms@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

RF-NL1 Technical Data

Connector	3.5mm plug (stereo)
Input Power	250mW

RF-HP1 Headphones

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

RF-TX1-LM Lapel Mic

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=1Pa, 0dB=1V / Pa
Frequency Response	180 Hz - 17kHz

RF-RX1 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	70Hz – 12kHz
Channel	42 channels are accessible on the 865MHz version 25 channels are available on the 915MHz version
Display	Auto-Lock for selected channel
Software	Smart programming software for fast setup of multiple receivers

For complete technical specifications, consult our website for data sheets of individual components.

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