

**Section 4    OPERATING INSTRUCTIONS**



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OPERATING INSTRUCTIONS

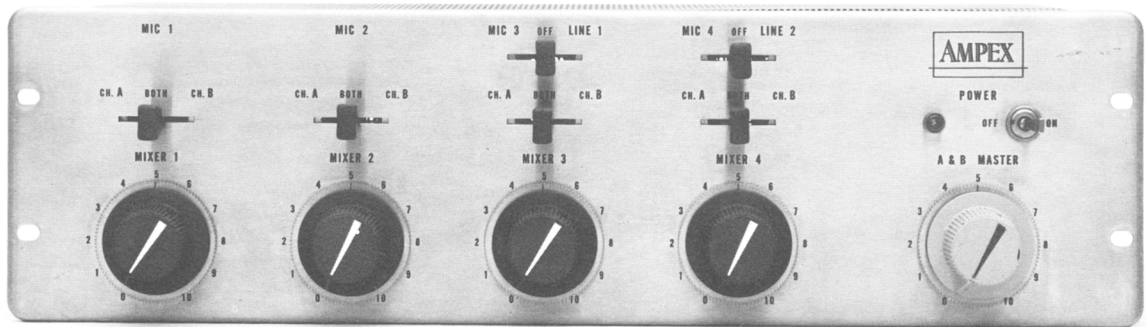
0136

**CONTROLS**

On the front panel of the mixer assembly are facilities for setting the levels of the individual inputs and the combined outputs. Switching allows each input to be fed to either or both outputs and additional switching allows the selection of either mike or line input

in the No. 3 and No. 4 mixer position. All switching regardless of combination maintains proper balance and isolation between channels.

The following table describes the function of each operating control. All controls listed are on the front panel of the mixer unless otherwise noted.



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*Operating controls*

<i>Item</i>	<i>Ref Sym</i>	<i>Function</i>
POWER ON-OFF SWITCH	S8	Controls power to the mixer assembly. Indicator lamp DS1 is lit when power is ON.
MICROPHONE-LINE SWITCH	S1 S2	Used to select Microphone 3 or LINE 1 (switch S1) and Microphone 4 or LINE 2 (switch S2). When in the center (OFF) position, no output is obtained from that mixer position.

CH. A - CH. B SELECTOR SWITCH	S3 S4 S5 S6	Used to feed the input to either or both of the outputs.
MIXER LEVEL	R5 R10 R15 R21	Adjusts the level of the individual inputs.
A & B MASTER LEVEL	R53	Adjusts the level of the combined inputs.
COUPLED MIXER SWITCH	S7 (rear panel)	Allows two or more mixer assemblies to be coupled together.
LEVEL SET	R32 (Chas R36 sis)	Adjusts the overall gain and balance of the mixer assembly.

### APPLYING POWER

Power is supplied through POWER switch S8 which must be turned on to operate the mixer assembly. If more than one mixer assembly is used, the POWER switch on each mixer must be turned on. The mixer assembly is fused by the  $\frac{3}{4}$  ampere fuse F1.

Turn the individual MIXER gain controls to provide sufficient signal strength and proper balance, taking care that the combined inputs do not overload the associated equipment.

When a high output level microphone (−30 dbm or higher) is used, it is preferable to turn down the individual MIXER gain controls rather than the A & B MASTER gain control.

### SETTING UP THE CONTROLS

#### NOTE

*To avoid overloading the user's equipment, the gain controls should ALL be turned to 0 (maximum counter-clockwise rotation) before starting the following procedure.*

Set the gain controls on the associated equipment to the desired position. Set the channel selector switches and MICrophone-LINE selector switches on the mixer as desired. Set the A&B MASTER gain control on the mixer assembly to approximately 12 on the dial.

Turn the associated reset dials on the mixer assembly to the corresponding position for the control concerned so that the gain controls may be turned down and then returned to the same volume (as with fading in or out).

### OPERATION OF THE EQUIPMENT

After the controls and reset dials have been set as outlined in the preceding paragraph, operation consists of varying the controls (around the gain indicated by the reset dials) in accordance with the program material. Beyond these operating instructions, operation is a matter of personal preference and proficiency.