



- Seat arm fixing unit with voting and cardreader
- System capability 3000+ units
- Delegate or central control
- 12 channel language selector
- Single cable connections
- Digitally controlled

These units are designed for fixing in the arm of a chair. The FDM-1MV5C has a built-in unidirectional electret microphone, voting facilities, and a cardreader. The FDM-1MV5 is identical, but without the cardreader. The FDM-1MV5/SI has the added benefit of a 12 channel language selector

The units are electronically identical to the other units in the IDN range. The microphones can be switched by the user or by an operator using a computer control system. They can be used in either delegate control mode, with the possibility of operator intervention, or in central control mode with the facility to mute individual units and to assign VIP status which allows delegate switching without operator intervention. Voting can also be disabled if required.

The unit is fitted with a switch for REQUEST/MIC ON and led indicators for WAIT/MIC ON. It is possible to cancel requests and to temporarily mute the microphone when it is live. There

is 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 five voting controls allow both Parliamentary type voting ('YES', 'NO', or 'ABSTAIN') and Multiple Choice Mode voting (1 from 5, or 2 from 5). Votes can be changed during the voting period as only the last vote is counted.

The electronic cardreader uses programmable 'smart cards' to identify the user and it overcomes the need to preassign seats. It has indicators to verify the card validity.

Delegate and chairman's units connect on a bus system to the network controller (NC-50/NC100) 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

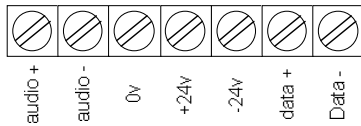
Microphone and Pre-amplifier

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

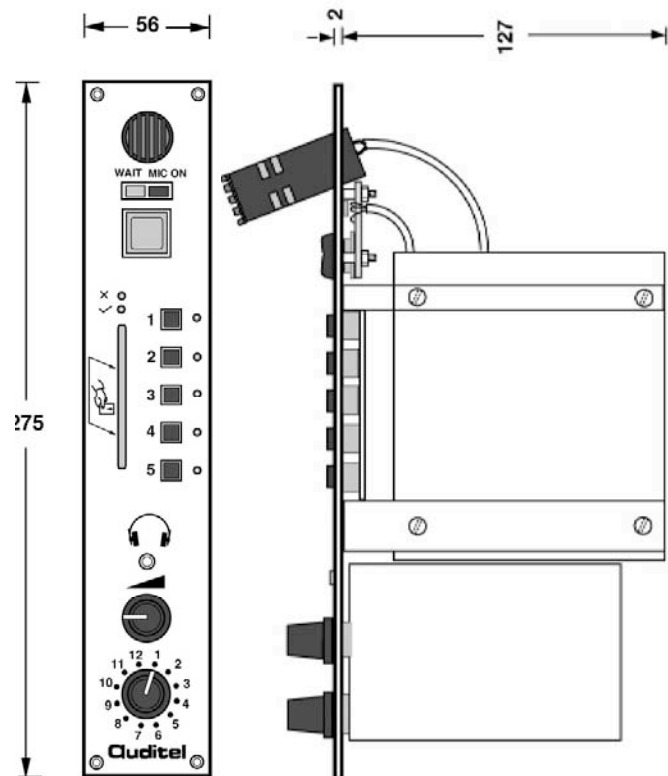
Built-in compressor/limiter

Dimensions	
Panel size	205mm x 55mm
Depth	130mm
Weight	0.40 Kg

Connections



Panel Layout example



Architects and Engineers specification

The delegate unit shall be suitable for fixing in a seat arm. It shall have a unidirectional electret microphone built into the panel, a switch with indicators for WAIT/MIC ON, an ALERT indicator which indicates "Message Waiting" and gives a warning when the pre-set "Speech Time" has elapsed, five voting controls for Parliamentary and Multiple Choice voting modes, and electronic cardreader. The unit 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. Delegate units shall connect by a 7-conductor loop through cable to the network controller. The frequency response shall be at least 100Hz-15kHz (-3dB), S/N at 1mV input better than 72dB (A wtg.), and distortion less than 0.15%.

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



conference and interpretation systems

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