MW1-HTX-F4 Microphone with transmitter, 606-630 MHz

www.boschsecurity.com

BOSCH
Invented for life



- 193 selectable UHF channels
- PLL synthesized technology
- LCD with battery status and frequency indication
- Lock function
- Approximately 15 hours operation on alkaline batteries

The wireless handheld microphones are part of the Bosch wireless microphone system. This system is designed for public address in houses of worship, 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.

Functions

Frequencies
The microphones operate in the UHF band providing interference reduction, while selectable channels available within the frequency range ensure stable reception.

Operation
The handheld microphones can operate approximately 15 hours on alkaline batteries. A lock function protects the microphone settings, making accidental changes impossible. This feature is also available on the Bosch microphone receiver and the belt-pack transmitter. An LCD on the handheld microphones shows the selected frequency and the battery status.

Accessories
The microphones come with a case to protect them from damage. Different color microphone caps are provided for applications, where multiple microphone systems are used simultaneously. The microphones also come with a microphone holder for microphone stands.

Controls and indicators

- Power on/off
- Frequency up/down buttons
- LCD displaying frequency and battery level
- Sensitivity adjustment and lock-on mode

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 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_CE_MW1-HTX-F4

Installation/configuration notes



Detail of the LCD



Detail of microphone holder



Protective case with wireless, handheld microphone and accessories

Parts included

Quantity	Component
1	MW1-HTX-F4 Wireless Handheld Microphone
1	Microphone holder
1	Protective case
2	LR5/AA batteries
7	Color caps

Technical specifications

Electrical

Batteries	2 x LR6/AA/UM3 1.5 V
Battery life time	Approx. 15 hrs
Modulation	FM frequency modulation
Frequency selection	PLL synthesized control
Frequency range	606 to 630 MHz
Channels	193 channels (in steps of 125 kHz).
Frequency stability	±0.005%
Stability	±10 kHz
Frequency deviation	±48 kHz
S/N ratio	>102 dB
RF output	10 mW
Spurious rejection	>60 dBc
Dynamic range	>110 dB
Polar pattern	Unidirectional
Transducer type	Condenser
Frequency response	50 Hz ~ 15 kHz

Mechanical

Dimensions (H x W)	260 x 50 mm (10.24 x 1.96 in)
Color	Charcoal
Weight	350 g (0.77 lb)
Antenna	Integrated

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-HTX-F4 Microphone with transmitter, 606-630 MHz
UHF wireless handheld microphone transmitter, LCD with battery status and frequency indication, supplied with microphone holder, batteries and storage case. Frequency range: 606-630 MHz, 193 selectable UHF channels.
Order number **MW1-HTX-F4**

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

© Bosch Security Systems 2017 | Data subject to change without notice
10186253835 | en, V6, 05. Dec 2017