

Gooseneck Microphones



A range of microphones designed for use where voice clarity is an essential requirement and offering both moving coil and electret capsules fitted to fully flexible or part flexible/ rigid goosenecks.

Gooseneck Microphones

Capsules are mounted in a computer matched acoustic chamber fitted with an 'anti pop' blast screen. A stainless steel mesh protects the capsule from physical damage.

A noise cancelling option, moving coil only, is available to special order; other gooseneck lengths can also be supplied.

Moving coil capsule

With a polar diagram approximating to cardioid, this capsule has a substantially flat frequency response within speech range, with an added 'presence' lift at 3KHz.

Electret capsule

The polar diagram is unidirectional in characteristic and has a wide frequency response.

The internal FET pre-amplifier requires a small d.c. polarizing voltage independently or phantom fed.

Mounting methods

A variety of mounting methods are offered as alternatives to the standard 10mm diameter threaded brush, for example, mating with 3 PIN XLR sockets, or flange mount.

Communication Technology also manufacture complete desk mounting microphones, including press-to-talk and zoned switching systems.



C98 Mic Head

C100 Head

C98 Mounting Options



DT 37 Angle Mount

AV 260 Anti-Vibration Mount

MECHANICAL INFORMATION

Standard finish

Matt Black, others to special order

Mic head

Moving coil: 23mm Ø; 52mm overall length

Electret: 12mm Ø; 35mm length.

Order Codes

C98 – Moving coil microphone fitted to fully flexible 295mm gooseneck terminated with M10 mounting base/nuts/washer.

C98/XLR – Moving coil microphone fitted to fully flexible 295mm gooseneck and terminated with 3 pin male XLR.

C98/LEC/XLR – Moving coil microphone fitted to 300mm solid tube and 120mm fully flexible gooseneck terminated with 3 pin XLR

BS100 – “superblast”™ close speech protection. Fits over head of C98 microphone used on all BUDDY/DPM products.

C100 – Electret microphone, fitted to fully flexible 295mm gooseneck terminated with M10 mounting base/nuts/washer for use in induction loop environments.

C100/XLR* – Electret microphone, fitted to fully flexible 295mm gooseneck terminated with 3 pin male XLR.

C100/LEC /XLR* – Electret microphone fitted to 300mm solid tube and 120mm fully flexible gooseneck terminated with 3 pin male XLR.

These mounting options for C98 and C100 are subject to additional cost and require the order code suffix to be added to the order code.

/UMC – Circular universal mounting base; for right angled or parallel-with-surface mounting; 3 hole fixing to mounting surface

/UBC – Block mounting base; providing two hole fixing to mounting surface and right angled or parallel-to-surface microphone assembly.

Other mounting accessories for XLR terminated microphones

DT 37 – XLR socket fitted to adjustable angle mount; for desk/lectern top fitting.

AV 260 – Desk/lectern mounting anti-vibration mount; gooseneck XLR inserts firmly through centre, with compression ring lock.

DB-XLR – XLR socket fitted to desk base with PRESS TO TALK switch and 5 Pin XLR output

*UNBALANCED XLR: **PIN 1** SCREEN

PIN 2 POSITIVE POLARIZING AND AUDIO

PIN 3 GROUND AND AUDIO, NEGATIVE

TECHNICAL SPECIFICATION

C98, C100

Capsules

Either electret or moving coil capsules may be ordered; see order codes

	MOVING COIL, DYNAMIC	ELECTRET
Impedance @ 1KHz:	300R Floating	600R unbalanced
Polar Characteristic:	Cardioid, approx*	Unidirectional
Frequency response: (± 6dB limits)	100Hz to 8KHz Presence lift at 3KHz	100Hz to 15KHz
Polarizing voltage: (via suitable bias resistor)	Not applicable	12-24v d.c., from host amplifier, or related source
Sensitivity:	-72dB ¹	-65dB ¹

¹Suitable for amplifier inputs of 500uV or greater.

*Noise cancelling option available

SPECIALS!

Please speak to our Sales Office for quotations on:

- Different finishes
- Different gooseneck lengths or types
- Special impedance capsules
- Noise cancelling option
- Complete microphone/base/preamplifier assemblies

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