

Occupant Warning Systems

Remote Paging Desktop Microphones

Model PA-1 Model PA-8 Model PA-16

- Standard configuration 1, 8 and 16 speaker zone selections
- Dynamic goose neck microphone with industry standard XLR connector
- Built-in Pre-amp
- Background music socket for line input connected directly to the Microphone
- Background music input enable control
- Power on and fault indicator LEDs (fault led indicates communication or OWS fault)
- Powered from fire panel (battery backup)
- Supplied with wall mount plate and plug-in cables
- Individual zone selection or all call paging
- Requires only 6 wires from the OWS main control module, 2 for audio, 2 for 24V power and 2 for RS485 or Mic enable



General

The Brooks series of remote desk microphones are intended for public address use in conjunction with the Brooks OWS (Occupant Warning Systems).

Available in 3 models, single zone (PA-1), 8 zone (PA-8) and 16 zone (PA-16) the Brooks range of remote desk microphones are elegantly styled in a rugged metal enclosure providing excellent stability for desk top applications – no annoying slippage. In addition the Brooks units provide excellent speech intelligibility for all public address applications.

In addition to the all call the PA-8 & PA-16 allows for individual zone selection for any zone or any combination of zones. The PA microphone range also features for background music (BGM) a line input socket and music input enable control.

Operation

The single zone paging microphone provides only two buttons:

1. PRESS TO TALK (PTT) button, press and hold the button to broadcast a public announcement.

2. Background Music enable (BGM) button, used to broadcast background music if available.

Note: only one button can be selected, PTT overrides BGM enable button.

PA-8 or PA-16 Microphone

Provides 4 common control buttons and 8 (PA-8) or 16 (PA-16) zone selection buttons

1. Select the zone or zones by pressing the zone buttons or select ALL CALL for all zones.
2. Select PA button once, then press and hold the PRESS TO TALK (PTT) button to broadcast PA of the selected zone (s)

Or

3. Select BGM button to broadcast background music (if available) to the selected zone (s).



Australia Head Office: 4 Pike Street Rydalmere NSW 2116
Ph+61 2 9684 1466 **Fx**+61 2 9684 4146 **Toll Free** 1300 78 FIRE

New Zealand Unit 106, The Zone, 23 Edwin Street Mount Eden 1024
Ph+64 9 638 4644 **Fx**+64 9 6384645 **Toll Free** 0800 220 007

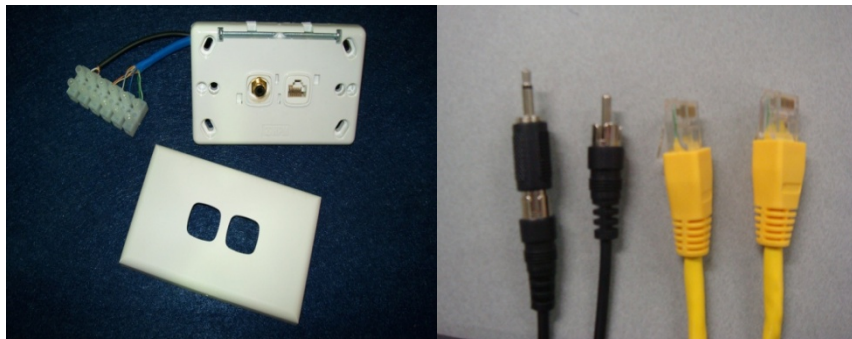
Web: www.brooks.com.au (Aus) www.brooks.co.nz (NZ)

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Installation Kit

The Brooks remote paging desk microphone series is easy to fit and install. Each desk microphone is supplied with an installation kit consisting of the following:

1. Industry standard wall mount plate
2. RCA/RCA audio cable (3 metres) with plugs at both ends and 3.5mm adapter jack
3. Cat 5 cable with RJ45 connectors at both ends
4. Terminal block 6 way for field wiring (pre-wired to the wall plate)



Wall Plate

Cables provided

Technical Specifications

Function	PA-1	PA-8 / PA-16
Voltage	15 to 30Vdc	15 to 30Vdc
Fuse	500mA (in-line fuse inside CIE)	500mA (in-line fuse inside CIE)
Audio input impedance	10 kΩ	10 kΩ
Quiescent current	9 mA	40 mA
Full load current (all LEDs on)	20 mA	100 mA



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