

UHF Wireless Handheld Microphones

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BOSCH
Invented for life



- u 97-193 selectable UHF channels
- u PLL synthesized technology
- u LCD with battery status and frequency indication
- u Lock function
- u 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, a wireless handheld microphone MW1-HTX-Fx or a wireless belt-pack transmitter with clip-on lavalier microphone MW1-LTX-Fx. 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

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

Certifications and approvals

CE Marking	acc. to R & TTE directive 1999/5/EC
EMC	acc. to ETSI EN 301489-1 acc. to ETSI EN 301489-9 acc. to ETSI EN 300422-2

Installation/configuration notes



Detail of the LCD MW1-HTX-F5



Detail of microphone holder



Protective case with wireless, handheld microphone and accessories

Parts included

Quantity	Components
1	MW1-HTX-Fx 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	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%
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 temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity	<95%

Ordering information

MW1-HTX-F4 Wireless Handheld Microphone
UHF, frequency range: 606-630 MHz.
Order number **MW1-HTX-F4**

MW1-HTX-F5 Wireless Handheld Microphone
UHF, frequency range: 722-746 MHz.
Order number **MW1-HTX-F5**

MW1-HTX-F6 Wireless Handheld Microphone
UHF, frequency range: 925-937 MHz.
Order number **MW1-HTX-F6**

MW1-RX-F4 Wireless Microphone Receiver

UHF, frequency range: 606-630 MHz.

Order number **MW1-RX-F4**

MW1-RX-F5 Wireless Microphone Receiver

UHF, frequency range: 722-746 MHz.

Order number **MW1-RX-F5**

MW1-RX-F6 Wireless Microphone Receiver

UHF, frequency range: 925-937 MHz.

Order number **MW1-RX-F6**

Represented by:

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