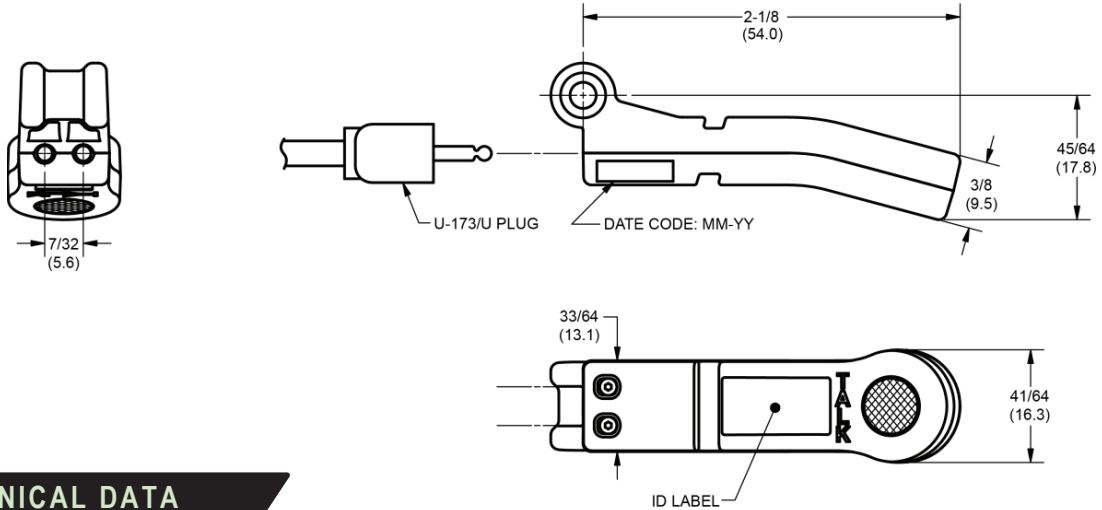




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MODEL DC-87 MICROPHONE
5 Ω , Dynamic
09168P-88
Data Sheet



TECHNICAL DATA

Type:	Dynamic
Impedance	5 Ω +/- 10%
Output Voltage (See Note 1)	49.9 – 107.2 μV
Frequency Response	200 – 6,000 Hz
Distortion @ 114 dB SPL	< 6% from 200 – 6,000 Hz
Noise Cancellation	Bidirectional element
@ 200 Hz	>15 dB
Cross Over	>1,500 Hz
Acoustic Overload	>120 dB SPL
Operating Temperature	-10 – +50 °C
Storage Temperature	-20 – +85 °C
Electrical Terminals	
Internal Set Screws	HS CP 2-56 x 1/8"
Terminal Spacing	U-173/U or Equivalent
Weight	8.5 g (0.30 oz.)
Dimensions (L x W x D) (See illustration above)	2.125" x 0.64" x 0.38"
Drive Wrench (included)	0.035" Hex
Sealing Gasket (included)	15667P-03
Wind Cover (optional)	40062G-06

Limitations:

- Not to be used when DC Mic Bias is Present
- For optimum ambient noise cancellation the "Talk" side of the Microphone should be positioned at the corner of the mouth within 1/8" - 1/4" (3 - 6 mm)

FEATURES AND BENEFITS

- Ambient Noise Cancelling
- Dynamic Moving Coil Construction
- Low Impedance, 5 Ω
- Broad Dynamic Range
- Functionally Similar to M-87
 - Sensitivity
 - Impedance
 - Improved Noise Cancellation
 - Boom Attachment/Electrical Interface
- Requires no Mic Bias Voltage
- Performs to MIL-PRF-26542F

Note 1: Sensitivity Measurement

Load	5 Ω
Frequency	1,000 Hz
Acoustic Drive Source measured 0.25" (6-mm) from source	103 dB SPL (re 20 μPA)
Microphone "Talk side" distance from the acoustic source:	0.25" (6 mm)

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Technical data subject to change without prior notice.
 Current data available at www.davidclark.com