

# Desk Paging Microphones



*PRO-SERIES desk paging microphones incorporate a range of advanced specification features to accommodate the modern requirements of high intelligibility sound systems. Also available in flush wall mount configuration.*

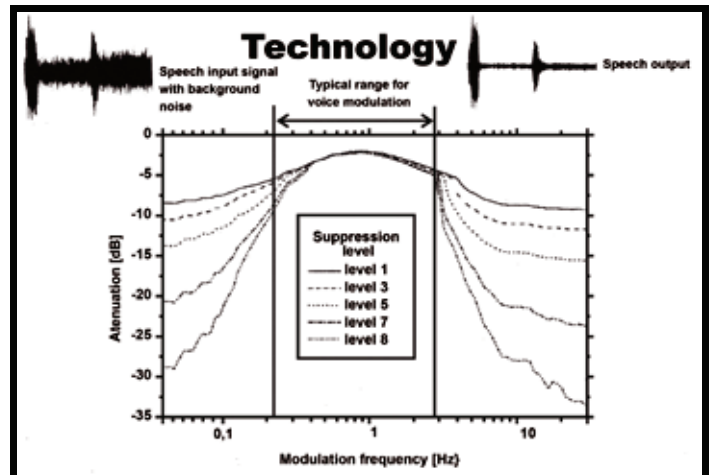
# Desk Paging Microphones

## PRO-RANGE DESK PAGING MICROPHONES

### Preamplified Single and Two Zone DPM 102B, DPM 202B

The standard specification includes:

- Pre-announcement 'gong'; switch selectable, this enables individual paging microphones within a system to prelude announcements with a simple, but attention getting, gong sound.
- Paging sound level indicator, comprising a VU scaled composite 3 l.e.d. array. This facility will provide reassurance of correct use to the announcer by displaying optimum sound levels and overload. Combined with the benefits of automatic proximity bass cut and sound level limiting, announcements will always be more clearly heard.
- Provision for plug-in digital sound processing (D.S.P.) technology for automatic background noise level reduction.
- 'Soft gate'; noise free, microphone audio activation and closure
- PRESS TO TALK button/s physically protected against accidental use.
- 'Speak now', or system in use LEDs: installer option
- Electronic or VOX access receptive, to match host amplifier facilities
- Provision for local or remote powering
- Long line, 0dBm 600R, output, optionally available at 'microphone' level by on-board switch selection
- Elegant, basalt grey, top, satin silver base; anti-slip feet – no sliding off desks
- The standard capsule is moving coil (see technical specification); electret and noise-cancelling microphone capsule options to special order.



### Eliminate that noise with DSP 350 technology!

NEW Digital Signal Processing (DSP) technology to electronically remove unwanted background noise from speech, enabling announcements to be more easily understood. The technology is self-adapting to changing noise environments, no 'training' of the noise filter is required.

Installers can adjust the level of noise suppression to system requirements; the residual background noise still sounds natural, but up to 30 dB lower.

### Order codes

**DPM 102B** – Single zone with 600R line pre-amplifier with proximity auto bass cut and limiter

**DPM 202B** – Two zone with 600R line pre-amplifier with proximity auto bass cut and limiter

**DPM 102/B/FM** – single zone (with 600R line pre-amplifier) flush wall mount version with 130mm length heavy duty F86 microphone

**DPM 202/B/FM** – two zone (with 600R line pre-amplifier) flush wall mount version with 130mm length heavy duty F86 microphone

**DSP 350** – Digital signal processor; increases the difference between unwanted background noise and speech announcements, even where this noise is at the same level as the announcement; plugs into DPM 102, 202, preset noise attenuation of up to 30dB



## TECHNICAL SPECIFICATION

### PRO-RANGE DESK PAGING MICROPHONES

#### Output level

Switchable 0dBm, 600 R source, or -20dBm, 60 R source

#### Matching impedance

600 ohms both at microphone level and amplified line level option

#### Frequency response

Unlimited:  $\pm 3$ dB 100Hz to 8KHz

Bass cut on limit variable with voice proximity to -18dB @ 100Hz

Proximity level limiting: maximum 26dB

#### Dimensions

50mm high max x 170mm deep x 130mm wide

Gooseneck length: 290mm

#### Powering

a) by local plug-in power supply PSU 24v

b) by independent powering from the host system

15 way 'D' interface for easy system integration and facility selection. A 1.8m lead is supplied, free-end unterminated, stripped and tinned, for fitting an installation interface connector appropriate to the facilities required.

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