

FRONT PLATE UNIT

The front plate unit shall be a flush mounted, single delegate unit designed for use with the MU 6040 D microphone unit. The unit shall provide fully digital audio transmission for the DIS DCS 6000 Digital Conference System. The unit shall be designed for installations where the flush mounted unit must take up minimal space, with minimum (primarily mechanical) components. The remaining (primarily electronic) components shall be fitted into a MU that can be mounted in a more spacious location.

The unit shall feature a microphone and a *Mute* button, both with LED indicators. The microphone button shall enable the user to activate/deactivate the microphone. The front plate unit shall provide support for four microphone operation modes: Automatic, FIFO, Manual and VOX (voice activation). The unit shall support three microphone interrupt modes that enable *ping pong* mode.

The *Mute* button shall enable the user to mute their active microphone while the mute button is held down.

The flush mounted front plate unit shall feature a built-in loudspeaker that distributes the floor channel. The loudspeaker shall automatically mute when the microphone is turned on. The unit shall have a loudspeaker frequency range of 150 Hz to 15 kHz, with a power maximum of 3.0 W RMS.

The front plate unit shall be used in combination with the gooseneck microphones GM 652x or GM 6628, or the boundary microphone BM 6620.

The gooseneck microphones model GM 652x or GM 6628 shall be lockable to the unit with a 2 mm hex key. The lock shall be accessible from a small hole above the XLR socket. The hex key shall be turned clockwise to enable the lock, and insert the gooseneck microphone into the XLR socket, and counter clockwise to disable the lock, and remove the gooseneck microphone from the unit.

The boundary microphone BM 6620 shall be retrofitted by replacing the XLR insert in the plastic adaptor with the boundary microphone.

The front plate unit shall measure 90 mm in height, 160 mm in width and 30 mm in depth. The unit shall be made of black anodized aluminum and weigh 200g, with a temperature range of 5° to 40° C.

The front plate unit shall be a DIS FD 6120.