

The MC 1 & MC 2 desktop microphone have been designed adhering to a few essential design rules; simplicity, functionality and aesthetic. Both features an ascending 4-tone chime to mark the beginning of an announcement and a descending 4-tone chime to mark the end of an announcement.

The Chime's volume can be adjusted at the base of the unit or even disabled should it not be required. The unit is constructed from a sleek aluminium body and features a front bi-colour LED indicating the status of the microphones; whether the chime in progress or when it is ready for paging. Upon activation of the unit, a dry contact activation line is triggered for interfacing with external devices. The MC 1 has a balanced output of -50 dB, designed for short cable run, while MC 2 is suitable for longer cable run with a balanced output of 0 dB. The MC 1 features a low current consumption circuit that operates off two C-size 1.5 V batteries and MC 2 operates off an external regulated power supply of 24 Vdc.

The MP 1 paging microphone features a unidirectional dynamic microphone and a push-to-talk button, with a balanced output of -55 dB. The unit is suitable for paging applications that do not require a chime.

## MC 1 / MC 2

- Unidirectional dynamic microphone with built-in electronic chime unit.
- User adjustable chime volume with option to disable the chime.
- A bi-colour LED indicator displays the paging status of the microphone.
- A press-to-talk button is available for easy operation.
- 5-pin (MC 1) / 7-pin (MC 2) microphone socket output.
- Solution for both short distance cable run (MC 1) and long distance cable run (MC 2).

## MP1

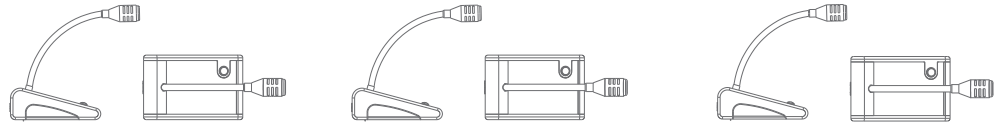
- Unidirectional dynamic microphone.
- A press-to-talk button to activate microphone and also to trigger the priority function of the system.
- 5-pin microphone socket output.



**MC 1 / MC 2**  
Chime Microphone



**MP 1**  
Paging Microphone

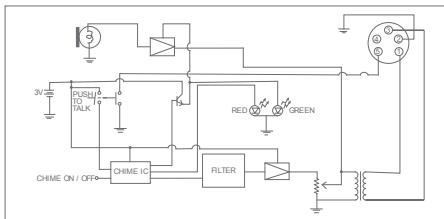


## Technical Specifications

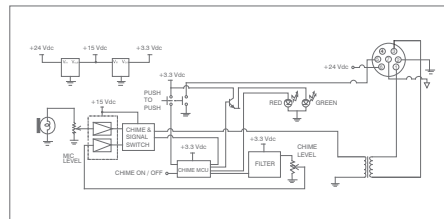
	MC 1	MC 2	MP 1
Connector	5-pin panel mount microphone socket	7-pin panel mount microphone socket	5-pin panel mount microphone socket
Indicator Type	Bi-colour LED indicator for paging status	Bi-colour LED indicator for paging status	-
Audio Signal Output	-50 dBV, 600 Ω balanced	0 dBV; 600 Ω balanced	-55 dBV, 500 Ω balanced
Frequency Response	100 Hz ~ 12 kHz	100 Hz ~ 12 kHz	100 Hz ~ 12 kHz
Capsule Type	20 mm Dynamic Moving Coil	20 mm Dynamic Moving Coil	20 mm Dynamic Moving Coil
Dimensions (W x H x D)	100 x 60 x 180 mm	100 x 60 x 180 mm	100 x 60 x 180 mm
Material & Finish	Aluminium Extruded Body, Steele Blue (RAL 5011)	ABS Resin, Aluminium & Mild Steel; Steele Blue (RAL 5011)	Aluminium Extruded Body, Steele Blue (RAL 5011)
Weight	0.75 kg	0.8 kg	0.5 kg

## Block Diagram

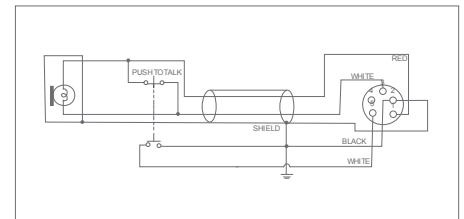
### MC 1



### MC 2



### MP 1



## Engineers' Specifications

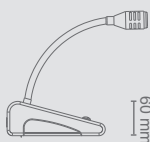
### MC 1 & MC 2

The Desktop Chime Microphone shall come with a non-detachable dynamic gooseneck microphone with a 20 mm capsule. The audio signal shall be -50 dBV (MC 1) / 0 dBV (MC 2), 600 ohm balanced output and uniform frequency response of 100 Hz ~ 12 kHz. It shall emit a 4-tone chime (which can be bypassed if not required by the user) when the talk button is pressed. The unit shall have a bi-colour LED indicator to show the paging operation status; RED for CHIME in progress and GREEN for TALK ready. The chime volume shall be controllable at the base of the microphone stand. The unit shall operate on 2 x 1.5 V 'C' size battery (MC 1) / off an external power

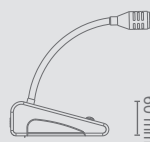
supply of regulated 24 Vdc and shall not consume more than 30 mA of current (MC 2). The dimensions of the unit shall not exceed 100 x 60 x 180 mm (W x H x D) and weight not exceeding 0.8 kg.

### MP 1

The Desktop Microphone shall come with a non-detachable dynamic gooseneck microphone with a 20 mm capsule. The audio signal shall be -55 dB, 500 ohm balanced output and uniform frequency response of 100 Hz ~ 12 kHz. The dimensions of the unit shall not exceed 100 x 60 x 180 mm (W x H x D) and weight not exceeding 0.5 kg.



MC 1



MC 2



MP 1