External Microphone Option

Fig 1 SEN-EMIC

The Sentry Mark II entertainment noise system is supplied, as standard, with an internal microphone system which is ideal for most scenarios. Some installations, however, would benefit from the microphone being placed in one position (such as a stage area) whilst the Sentry itself is mounted elsewhere allowing it to be seen clearly by specific venue staff, DJ's or Musicians. For these circumstances NoiseMeters offers the External Microphone option.

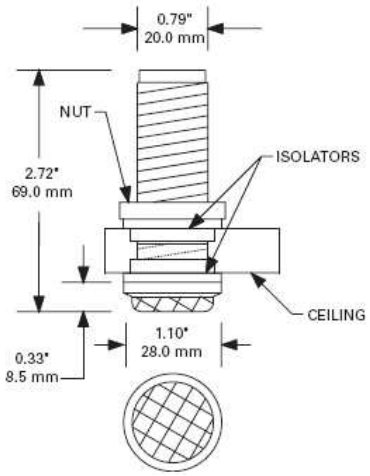
Ordering codes:

SEN-EMIC External Microphone for Sentry Controller.

SEN-EX30 Sentry Microphone Extension Cable 30m for SEN-EMIC

Microphone Information

Fig 2 Microphone Dimensions



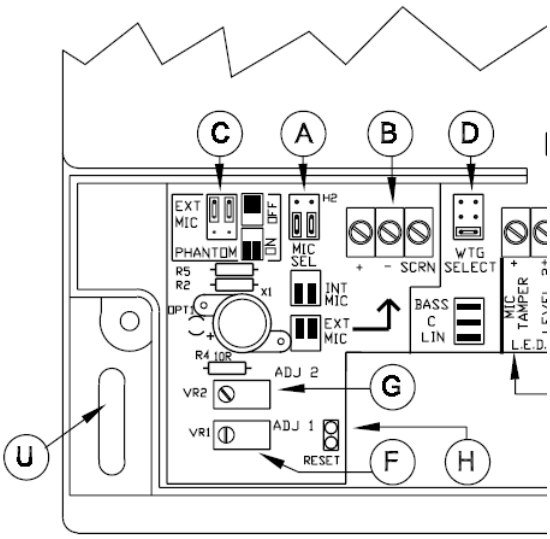
Dimensions:	28.0 mm diameter 69.0 mm length
Output Connector:	Integral 3-pin XLR Male type.

The microphone can also be mounted through a ceiling etc. It is usually recommended to use the isolators provided to avoid excessive vibration transmission to the microphone. See diagram

To mount the ES945 in a ceiling / surface etc using the isolators a 23.5 mm hole is required—without isolators 20.5 mm.

Connection of External Microphone to the Sentry MKII

Fig 3 Relevant Terminals / Options located beneath removable cover of Sentry MKII



- Connect the 3 corresponding wires from the **SEN-EX30** (2 core screened microphone cable) to the External Microphone terminals 'B' (+, - , screen).
- Make sure the Jumper Switch 'A' for the Internal / External Microphone selection is set for External Microphone.
- The SEN-EMIC requires DC power from a phantom power source. Make sure Jumper Switch 'C' is set for Phantom Power and the **SEN-EMIC** microphone will then be automatically powered through the microphone extension cable.

Phantom power, in the context of professional audio equipment, is a method for transmitting DC electric power through microphone cables to operate microphones that contain active electronic circuitry.