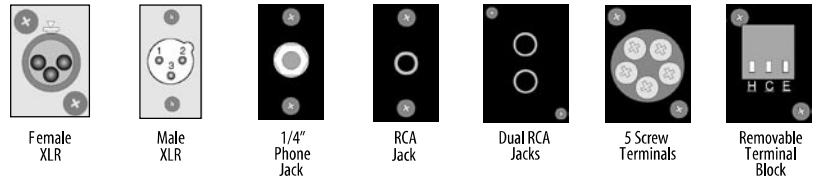## MUTING MODULES

The two types of muting modules, MUTE-RECEIVE and MUTE-SEND, have mute function circuitry that connects to two common "MUTE" buses, and one common "GROUND" bus when installed in an A-900MK2 mixer/amplifier or M-900MK2 mixer/pre-amplifier. A "BUS" is simply an internal wire that connects from module-slot to module-slot. You can access these buses via rear-panel screw terminals, labeled, "MUTE1", "MUTE2" and "GND". Mute-type modules connect to both mute buses "out-of-the-box". You can disconnect the module's mute function circuitry from each mute bus by cutting jumper wires on the modules. This allows you to configure systems with multiple levels of priority.

MUTE-RECEIVE modules respond to mute bus activation in either of two ways: 1) Switch Activation: Connecting a switch closure between the "MUTE" (1 or 2) and "GND" screw terminals on the rear of the mixer/amplifier activates the mute function circuitry of MUTE-RECEIVE modules connected to the same bus. This is also referred to as "manual muting". 2) Auto-Mute: When input signal level to a MUTE-SEND module exceeds a user-adjustable threshold, the module's mute function circuitry activates the mute function circuitry of all MUTE-RECEIVE modules connected to the same bus. This is also referred to as "signal-activated muting".

		Female XLR	Male XLR	1/4" Phone Jack	RCA Jack	Dual RCA Jacks	5 Screw Terminals	Removable Terminal Block
Microphone Input Modules	Standard with high/low cut filters	M-01F	M-01M	M-01P				M-01S
	Mute-Receive with high/low cut filters							M-11S
	Mute-Send with high/low cut filters							M-41S
	Voice Gate with low cut filters	M-51F						M-51S
	Compressor with high/low cut filters	M-61F						M-61S
	Remote Volume Control with high/low filters						M-21S	
	For high-Z mic. only w/ high/low cut filters			M-03P				
Line Input Modules*	Standard, no special features	L-01F B-01F U-01F		U-01P	U-01R			B-01S L-01S U-01S
	Standard with high/low cut filters					U-03R		U-03S
	Mute-Receive				U-11R			B-11S L-11S U-11S
	Mute-Receive with high/low cut filters					U-13R		U-13S
	Mute-Receive with variable mute depth							U-12S
	Mute-Send							B-41S L-41S
	Mute-Send with high/low cut filters					U-43R		U-43S
	Remote Volume Control						B-21S U-21S	
	Compressor							U-61S
	Dual input priority w/AGC					U-14R		
Special Function Modules	Line output							T-01S
	Line input with Music-On-Hold (MOH) output						T-02S	
	Line input w/ MOH & input Mute-Receive						T-12S	
	1 kHz Sine Wave test tone							S-01S
	Buzzer/Yelp signal tone							S-02S
	Switch-selectable tone							S-04S
	Digital message/tone with USB							S-20S
	Equalizer for F-121C/CM Speakers					E-03R		
	Equalizer for H-1 Speakers					E-04R		
	Equalizer for H-2/H-2WP Speakers					E-05R		
	Equalizer for H-3/H-3WP Speakers					E-06R		
	Low Pass Filter for FB-100/HB-1 Speakers							E-07S
	Remote master volume control (VCA)							V-01S

*For Line Input Modules:
Use "B" modules w/ transformer isolation for balanced/unbalanced sources.
Use "L" modules only for 600 ohm impedance matching.
Use "U" for unbalanced sources w/ short cables (≤ 15 feet).