

# MW1-LTX-Fx Wireless Belt-pack Transmitters

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Advantage Line

The MW1-LTX-F1 and MW1-LTX-F2 wireless belt-pack transmitters are part of the Bosch wireless microphone system. The complete system consists of a microphone receiver (MW1-RX-F1 or MW1-RX-F2), a wireless belt-pack transmitter with clip-on lavalier microphone (MW1-LTX-F1 or MW1-LTX-F2), a wireless handheld microphone (MW1-HTX-F1 or MW1-HTX-F2). The products are sold separately to offer optimal flexibility in the composition of the system.

## Features

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

## 2 | MW1-LTX-Fx Wireless Belt-pack Transmitters

### Technical specifications

Electrical	
<b>Belt-pack</b>	
Batteries	2 x LR6/AA/UM3 1.5 V
Battery life time	Approx. 15 hr
Modulation	FM frequency modulation
Frequency selection	PLL synthesized control
Frequency range	MW1-LTX-F1: 790 to 814 MHz MW1-LTX-F2: 852 to 876 MHz
Channels	193 channels 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
Response	50 Hz to 15 kHz
Squelch	Pilot tone & noise mute
<b>Lavalier microphone</b>	
Connector	Mini XLR (tiny QG)
Frequency range	100 Hz to 12 kHz
Polar pattern	Cardioid
Sensitivity (at 1 kHz)	-70 dB ± 3 dB
Impedance	2.2 kohm ±30%
Max SPL for 1% THD	130 dB(SPL)
Mechanical	
<b>Belt-pack</b>	
Dimensions (H x W x D)	105 x 78 x 34 mm without antenna
Color	Charcoal
Weight	176 g
Antenna	Flexible
<b>Lavalier microphone</b>	
Dimensions (L x D)	30 x 16 mm
Color	Charcoal
Weight	20 g
Cable length	1 m
Environmental	
Operating temperature	-25 °C to +55 °C
Storage temperature	-40 °C to +70 °C
Relative humidity	<95%
Certifications and approvals	
Region	Certification
Europe	CE
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
Parts included	
Quantity	Components
1	MW1-LTX-F1 Wireless Belt-pack Transmitter or

MW1-LTX-F2 Wireless Belt-pack Transmitter	
1	Protective case
2	LR5/AA batteries
1	MW1-LMC Lavalier Microphone
1	Windscreen
1	Clip
Ordering information	
MW1-RX-F1 UHF Wireless Microphone Receiver	MW1-RX-F1
MW1-RX-F2 UHF Wireless Microphone Receiver	MW1-RX-F2
MW1-LTX-F1 UHF Wireless Belt-pack Transmitter	MW1-LTX-F1
MW1-LTX-F2 UHF Wireless Belt-pack Transmitter	MW1-LTX-F2
MW1-HMC Head-worn Microphone	MW1-HMC
MW1-LTX-F2 UHF Wireless Belt-pack Transmitter	MW1-LTX-F2
MW1-LTX-F1 UHF Wireless Belt-pack Transmitter	MW1-LTX-F1
MW1-LMC Lavalier Microphone	MW1-LMC

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