



### SPEAKERS

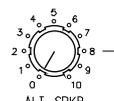
- MUTE CAL
- LEFT -
  - IN. LEFT -
  - CENTER -
  - IN. RIGHT -
  - RIGHT -
  - S. LEFT -
  - S. RIGHT -
  - SUB-W -

### SOLO

- UNCAL
- 
- SOLO LEVEL
- SPLIT
  - MODE
- SP LISTEN

### CONTROL ROOM

- DIRECT
- LT. RT
- MATRIX



- ALT2 - ALT1
- ALT1 - ALT2
- MAIN - MAIN



- MONO
- UNCAL
- AUTO MUTE
- ACADEMY
- DIM CAL
- DIM - DIM



## MONITOR CONTROL MASTER MODULE

### CALIBRATION

Each monitor output is equipped with a multi-turn calibration pot, as well as a mute switch that facilitates calibration of individual speaker level.

### SOLO MASTER

The standard solo configuration allows a global muting of all faders (large and small) when operating in PFL/ AFL non destructive modes. However, when operating in SIP destructive mode, a SPLIT function is provided to separate the large and small fader bank solo logic. When in split, a solo activated in the small fader section will not affect the large faders. The SIP switch toggles between the PFL/ AFL and SIP modes. The PFL/ AFL level is internally calibrated, but the UNCAL switch enables the SOLO LEVEL control to adjust the listening level. PFL/ AFL speaker distribution is internally programmed with jumpers. Any solo speaker combination is possible, from center only, to all speakers.

### THEATER MONITORING

The monitor source is selected through a set of 3 interlocked switches that allow access to MATRIX, LT/ RT, and DIRECT. The direct access is fed from 2 points at the patch bay. The listening level is normally calibrated (user defined), but the UNCAL but ton enables the main speaker level control to vary the overall monitoring level. The ALT1 / ALT2 buttons allow the use of two additional sets of stereo speakers for alternative monitoring. A separate level control is provided to allow level matching between the main and alternate monitors. The MONO switch sums all 8 of the monitor signals into a mono bus for compatibility check. The mono signal distribution to speakers is set internally with jumpers. (user defined) Any combination, from one speaker, to all speakers is possible.

The ACAD switch inserts an academy filter in the mono signal path. Filter parameters are internally adjustable to match the theater's acoustic characteristics. The AUTO MUTE but ton allows triggering of the monitor mute by an external logic voltage command. Interfacing is done through an opto coupler circuit. The DIM but ton allows partial attenuation of the monitoring level. (0 to 25 dB user definable attenuation)

## COMMUNICATION MASTER MODULE

### OSCILLATOR

A select table frequency oscillator is provided on the communication module. Five switches allow frequency selection between 50Hz, 100 Hz, 1 KHz, 10 KHz and 15 KHz. Pink noise is also generated when depressing the Pink but ton. Two calibration pots are supplied for individual calibration of the frequency oscillator and the pink noise generator. The +/- 10dB level control affects both oscillator and generator output signal. The SLATE but ton sends the oscillator and pink to the multi-track busses. The output signal is also available at the patchbay. The ON but ton turns the oscillator section on or off.

### FOLDBACK

Two master foldback send sections are provided. A group of source selection switches allows each foldback to be fed from any of the auxiliary busses, or by the main surround monitor matrix signal. When the matrix is feeding the foldback, a summing of the L/ IL/ SL is fed to the left, a summing of R/ IR/ SR is fed to the right and C/ SW are fed to both left and right. The foldback level is automatically dimmed when the talkback is in use.

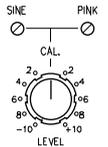
### TALKBACK

The talkback section is located at the bottom of the communication module. The talkback output selection allows the signal to be fed to the foldback section, the projection booth, a direct output and to the multi-track busses when selecting slate. A large back lit TALK but ton is located at the bottom of the auxiliary master module. The HANDS FREE switch sets the TALK but ton to a latch or momentary mode. The ENABLE but ton is only used with the optional machine room communication rack. The talkback microphone is located in the meter bridge and is controlled by the LEVEL knob.



### OSCILLATOR

- 15K
- 10K
- 1K
- 100
- 50
- PINK



- SLATE
- ON

### FOLDBACK 2

- AUX 7-8
- AUX 5-6
- AUX 3-4
- AUX 1-2
- MATRIX



- ON - ON

### FOLDBACK 1

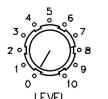
- AUX 7-8
- AUX 5-6
- AUX 3-4
- AUX 1-2
- MATRIX



- ON - ON

### TALKBACK

- DIRECT
- PROJ.
- FLDBK1
- FLDBK2
- SLATE



- HANDS FREE
- ENABLE

