


 SETEL

## - CONFERENCING SYSTEMS -



## - MONO/STEREO AUDIO CONFERENCING SYSTEMS -

These systems allow 4-wire communication between a number of remote stations with the supervision of one or more operators who monitor and coordinate the conferences.

The system comprises user interface modules (up to 20 per routing switcher); supervisor interface modules (2 per routing switcher); microprocessor control modules interfaced to the routing switcher and the supervisory panel; self-contained and external power supplies; and a frequency generator module. User interface module "UT2" is a board that controls the input and output of two individual users (or a single stereo user), who are connected to the requested conference by one of the two supervisors.

The board has a series of switches to monitor the user's input and output channels, and enable the supervisory control panel to monitor volume levels.

The supervisor interface module is located between the conference routing switcher and the supervisory control panel. It receives the supervisor's microphone input and transmits it to selected users. This unit also delivers the mix to the supervisory console, as well as monitoring signal status and conference volume levels.

The control module handles all switching traffic on the user and supervisor boards, as well as transmitting to and receiving commands from the supervisory control panels. The supervisory console is contained in 6 short rack units, and includes three keyboards: user monitoring selection, conference selection, and commands to 40 users. The console has a display to monitor user status and VU LED-bars.

The console is controlled by a microprocessor that sends commands to the routing switcher. It contains a microphone amplifier with compressor and a power amplifier for the 5W speaker.

# TECHNICAL DETAILS

## INPUT

Impedance: 10 k $\Omega$   
Nominal level: +6 dB  
Maximum level: +18 dB  
CMRR: 80dB



## OUTPUT

Impedance: 10  $\Omega$   
Load impedance: 200  $\Omega$   
Nominal level: +6 dB  
Maximum level: +18 dBm  
Frequency response: 50 Hz - 15 kHz  $\pm$ 1 dB  
Maximum distortion: 0.05% +6 dBm  
Ground noise: -70 dB  
Crosstalk: -70 dB @ 5 kHz  
Feedback attenuation: 40 dB

Product specifications are subject to change without notice