

EM-600

Flush-Mount Boundary Microphone

The flush-mount boundary microphone shall be designed for sound pick-up applications, be 28 mm (1.1") in diameter, and have an omnidirectional electret condenser microphone element. It shall be unobtrusively mountable into a ceiling, wall or desk.

Frequency response shall be 30 Hz to 20k Hz. Rated impedance shall be 120 ohm, balanced, and rated sensitivity shall be -36 dB (1k Hz 0 dB=1 V/Pa). A 50 Hz low-cut filter shall reduce intrusive noise. The microphone shall be powered by any phantom power source supplying 9 - 52 volts. The output connector shall be XLR-3-12 equivalent. Operating temperature shall be 0° C to +40° C (32° F to 104° F). Body finish shall be steel, and head finish shall be zinc-plated steel wire, both with white semi-gloss paint. Dimensions shall be $\varnothing 28 \times 68$ mm ($\varnothing 1.1" \times 2.68"$), and weight shall be 85 g (0.19 lbs.). Two rubber isolation rings and an M20 nut shall be provided as accessories. The microphone shall provide clear and high-quality sound, and be well-suited for conference recording and security monitoring applications.

The flush-mounted boundary microphone shall be TOA model EM-600.