



BM470 Flexible Boom Microphones



The BM470 range is a flexible gooseneck microphone, 47 cm in length. The mounting consist of a steel plate, with right angle flange for attachment of the flexible boom.

The boom is fabricated from flexible aluminium conduit, with a conical aluminium housing at the tip to accommodate the microphone capsule.

DYNAMIC – BM470-D

This high quality dynamic microphone offers superior voice signal capture. The Dynamic microphone is suitable for transceivers with small signal or "dynamic" microphone inputs.

ELECTRET – BM470-E

This electret microphone has a electret insert giving .60dBm of sensitivity. The BM470E can be used with transceivers with electret mic inputs (common in GA equipment).

SPECIFICATIONS

Dimensions

Length	470cm (18.5")
Conduit OD	8mm (3")
Cable Length	3m (9' 8")
Weight	480g (17oz)

Materials

Conduit	Spiral wound Aluminium Flexible Conduit – black finish
Mounting Plate	3m Steel Angle – black finish
Screws	6 x 20mm CSK Phillips SS304

Electrical

Wire	3m x 24awg Single core Polyethylene insulated
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Microphone

Type	Omni directional with effective range 25-100mm (1-4")
Current Drain	5-10mA
Impedance	(600 Ω –D) (1500 Ω - E)
Sensitivity	(-80dB–D) (-60dB–E)
Frequency Response	60 Hz to 12 Hz

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