Superior
Conferencing
Solutions

A SHURE Company

CM 6080 F Conference Unit

- Flush-mounted chairman conference unit
- Channel selector
- Loudspeaker
- Lockable XLR microphone connector

Description

The CM 6080 F is a fully digital flush-mounted conference unit in the DIS DCS 6000 Digital Conference System.

The unit is designed as a discussion unit with channel selector functionality. It features a microphone button, a delegate off button, headphone jack, channel selector, a loudspeaker and a lockable XLR microphone connector.

The microphone button enables the user to activate/deactivate the microphone. A red LED indicates when the microphone is on.

The delegate off button enables the user to turn off all active delegate microphones. A green LED indicates that the button is activated.

The floor channel is distributed through the built-in loudspeaker except when the microphone is turned on. The user can also listen to the floor channel by inserting headphones in the headphone jack and adjusting the volume with the volume buttons. Optionally, the channel selector can be used for listening to an interpretation channel.

The CM 6080 F can be used in combination with the gooseneck microphones GM 652x or GM 6622 or the boundary microphone BM 6620.

The gooseneck microphones GM 652x or GM 6622 can be locked to the unit with a 2 mm hex key. The lock is accessible from the small hole to the right of the XLR socket. Turn the hex key clockwise to enable the lock and insert the gooseneck microphone into the XLR socket. Turn the hex key counterclockwise to disable the lock and remove the gooseneck microphone.

The boundary microphone BM 6620 can be retrofitted by replacing the XLR insert in the plastic adaptor with the boundary microphone. The molex mini-connector fits with the microphone connector on the PCB.

The CM 6080 F can be mixed with any conference units from the DCS 6000 Digital Conference System.

Features

The CM 6080 F has the following standard features:

- Standard conference unit for chairmen
- Fully digital audio transmission
- Daisy chain topology with loop-through connections or star topology using junction boxes
- CAT 5e (or higher) F/UTP or U/FTP cabling
- Maximum of 3800 conference units per system
- Support for four microphone operation modes; Automatic, FIFO, Manual and VOX (voice activation)
- Support for three microphone interrupt modes enabling 'ping pong' mode
- Auto off of microphones
- Lockable XLR gooseneck microphone connector
- One high-quality loudspeaker
- A channel selector supporting the floor channel and 31 interpretation channels
- One headphone jack
- A microphone button with LED indicator for speak
- A delegate off button with LED indicator for delegates off

Specifications

Electrical

Frequency response (channel selector)	65 Hz-16 kHz
Frequency range (loudspeaker)	150 Hz-15 kHz
Power consumption	3.5 W
Power maximum (loudspeaker)	3.0 W RMS
THD	< 0.1 %
Signal-to-noise ratio	> 90 dBA
Microphone connection	3-pin female XLR
Headphone connection	3.5 mm jack female stereo socket

Interconnections

DCS-LAN	Two RJ45 female sockets with auto-termination

Mechanical

Mounting	Flush mounting
Dimensions (H x W x D)	90 x 180 x 62.6 mm
Panel cut-out (H x W)	85 x 157 mm (important: corner radius maximum R3.0)
Weight	650 g
Color	Black
Material	Anodized aluminium
Temperature range	5° to 40° C

Certifications

The DCS 6000 system conforms to standard IEC 60914.

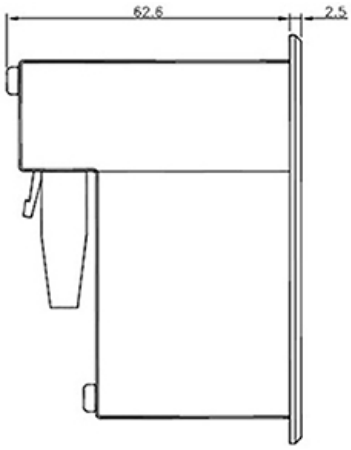
How To Order

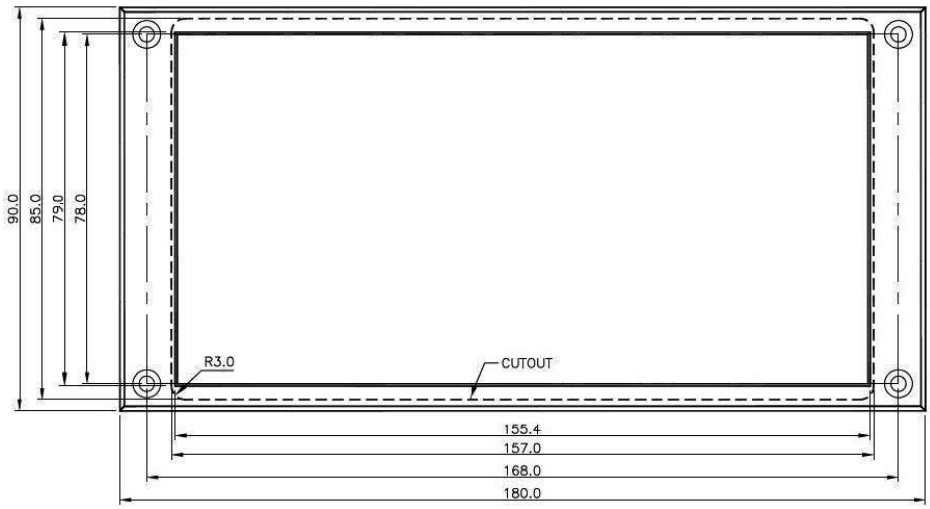
Conference unit

CM 6080 F	15 11 58373

Please notice that gooseneck microphones GM 652x/6622, boundary microphone BM 6620 and headphones DH 6021 must be ordered separately.

DRAWING





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