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**

<table>
<thead>
<tr>
<th>CE Marking</th>
<th>acc. to R &amp; TTE directive 1999/5/EC</th>
</tr>
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<tr>
<td>EMC</td>
<td>acc. to ETSI EN 301489-1</td>
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<td>acc. to ETSI EN 301489-9</td>
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<td>acc. to ETSI EN 300422-2</td>
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**Installation/configuration notes**

*Detail of the LCD MW1-HTX-F5*

*Detail of microphone holder*

*Protective case with wireless, handheld microphone and accessories*

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**Parts included**

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<tr>
<th>Quantity</th>
<th>Components</th>
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<tbody>
<tr>
<td>1</td>
<td>MW1-HTX-Fx Wireless Handheld Microphone</td>
</tr>
<tr>
<td>1</td>
<td>Microphone holder</td>
</tr>
<tr>
<td>1</td>
<td>Protective case</td>
</tr>
<tr>
<td>2</td>
<td>LR5/AA batteries</td>
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<td>7</td>
<td>Color caps</td>
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</tbody>
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**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**
<table>
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<th>Wireless Microphone Receiver</th>
<th>UHF, frequency range:</th>
<th>Order number</th>
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<td>MW1-RX-F4</td>
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<td>MW1-RX-F5 Wireless Microphone</td>
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<td>MW1-RX-F6 Wireless Microphone</td>
<td>925-937 MHz</td>
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