

# MW1-RX-F6 Microphone receiver, 925-937 MHz

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Invented for life



- ▶ 97 selectable UHF channels
- ▶ PLL synthesized technology
- ▶ Pilot tone and noise squelch
- ▶ True diversity for stable reception
- ▶ Table top and 19" rack mountable

The wireless microphone receiver is part of the Bosch wireless microphone system. This system is designed for public address in churches, restaurants, conference centers, hotels, shops and many other applications.

The complete system consists of:

- a microphone receiver, supplied with AC/DC power supply and 1.5 m 3-pin male/female XLR cable,
- a wireless belt-pack transmitter with clip-on Lavalier microphone, supplied with clip, protective case, 2 LR5/AA batteries and windscreen,
- or a wireless handheld microphone, supplied with microphone holder, protective case, 2 LR5/AA batteries and 7 color caps.

The products are sold separately to offer optimal flexibility in the composition of a system.

A dual rack mount kit (MW1-RMB) including, a front panel, and an antenna adapter kit for mounting up to two receivers in a 19" rack is also available.

## Parts included

Quantity	Component
1	MW1-RX-F6 Wireless Microphone Receiver
1	User manual

Quantity	Component
1	1.5 m 3-pin XLR male/female cable
1	AC/DC adapter with power cord

## Technical specifications

### Electrical

Power source	12 V to 18 V, 500 mA
<b>Performance</b>	
Modulation	FM
Frequency selection	PLL synthesized control
Frequency range	925 to 937 MHz
Channels	97 channels (in steps of 125 kHz)
Frequency stability	±0.005%
Technology	True diversity system
S/N ratio	>105 dB
T.H.D	<0.6% at 1 kHz
<b>Antenna</b>	2 x

Connector	BNC
HF impedance	50 ohm
<b>Output</b>	2 x
Connector	XLR 3-pin male, balanced
Output level	-12 dBV (max)
Output impedance	600 ohm
Connector	6.3 mm jack, unbalanced
Output level	0 dBV (max)
Output impedance	2.2 kohm
Squelch	Pilot tone and noise mute

### Mechanical

Dimensions (H x W x D)	40 x 211 x 152 mm (1.57 x 8.30 x 5.98 in)
Color	Charcoal
Weight	Approx. 1 kg (2.20 lb)
Antenna length	50 mm ( $\frac{1}{2} \lambda$ )

### Environmental

Operating temperature	-25 °C to +55 °C (-13 F to +131 F)
Storage and transport temperature	-40 °C to +70 °C (-40 F to +158 F)
Relative humidity	<95%

## Ordering information

### **MW1-RX-F6 Microphone receiver, 925-937 MHz**

UHF wireless microphone receiver, true diversity for stable reception, PLL synthesized technology, table top and 19" rack mountable, supplied with AC/DC adapter with power cord and 1.5 m 3 pin XLR male/female audio cable.

Frequency range: 925-937 MHz, 97 selectable UHF channels.

Order number **MW1-RX-F6**

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### **Accessories**

### **MW1-HTX-F6 Microphone with transmitter, 925-937 MHz**

UHF wireless handheld microphone transmitter, LCD with battery status and frequency indication, supplied with microphone holder, batteries and storage case.

Frequency range: 925-937 MHz, 97 selectable UHF channels.

Order number **MW1-HTX-F6**

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### **MW1-LTX-F6 Belt-pack transmitter, 925-937 MHz**

UHF belt-pack transmitter, LCD with battery status and frequency indication, supplied with clip-on lavalier microphone, batteries and storage case.

Frequency range: 925-937 MHz, 97 selectable UHF channels.

Order number **MW1-LTX-F6**

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### **MW1-RMB Rack mounting bracket, 19"**

Dual-rack mounting kit for mounting two receivers side-by-side in a one-unit high rack space. Supplied with two BNC/BNC cables (600 mm) and a front panel with mounting holes for 2 BNC connectors for mounting two antennas.

Order number **MW1-RMB**

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