

SPECIFICATION SHEET

BM91BO, BM91WO

Contractor Microphone

DESCRIPTION

The Avlex BM Series Contractor Microphones represent exceptional value and performance in the installed sound, sound reinforcement, and recording environments. The BM Series is one of the most effective miking solutions for audio and video teleconferencing, classroom distance learning, courtrooms, and council chambers where the highest quality sound and low-profile aesthetics are key. All models include a preamplifier, and feature interchangeable cartridge design with cardioid, supercardioid, and omnidirectional elements available.

FEATURES

BM91BO & BM91WO

- **Omnidirectional polar pattern**
- **Interchangeable cartridge design**
- **Elegant, unobtrusive appearance**
- **Wide dynamic range**
- **Low noise balanced inline preamplifiers**
- **XLR connectivity**
- **Custom paint mask included**

APPLICATIONS

Best used for low-profile and table-top sound and recording environments.

SPECIFICATIONS

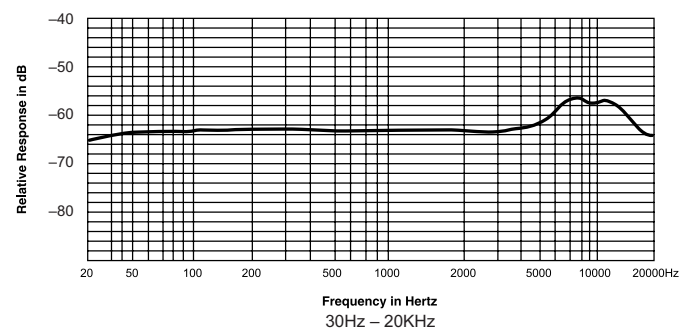
	BM91BO & BM91WO
ELEMENT:	Condenser
PATTERN:	Omnidirectional
FREQ. RES.:	20Hz-20KHz
IMPEDANCE:	250Ω ± 30%
SENSITIVITY:	-63dB ± 3dB _{0dB=1V/Microbar}
MAX. SPL:	130 dB
S/N RATIO:	65 dB
DYNAMIC RANGE:	100dB
POWER REQ.:	22V - 48V D.C. Phantom
CONNECTOR:	XLR-Male
MIC DIMENSIONS:	86mm x 63mm x 22mm 3.39" x 2.48" x .87"
WEIGHT:	171g (6.03oz) Preamp not included
CABLE DIMENSIONS:	2.6ø x 3.7M .10" ø x 12'



PARTS & ACCESSORIES

- **O-B** **Black omnidirectional element**
- **S-B** **Black supercardioid element**
- **C-B** **Black cardioid element**

FREQUENCY RESPONSE



POLAR PATTERNS

OMNIDIRECTIONAL POLAR PATTERNS

BM91BO & BM91WO Microphones

