

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

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

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-F5

### 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-F5 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	722 to 746 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-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**

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