

UHF Wireless Handheld Microphones

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Invented for life



- ▶ 97-193 selectable UHF channels
- ▶ PLL synthesized technology
- ▶ LCD with battery status and frequency indication
- ▶ Lock function
- ▶ Approximately 15 hours operation on alkaline batteries

The MW1-HTX-Fx wireless handheld microphones are part of the Bosch wireless microphone system. The complete system consists of:

- a microphone receiver (MW1-RX-Fx), comes 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 (MW1-LTX-Fx), comes with clip, protective case, 2 LR5/AA batteries and windscreen
- or a wireless handheld microphone (MW1-HTX-Fx), comes 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.

The wireless microphone system is designed for public address in houses of worship, restaurants, conference centers, hotels, shops and many other applications.

Functions

Frequencies

The microphones operate in the UHF band providing interference reduction, while selectable channels available within the frequency range ensure stable reception. The following frequencies with selectable channels are available:

F4: 606-630 MHz

F5: 722-746 MHz

F6: 925-937 MHz

Note: F4 and F5 are only allowed in all European and EFTA countries.

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 an adapter 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-F5
	CE	DECL_CE_MW1-HTX-F4

Installation/configuration notes



Detail of the LCD MW1-HTX-F5



Detail of microphone holder



Protective case with wireless, handheld microphone and accessories

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	MW1-HTX-F4: 606 to 630 MHz MW1-HTX-F5: 722 to 746 MHz MW1-HTX-F6: 925 to 937 MHz
Channels	193 channels (F4 and F5). 97 channels (F6). (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%

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

Order number **MW1-RX-F6**

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 batteries and storage case.

Frequency range: 606-630 MHz, 193 selectable UHF channels.

Order number **MW1-HTX-F4**

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

UHF wireless handheld microphone transmitter, LCD with battery status and frequency indication, supplied with AC/DC adapter with power cord and 1.5 m 3-pin XLR male/female cable.

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

Order number **MW1-HTX-F5**

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

UHF wireless handheld microphone transmitter, LCD with battery status and frequency indication, supplied with AC/DC adapter with power cord and 1.5 m 3-pin XLR male/female cable.

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

Order number **MW1-HTX-F6**

MW1-RX-F4 Microphone receiver, 606-630 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: 606-630 MHz, 193 selectable UHF channels.

Order number **MW1-RX-F4**

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.

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

Order number **MW1-RX-F5**

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.

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