

Overview

The PGM1 is a paging station microphone that can be used with the MTX5-D or MRX7-D.



Features

- Dante network support
- 8 buttons can be assigned to any functions *Output destinations and input sources are specified via the MTX-MRX Editor
- Up to 4 units can be connected per system
- PoE powered

Specifications

General Specifications

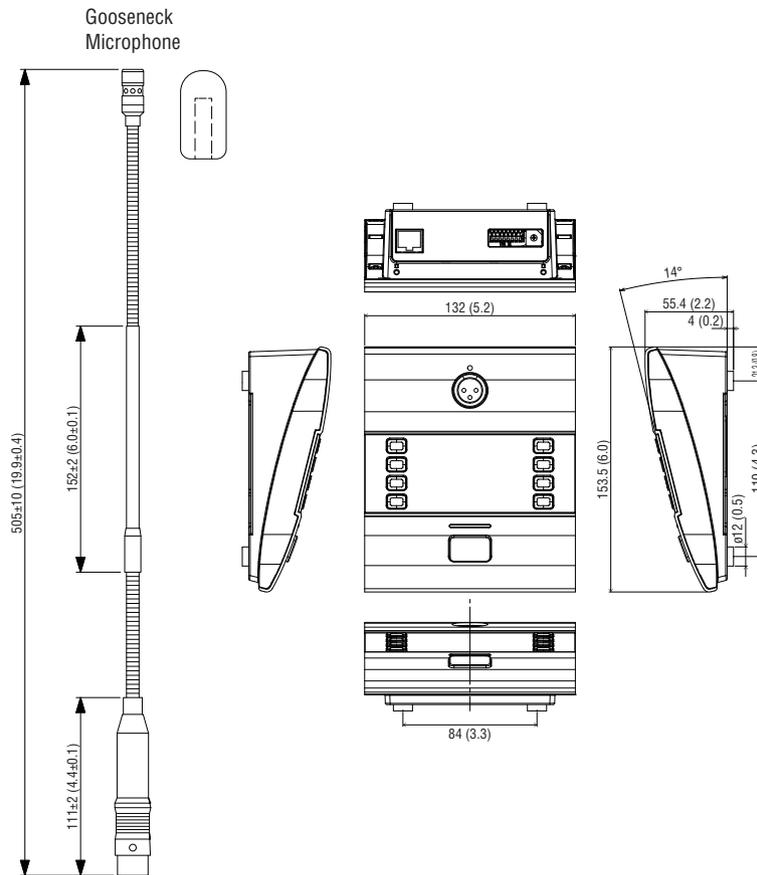
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|---|---|
| Dimensions (W x H x D) | 132mm x 56mm x 154mm (5.2" x 2.2" x 6.1") (excluding mic) |
| Weight | 1.2kg (2.6lbs) (including mic) 1.0kg (2.2lbs) (excluding mic) |
| Power Supply Voltage | Power supplied via PoE (IEEE 802.3af) |
| Power Consumption | 4.8 W max. (same whether PGM1 is used by itself or with an added PGX1) |
| Operating Temperature Range | 0°C – 40°C |
| Storage Temperature Range | -20°C – 60°C |
| Maximum Number of Units Usable Simultaneously | A maximum of two PGX1 units can be added for each PGM1 unit A maximum of four PGM1 units can be installed in one MTX/MRX system (There are limits on the total number of units within a system that includes other devices) |
| Included Items | Gooseneck mic, Zone label, Installation Manual |

Electrical Specifications

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|-----------------------------|--|
| Sampling Frequency | 48kHz/44.1kHz |
| Digital Input/Output Format | Dante |
| Format Cable Requirement | Dante/NETWORK connector: 1000Base-T Dante/NETWORK connector: CAT5e or better Ethernet STP cable |

Dimensions

Unit: mm (inch)



Software

- MTX-MRX Editor

Architectural and Engineering Specifications

The PGM1 shall be a paging station microphone for audio installations in which central routing and processing is provided by Yamaha MTX5-D and/or MRX7-D signal processors. The PGM1 shall communicate with the MTX/MRX system via a Dante audio network. It shall also allow remote triggering of pre-recorded chime and announcement audio files stored on an SD memory card installed in the associated MTX/MRX signal processor. Eight buttons shall be provided to allow selection of zones to which the microphone signal or pre-recorded chimes/announcements shall be broadcast. The MTX-MRX software application for Windows computers shall be used to assign zones or announcements to the buttons. It shall be possible to select multiple zones simultaneously, but only one pre-recorded chime/announcement shall be playable at a time. A PTT (push-to-talk) button shall be provided to turn the microphone on and off, and the MTX-MRX software application shall allow unlatched or latched operation to be selected for the button. It shall be possible to connect up to four PGM1 units per system, and one of those PGM1 units shall be assignable as the priority microphone. Connection between PGM1 units and the MTX5-D or MRX7-D system shall be made via a single Ethernet cable per unit, connected to a PoE network switch connected to the MTX/MRX Dante port. If a network switch that does not support PoE is used, a PoE injector should be inserted between each PGM1 unit and the network switch. Dimensions of the PGM1 shall be 132 (W) x 56 (H) x 154 (D) millimeters, excluding the supplied microphone. Weight shall be 1.0 kg without microphone, or 1.2 kg with microphone.

*All information subject to change without notice.

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