



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 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 loop and 3 overhead headphones.

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

Physical Data

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

Top View



Applications

Ideal for situations where listeners require clear sound:

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

Components

- Travel Case
- Stationary Radio Frequency Transmitter [RF-TXRM-865/915]
- Boundary Microphone [STS-M91]
- 2 Channel Microphone Receiver [IL-AC-WM-2C-LT]
- 3 x Inductive Neck Hearing Loop [RF-NL1]
- 3 x Portable Radio Frequency Receiver [RF-RX1-865/915]
- 1 x 4 Slot USB Plug [USB-4PLUGUK]
- 3 x Headphones [RF-HP1]

Features

- Efficient power utilisation
- Front panel mounted controls
- Lockable zipped front and rear compartments
- Padded pocket to house accessories
- Transmission range of approximately 100 meters (line of sight @ Hi power)

Talk to us now:

+44 (0) 1732 223900 (UK & ROW)

+1 616 392 3400 (US & Canada)

www.contacta.co.uk



IL-AC-WM-2C-LT 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)

RF-NL1 Technical Data

Connector	3.5mm plug (stereo)
Input Power	250mW

RF-RX1 Technical Data

Emission Modulation	41GFSK
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 set-up of multiple receivers via desktop application installation (USB drive included).

RF-TXRM Technical Data

Carrier Frequency Range	865MHz (UK/EU) / 915MHz (USA/AU) (country dependent)
RF Output Power	Hi: 18 dBm Mid: 13 dBm 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 via desktop application installation (USB drive included).

STS-M91 Technical Data

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

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

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