

# MX690 WIRELESS BOUNDARY, MX890 WIRELESS DESKTOP BASE

The Microflex Wireless Boundary Microphone as well as the Wireless Desktop Base offer total freedom of placement with no holes to drill or cables to run for installation. They are the perfect solution for conference and meeting spaces where users demand flexibility and high performance. Compatible with Shure SLX Wireless Systems, including the SLX4L receiver with logic signal output for applications requiring logic functionality.

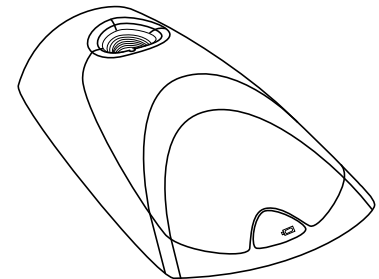
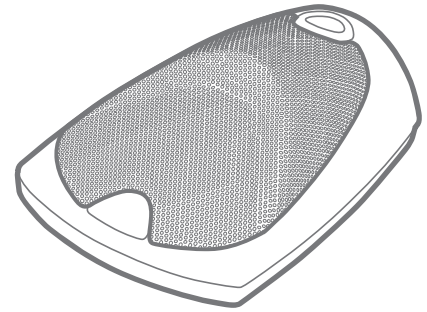
## Specifications

### MX690 Microphone Specifications

<b>Type</b>	Condenser (electret bias)
<b>Frequency Response</b>	50 Hz - 17 kHz
<b>Polar Pattern</b>	Cardioid
<b>Sensitivity</b> at 1 kHz, open circuit voltage; 1 Pascal = 94 dB SPL	-33 dBV/Pa (22 mV)
<b>Dynamic Range</b>	96 dB 1 kΩ load at 1 kHz
<b>Common Mode Rejection</b>	45 dB minimum 10 Hz to 100 kHz
<b>Preamplifier Output Clipping Level</b> 1% THD	-6 dBV (0.5 V)
<b>Polarity</b>	Positive sound pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector or tip of 1/4" phone plug (both on SLX4 or SLX4L wireless receiver).

### MX690 and MX890 Transmitter Specifications

<b>RF Power</b>	10 mW
<b>Operating Range</b>	30 m Note: Actual range depends on RF signal absorption, reflection, and interference
<b>Frequency Stability</b>	±10 ppm
<b>Maximum Frequency Deviation</b>	45 kHz
<b>Oscillator Type</b>	Phase-locked loop (PLL) controlled synthesizer
<b>Power Requirements</b>	3 V (2 AA alkaline or rechargeable batteries)
<b>Battery Life</b>	≥8 hours (alkaline)
<b>Power Consumption</b>	130 mA, ± 15 mA
<b>Operating Temperature Range</b>	-18 - 57 °C Note: Battery may limit this range
<b>Dimensions (H x W x L)</b>	43 mm x 87 mm x 148 mm
<b>Weight</b>	<b>MX690</b> Net: 318 g <b>MX890</b> Net: 312 g Packaged: 516 g    Packaged: 530 g <b>MX690</b> Net: 318 g



**MX890**  
Wireless Desktop Base

## Available Models

<b>MX690</b>	Wireless boundary microphone, cardioid, mute switch
<b>MX890</b>	Wireless desktop base for MX405 and MX410 models, mute switch

## Optional Accessories

<b>SLX4</b>	Wireless diversity receiver	<b>SLX4L</b>	Wireless diversity receiver with logic output
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