

- Unit with separate electronics enclosure for use with custom panels supplied by the user
- System capability 3000+ units
- Delegate or central control
- 7-way single cable connections
- Digitally controlled
- Common mode audio system
- Uses proprietary cables

These units are designed for use in fixed systems where the standard units are unsuitable because of space restrictions. They are also useful where mic/voting units are required in chairarms. The electronics are contained in a remote fixing enclosure to which the controls are connected via flying leads.

The units are electronically identical to the other units in the IDN range and have a local loudspeaker and grill. They are also available with voting (-MV5), and with both voting and cardreader (-MV5C). The microphones can be switched by the user or by an operator using a CPM-401/2 manual console or a computer control system. The five voting controls allow both Parliamentary and Multiple Choice Mode voting and the cardreader is the electronic ("Smart Card") type. The unit is supplied with a switch for REQUEST/MIC ON and led indicators for WAIT/MIC ON and an ALERT indicator which indicates "Message Waiting" and gives a warning when the preset "Speech Time" has elapsed (in systems fitted with an

automatic timer). The chairman's unit has an additional PRIORITY switch and indicator.

The controls and indicators, the loudspeaker, the cardreader and a connector for the microphone, are on 30cm flying leads which plug into the main circuit board and are intended for mounting on custom panels. The standard unit has a 5-pin XLR socket and is matched to the AM-1HSW and AM-2X or AM-2GX microphones. Input matching for other types of microphone can be provided but these may be at extra cost.

Delegate and chairman's units connect on a bus system to the network controller (PM-100 or NC-50) via a 7-conductor cable. Usually a single loop through cable is used but trunk and spur connection is equally possible. The address code is set by readily accessible DIL switches and the units have screw terminations.

Technical Data

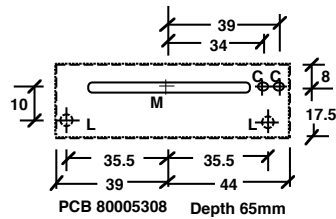
Pre-amplifier	
Input level	-63dBV nom
Frequency response	40Hz - 50kHz (-3dB)
Distortion at 1 kHz	less than 0.15%
S/N at 1mV input	72dB (A wtg.)
Built-in compressor/limiter	
Size	210x135x45mm
Weight	0.90kg
Loudspeaker	
Max. power handling	1000mW
Frequency response	175Hz-10kHz (±5dB)
SPL at 1kHz	87dB/W/m

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.

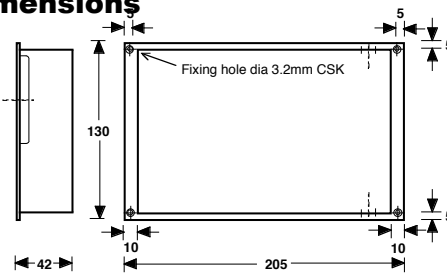
Panel Cut Out details

- A CUTOUT 19 X 19MM
- B CUTOUT 19 X 8MM
- C HOLE 6.3MM DIA.
- D STUD M3 X 15MM
- E CUTOUT 38 X 19MM
- F CUTOUT 9.5 X 8MM
- G CUTOUT 16 X 80.2MM
- K CUTOUT 44 X 90MM
- L STUD M3 X 10MM
- M CUTOUT 57 X 3MM

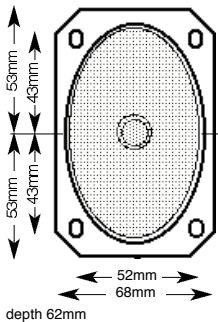
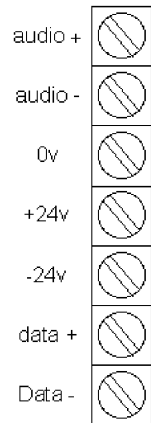


Cardreader

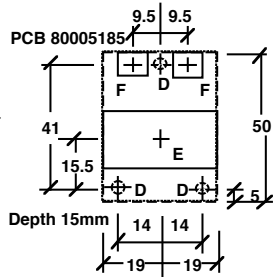
Dimensions



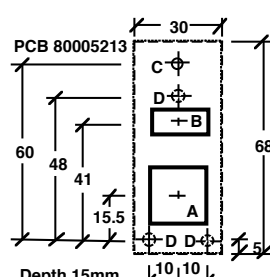
Connections



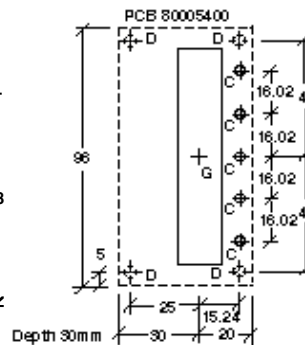
Loudspeaker



Chairmans Controls



Delegate Controls



Voting Controls

Architects and Engineers specification

The delegate units shall be suitable for use where there are space restrictions. They shall have a remote fixing electronics unit with a pcb mounted switch for WAIT/MIC ON, an ALERT indicator (Message/ Speech Time), a loudspeaker, and (according to requirements) five voting controls (for Parliamentary and Multiple Choice Voting Modes) and an electronic cardreader. The units shall be digitally controlled and operate in delegate control with the possibility of operator intervention, or in central control mode. It shall be possible to temporarily inhibit selected units and to assign VIP status and the units shall also have a common mode audio system. The chairman's unit shall have an ON/OFF switch with indicator for MIC ON and a PRIORITY switch. Delegate and chairman's units shall connect by a 7-conductor loop through cable to the network controller. The frequency response shall be at least 40Hz-50kHz (-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 (±5dB) 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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