

Six Channel Audio Mixer, Model TM6000

FEATURES

Inputs

- Four (4) General Purpose Balanced inputs.
 - Front panel Level control.
 - Gain Preset adjustment on rear panel.
 - Link selected Hi or Low input impedance. (internal)
 - Wired Push-To-Talk.
 - Optional VOX (voice operated switch) plug in module.
- Two (2) Stereo Unbalanced inputs.
 - Front panel Level control.
 - Gain Preset adjustment on rear panel.
 - Link selected Hi or Low input impedance. (internal)
 - Wired Push-To-Talk. (input #5 only)
 - Optional VOX (voice operated switch) plug in module. (input #5 only)

Output

- Mono, Balanced 600 ohm transformer coupled audio output.
- Front Panel Master Level control.

Bass and Treble

- Bass and Treble modules can be fitted to any, or all of the 6 channels. Alternatively, a group of channels can be cascaded and share a common Bass and Treble module. Bass and Treble control is accessed through a small orifice in front panel.

Warning Tones and Chime

- Alert Warning Tone operated from front panel or by remote. Alert Tone increases in 5 x 10dB steps to maximum. Forced timeout to Evacuate Warning Tone adjustable from Off to 7.5 minutes in 30 second increments.
- Evacuate Warning Tone operated from front panel or by remote. User recorded Voice Message interrupts Evacuate Warning Tone every 4 bursts.
- Melody Chime operated from front panel or by remote.

Priority and Activity

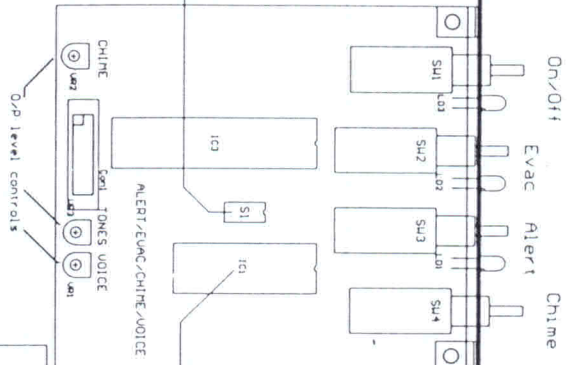
- Six levels of priority. Input 1 mutes 2-3-4-5-6, Input 2 mutes 3-4-5-6, Input 3 mutes 4-5-6, etc
- Warning Tones can be assigned to any priority. (internally selectable)
- Activity output signal on rear panel terminal. Any input (PTT/VOX) including Warning Tones can drive this output. (internally selectable)

General

- Black, Powder coated steel housing.
- Standard 19" Rack unit, 1U.
- Front panel Power switch and Power On indicator.
- Power is by 16v AC plugpack or 24v DC or both.
- DC 12V Auxiliary Output (current limited to 50mA)
- Weight 3kg

Appt Timeout to Evac Timeout

Sec	Sec 1	Sec 2	Sec 3	Sec 4
Alarm	On	On	On	On
30	On	On	On	On
60	On	On	On	On
90	On	On	On	On
120	On	On	On	On
150	On	On	On	On
180	On	On	On	On
210	On	On	On	On
240	On	On	On	On
270	On	On	On	On
300	On	On	On	On
330	On	On	On	On
360	On	On	On	On
390	On	On	On	On
420	On	On	On	On



Example of Tone Module configuration - i.e. 2 controls in 3 groups
 #6 Tone module entered by #5 and #1.
 #3 has NO tone control.
 Solutions:-
 Plug a Tone module into pm6 and pm3
 Line pins 1 & 2 on pm6, pm7 and pm2
 Line pins 2 & 3 on pm1

If NO tone control required - link pins 2-3
 To CASCADE a channel to the next tone module fit - link pins 1-2
 NO links in that position if module fitted

Layout Ver 2.PCB Modified Timeout Table

600B Term	Line	Generate	Rules
	Trout	Active	A/E
		O/P	Tones
	Fit	Remove	Fit
	Lmk	Line	Lmk
1/P #1	28	LK4	J10
1/P #2	27	LK3	J8
1/P #3	26	LK2	J6
1/P #4	25	LK1	J4
1/P #5	23 24		J2
1/P #6	21 22		J1
Tones			

Layout Ver 2.PCB Modified Timeout Table

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SCALE: 0.67

