

MW1-RX-F5 Microphone receiver, 722-746 MHz

www.boschsecurity.com



BOSCH
Invented for life



- ▶ 193 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.

EN 301 489-9:V2.1.1:2017
EN 301 422-1:V2.1.2:2017
EN 50581:2012

Region	Regulatory compliance/quality marks	
Europe	CE	DECL EC MW1-RX-F5

Parts included

Quantity	Component
1	MW1-RX-F5 Wireless Microphone Receiver
1	User manual
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
Performance	
Modulation	FM

Certifications and approvals

CE Marking	2014/53EU (RED) 2011/65/EU (RoHS)
EMC	EN 60065:2002 + A1:2006 + A11:2008 + A2:2010 + A12:2011 EN 301 489-1:V2.2.0:2017

Frequency selection	PLL synthesized control
Frequency range	722 to 746 MHz
Channels	193 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
Antenna	2 x
Connector	BNC
HF impedance	50 ohm
Output	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 (½ λ)

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-F5 Microphone receiver, 722-746 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: 722-746 MHz, 193 selectable UHF channels.

Order number **MW1-RX-F5**

Accessories

MW1-HTX-F5 Microphone with transmitter, 722-746 MHz

UHF wireless handheld microphone transmitter, LCD with battery status and frequency indication, supplied with microphone holder, batteries and storage case. Frequency range: 722-746 MHz, 193 selectable UHF channels.

Order number **MW1-HTX-F5**

MW1-LTX-F5 Belt-pack transmitter, 722-746 MHz

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

Frequency range: 722-746 MHz, 193 selectable UHF channels.

Order number **MW1-LTX-F5**

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**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
emea.securitysystems@bosch.com
emea.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany
www.boschsecurity.com

North America:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.us

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia