



## Portable Radio Frequency System

RF-PORTABLEKIT

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

It features a compact case that houses a 12 channel microphone mixer, a 1 channel microphone receiver, and a stationary radio frequency transmitter each with front panel mounted controls. Three receivers are supplied along with three inductive neck hearing loops.

### Components

- Travel Case
- Stationary Radio Frequency Transmitter [RF-TXRM]
- Boundary Microphone [STS-M90-B]
- 12 Channel Microphone Mixer [IL-AC-MMX-12]
- 1 Channel Microphone Receiver [IL-AC-WM-1C-LT]
- 3 x Inductive Neck Hearing Loop [RF-NL1]
- 3 x Portable Radio Frequency Receiver [RF-RX1]

### Features

- Efficient power utilisation
- Accurate and lockable front panel mounted controls
- Padded pocket to house accessories
- Transmission range



### Applications

Ideal for situations where listeners require clear sound:

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

Talk to us now:  
 +44 (0) 1732 223900 (UK & ROW)  
 +1 616 392 3400 (US & Canada)  
[www.contacta.co.uk](http://www.contacta.co.uk)



## Physical Data

Dimensions	Height – 254mm (10") Width – 540mm (21.25") Length – 368mm (14.5")
Weight	11.98 kilos
Construction	Mild Steel
	ABS Plastic
Finish	Black Powder Coated

## RF-TXRM Technical Data

Power Supply	5V/DC - 1A
Operation Frequency	2.4 GHz (ISM)
Modulation	FSK, with hopping
Range	300m outdoors 100m in buildings
Channel	40 simultaneous groups
Frequency Response	50Hz – 7kHz
Transmitting Power	10mW
Sensitivity	-95dBm
Speech Coding	16bit/8KHz
Delay	<35ms
Frequency Width	2MHz
Data Transmission Rate	2Mbps
Connections Sockets	1x 6.3mm jack plug LINE IN 1x 3-PIN XLR AUDIO IN/OUT 1x 3.5mm jack plug headset IN 1x 4-PIN XLR headset IN
Display	LCD display (group, channel, volume, mode, signal strength)

## RF-RX1 Technical Data

Power Supply	Lithium-Ion rechargeable battery 3.7V / 1100mAh (inbuilt)
Battery Life	Approx. 10 hours
Transmission Frequency	2.4GHz (ISM band)
Modulation	FSK, with hopping
Transmission Range	300m in open air / 100m in buildings
Channels	40 simultaneous groups
Frequency Response	50Hz – 7kHz
Transmission Power	10mW
Sensitivity	-95dBm
Data Rate	2Mbps
Connectors	2 x 3.5mm 4 contact-socket
	Micro-USB charge port

## RF-NL1 Technical Data

Impedance	16Ω
Channel	@1KHz / Isolated
Connection	3.5mm stereo jack
Maximum Power Input	0.5 watts per channel

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

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