



- Up to 100 delegate units
- Manual, self-cancelling and voice activated modes
- Single cable connections
- Common mode audio system
- Unidirectional microphone with ring luminant

Delegate units have a single switch and LED indicator (MIC ON). The unidirectional electret microphone has a semi rigid stem for easy storage, and a ring luminant to identify live units. The portable type delegate units incorporate a built-in loudspeaker and amplifier and the loudspeaker is automatically muted when the microphone is live. There is also a passive Secretary's unit with loudspeaker and tape input/output connectors (SEC-2).

The SDM-2 units can be used in any of the three possible system operating modes as selected on the central unit. In the MANUAL mode the switch is used to activate or cancel the microphone. In the SELF-CANCELLING mode the switch is used to activate the microphone which is

automatically cancelled when the user stops speaking. When the system is used in the AUTOMATIC mode the microphone is voice activated for, "hands off" operation but the loud-speaker renders them less suitable for voice activated operation. The central unit (PMIC-2B/D/S) has controls to vary the sensitivity and hold time of the system in Self Cancelling and Automatic modes, and to preset the maximum number of live microphones permitted from 1 to 5 or up to 20. Delegate units connect to each other and to the central unit via a single loop through 7-conductor cable. Portable delegate and chairmans units have plug and socket connections with a 2m captive cable. Extension cables are available in 5m and 10m lengths.

Chairmans Unit

The chairman's unit is similar to the delegate units with a single push button switch and LED indicator (MIC ON). This can operate either manually or in the system mode selected. Two stages of PRIORITY are provided. A second switch temporarily mutes the delegate units whilst simultaneously activating the chairman's microphone, or they can be permanently muted by an INHIBIT switch. The chairman's unit has a 2m captive cable and can be connected into the delegate chain at any position.

Common Mode Reverse Audio Feed

Auditel conference systems incorporate CMRAF which allows both the microphone output and the loudspeaker drive signals to use the same pair of conductors without interaction. This permits equalisation, frequency shift and external signals to be introduced into the distributed loudspeaker system of the delegate units whilst retaining the single cable 7-conductor loop through connections. It also enables local sound reinforcement to be combined with the incoming signal in teleconference applications.

Technical Data

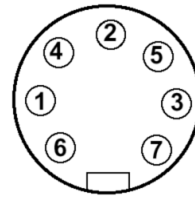
Microphone and Pre-amplifier

Sensitivity	-63dBV (± 3 dB)
Rear attenuation	-20dB at 1 kHz
Frequency response	100-15kHz (-3dB)
S/N at 1mV input	72dB (A wtg.)
Distortion at 1 kHz	less than 0.15%
Built-in compressor/limiter	

Loudspeaker

Max. power handling	1000mW
Frequency response	175Hz-10kHz (± 5 dB)
SPL at 1kHz	87dB/W/m
Delegate unit cable	2m captive cable
Chairman's unit cable	2m captive cable
Extension cables	SL-5 (5m), SL-10 (10m)
Colour	light/dark grey
Size	215x149x240mm
Weight	0.70kg.(SDM-2)

Connections 7 pin DIN



- 1 0 volts (shell)
- 2 mode/priority
- 3 audio/hold time
- 4 +24 Volts
- 5 mode select
- 6 -24 Volts
- 7 audio/sensitivity

Architects and Engineers specification

The delegate discussion units shall be portable with a unidirectional electret microphone with ring luminant, a loudspeaker, and a single push button switch with LED indicator for MIC ON. The units shall operate in manual, self cancelling, and voice activated modes according to the system operating mode selected on the central unit and they shall also have a common mode audio system. The chairman's unit shall be similar but with additional switches and indicators for PRIORITY and INHIBIT. All units shall connect by a 7-conductor loop-through 2m captive cable and plug. The frequency response shall be at least 125Hz-15kHz (-3dB), S/N at 1mV input better than 72dB (A wtg.), and distortion less than 0.15%. Loudspeakers shall have a power handling of at least 1000mW, frequency response 175Hz-10kHz (± 5 dB) and SPL at least 87dB/W/m.

We reserve the right to vary the specification without notice in the interest of product improvement



conference and interpretation systems

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