

# BM 3002

## PREAMPLIFIED PAGING MICROPHONE

### DESCRIPTION

The built-in amplifier raises a very low level microphone signal to the nominal value of 0 dB (775 mV). An auxiliary input enables up to thirty BM 3002 stands to be connected in series on a single high level input of the amplifier. Four different function modes are possible when multiple microphone stands are connected in series: o mixed; o interlocking; o mixed with two stands having graduated priority; o interlocking with two stands having graduated priority.

The excellent directivity of the condenser microphone reduces feedback, off-axis noise, and background noise. The stand includes a generator for a two-tone signal (chime) to precede microphone announcements.

### FEATURES

- Plastic body with 320 mm gooseneck
- Pushbuttons for momentary and locking microphone activation, LED indicator
- Built-in pre-announcement chime generator
- Internal preamplifier providing high level audio output (0 dBu: 775 mV)
- Connections on screw terminals inside
- Auxiliary input for series connection of thirty BM 3002 consoles, priority/interlocking circuit
- Power supply 230V ac or 24 V dc (batteries)
- Polyurethane foam wind screen
- 1.5 m power supply cable

**TECHNICAL SPECIFICATIONS**

|                                  |                                   |   |
|----------------------------------|-----------------------------------|---|
| <b>Microphone specifications</b> | Type:                             | Desktop paging microphone with electret capsule |
|                                  | Directivity:                      | Unidirectional Cardioid                         |
|                                  | Frequency Response (-3dB):        | 80 Hz ÷ 16 kHz                                  |
|                                  | Output impedance (ohm):           | 600.00 ohm                                      |
|                                  | Signal / Noise ratio @1kHz:       | 80.00 dB  |
|                                  | Total harmonic distortion @1 kHz: | 0.50%   |

|                          |                    |              |
|--------------------------|--------------------|--------------|
| <b>Power requirement</b> | Operating voltage: | 220.00V ~ Hz |
|                          | Power consumption: | 1.00 mA      |

|                    |             |                 |
|--------------------|-------------|-----------------|
| <b>Connections</b> | Connectors: | Screw Terminals |
|--------------------|-------------|-----------------|

|                    |                   |     |
|--------------------|-------------------|-----|
| <b>Accessories</b> | Cable included:   | Yes |
|                    | Cable length (m): | 1.5 |

|                            |             |     |
|----------------------------|-------------|-----|
| <b>Standard compliance</b> | CE marking: | Yes |
|----------------------------|-------------|-----|

|             |         |                       |
|-------------|---------|-----------------------|
| <b>Size</b> | Height: | 270 mm / 10.63 inches |
|             | Width:  | 132 mm / 5.2 inches   |
|             | Depth:  | 200 mm / 7.87 inches  |

|                              |                 |                       |
|------------------------------|-----------------|-----------------------|
| <b>Shipping informations</b> | Package Height: | 240 mm / 9.45 inches  |
|                              | Package Width:  | 380 mm / 14.96 inches |
|                              | Package Depth:  | 165 mm / 6.5 inches   |
|                              | Package Weight: | 2.4 kg / 5.29 lbs     |

**PART NUMBER**

- **14320125**

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