

# Paging Station



## PGM7

A new choice for efficient and intelligent communication



### 7-inch Android Touch Screen

The paging station integrates a 7-inch Android touch screen, functioning as a control interface. User interface can be designed and tailored according to the audio processor for the purpose of system control and monitoring.

### Built-in Microphone Preamp

Each paging station comes standard with a condenser gooseneck microphone, driven by 48V phantom power. And a 0-30dB mic preamp gain knob is located on the rear panel to achieve an optimal level based on the signal indicator from the front.

### Digital Transmission

The paging station supports Dante audio transmission, enabling microphone signals to be transmitted to audio processor or mixing console for routing via Dante. It can be utilized in paging or intercom systems due to its flexibility.

### Analog Output Switching

The Source toggle on the rear panel of the paging station allows switching between analog and digital. When set to the A (analog) position, the microphone signal is output through the analog terminal on the rear panel of the paging station. When switched to the D (Digital) position, the analog terminal outputs the Dante received signal while microphone keeps paging through the Dante transmit channel.

### Dual-mode Paging

Mode 1, the microphone button is Push-To-Talk by default, press and hold it to speak. Mode 2, triple-tap enters the Lock-on mode, enabling hands-free speaking. When finish paging, press the button again can revert to the PTT mode.

### Dual Power Supply

The paging station supports both PoE and 12DC power supply, offering flexible deployment based on requirements.

### Specification

System	Android 10.0
Resolution	7" RGB 1024*600
Processor	A133 1.6GHz Cortex A53 4 core 64bit
RAM	2GB
Storage	16GB
Dante Channel	1x1
Analog Output	1 Balanced Output (Source-selectable Output Signal)
Mic Gain	0-30 dB 1dB step
Mic Polar Pattern	Hypercardioid
Frequency Response	20Hz~20kHz (0/-0.6 dB)
Maximum Level	+13dBu
Sensitivity	-40dB (1V \ 1 Pa)
Sampling Rate	48 kHz
THD+N	≤0.003% (1kHz, A-weighted)
Input Dynamic Range	≥104dB
Output Dynamic Range	≥104dB
SNR	≥103dB
Noise	≤-91dBu (1kHz, +13dBu A-weighted)
Output Impedance	600Ω
Power Supply	12V DC or PoE (IEEE 802.3af) power supply
Dimension(WxDxH)	260x155x65mm (No microphone included)