

## EM-800

### GOOSENECK MICROPHONE



The EM-800 is a slim, high-quality, cardioid condenser microphone designed for use in conference rooms, lecture halls, and paging applications. It can be easily plugged into a dedicated optional ST-800 Microphone Stand.

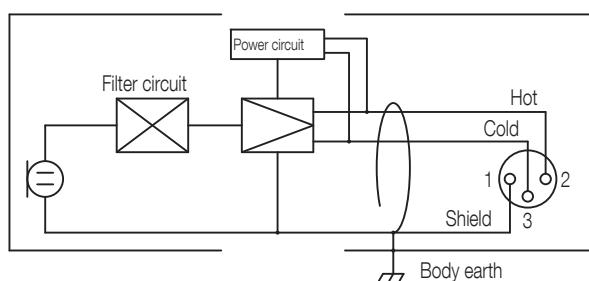
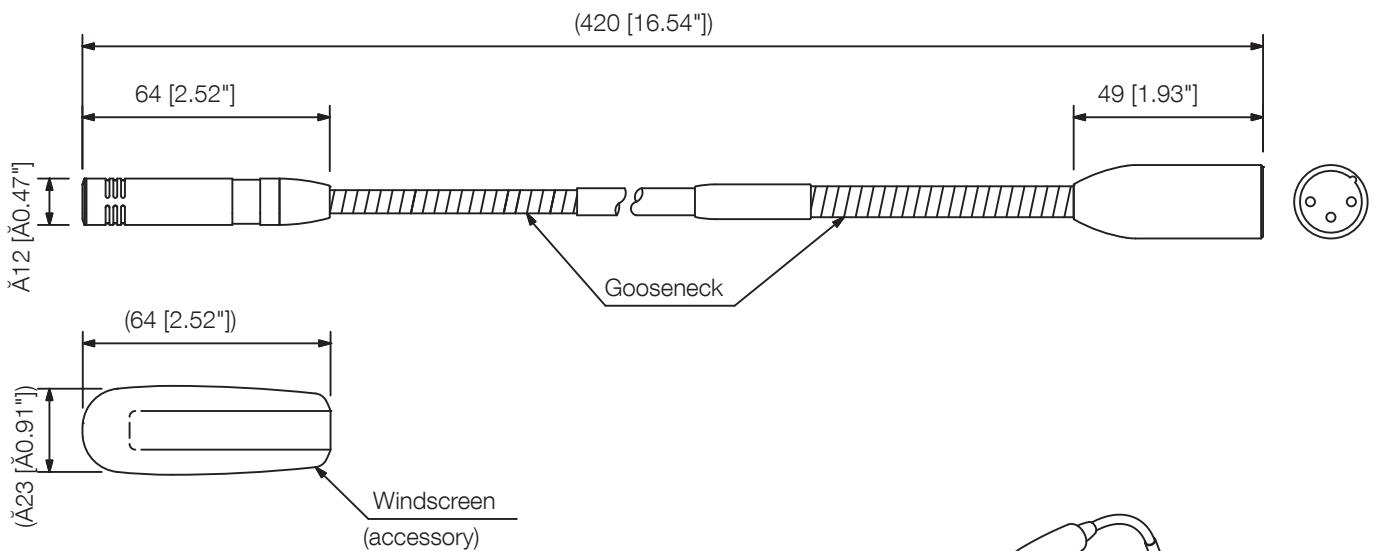
### Key features

- Gooseneck Microphone for speech applications
- Excellent high-frequency response delivers clear output
- High sensitivity provides a satisfying tonal response
- Gooseneck with two adjustment points allows more flexible microphone positioning angles
- Rejection of undesirable off-axis sound minimizes possible feedback
- Optional microphone stand available

## Specifications

Element	Electret condenser
Phantom Power	9 - 52 V DC
Polar Pattern	Cardioid
Impedance	120 Ω, balanced
Sensitivity	-35 dB (1 kHz 0 dB=1 V/Pa)
Frequency Response	60 Hz - 20 kHz
Output Terminal	XLR-3-12 equivalent
Operating Temperature	0 °C to +40 °C (32 # to 104 #)
Finish	Body, Shaft: Copper alloy, black, semi-gloss, paint
Dimensions	Ø12 x 420 mm (Ø0.47 x 16.54")
Weight	135 g (0.3 lb)
Included Accessories	Windscreen ...1
Compatible Stand	Microphone Stand: ST-800 (option) # The EM-800 requires 9 - 52 V DC phantom power for operation.

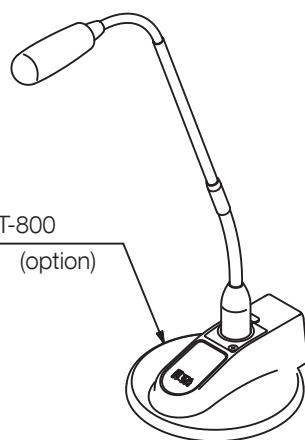
## Dimensions



Circuit diagram

Microphone Stand ST-800

(option)



Mounting example

UNIT:mm

SCALE:1/2

## A&E specifications

The slim gooseneck microphone shall have a unidirectional electret condenser microphone element. The cardioid pickup pattern shall have a high degree of sensitivity, and undesirable off-axis sound rejection to minimize potential feedback. Frequency response shall be 60 Hz to 20 kHz. Rated impedance shall be 120 ohm, balanced, and rated sensitivity shall be -35 dB (1 kHz 0 dB=1 V/Pa). 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 and shaft finish shall be copper alloy, with black semi-gloss paint. Dimensions shall be ø12 x 420 mm (ø0.47" x 16.54"), and weight shall be 135 g (0.3 lbs.). A windscreens shall be provided as an accessory. Two gooseneck adjustment points shall provide more flexible microphone positioning angles. A windscreens shall be provided as an accessory. The microphone shall be able to be plugged into an optional dedicated microphone stand. The microphone shall provide clear and high-quality sound, and be well-suited for conferences, lectures, and paging applications.

The gooseneck microphone shall be TOA model EM-800.

The microphone stand shall be TOA model ST-800.