

BOSS

BX-600

6 CHANNEL STEREO MIXER

INSTRUCTIONS

● Please read the instructions carefully.

■ PANEL DESCRIPTIONS

● Input Jacks

These are to connect audio equipment, musical instruments, microphone, etc.

● Effect Send Jack

This is to connect to the Input of the effect unit. If you are not using an effect unit, this jack serves as a monitor output jack.

● Effect Return Jacks

These are to connect to the Output of the effect unit. If you are not using an effect unit, this jack serves as a stereo line-in jack.

● Output Jacks

These are to connect to an amplifier, recording equipment, etc.

● Power Switch

● Gain Controls

These are to control the Gain of each channel according to the device connected. Rotating this knob clockwise (↻) raises the gain.

● Effect Volume Controls

These are to control the level of the output signal sent to each effect unit (Effect send level). Rotating this knob clockwise (↻) increases the level.

CAUTION: Since Effect Send Jack has a sufficient level (rated at +4 dBm), set this control to low enough in order not to overdrive the effects units.

* The pickup point of the Effect Send signal is located beyond channel volume.

● Panpot Controls

The Panpot Control routes the input signal from an Input Channel to the left and/or right mixing busses. By means of the Panpot Channel, input signals can be sent exclusively to one mixing bus, or the other, to both mixing busses equally, or since the Panpot Control is continuously variable, to both mixing busses in any relative proportion desired.

● Channel Volume Controls

These are to control the volume of each channel separately. Rotating this knob clockwise (↻) increases the volume.

● Power Indicator

When the BX-600 is turned on, this indicator lights up.

● Peak Indicators (Left and Right)

When the mixed signal of each channel reaches its maximum level, the corresponding indicator lights up.

● Effect Return Volume Controls (Left and Right)

These are to control effect sounds. Rotating clockwise will raise the volume.

● Master Volume Controls (Left and Right)

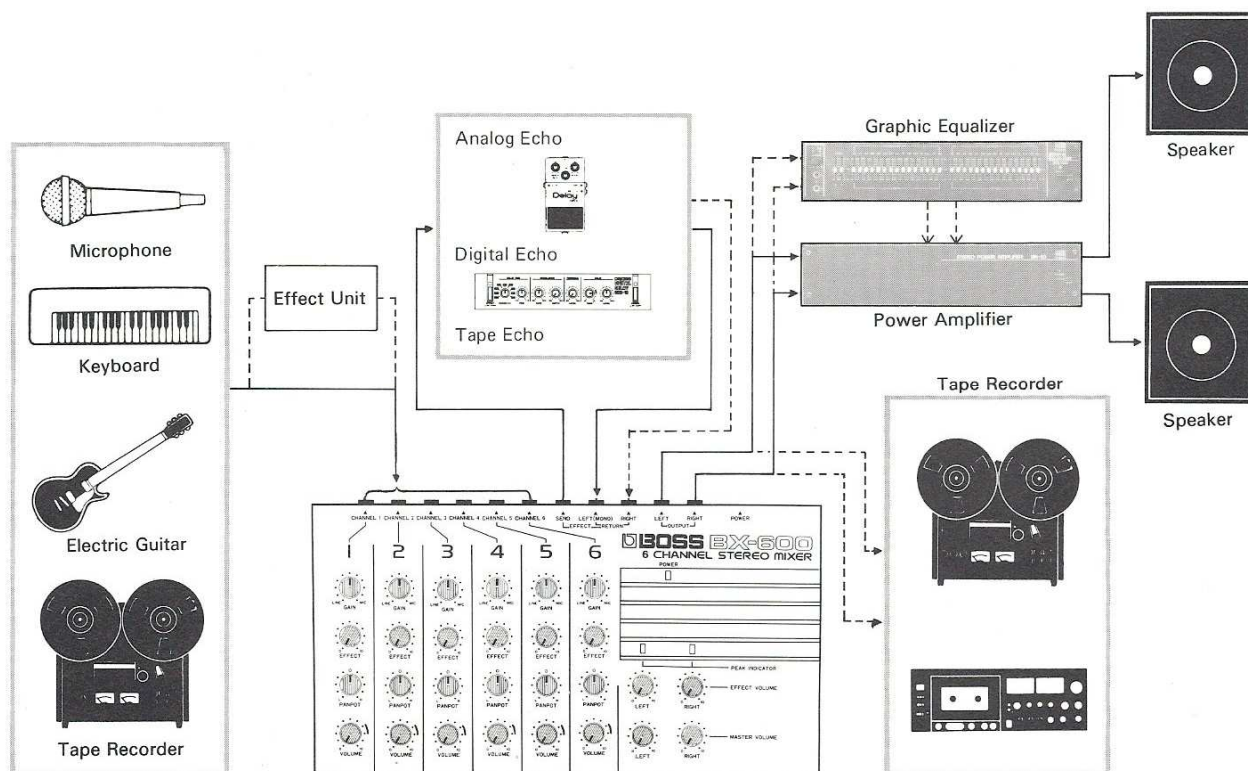
These are two independent controls which control the signals of the left and right channels, thus acting as a overall volume controls for the BX-600. Rotating clockwise (↻) increases the volume.

Important Notes

- The BX-600 may become warm during operation, but this is quite normal under by AC powered operation, so there is nothing to worry about it.
- If the BX-600 is not in use, turn it off.

- Please avoid using the BX-600 in extreme heat or humidity or where it may be affected by dust.

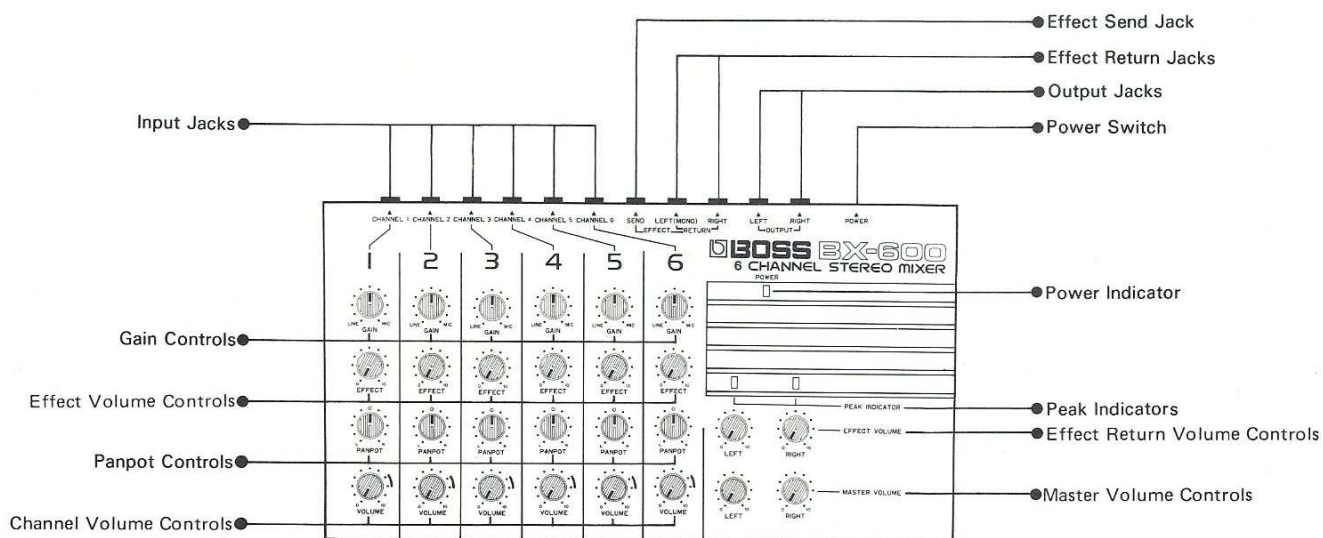
■ CONNECTIONS



■ OPERATION

<p>1. After all the connections are made, set all the Gain Controls to the LINE positions and the Channel Volume and the Master Volume Controls to zero.</p>	<p>6. Set the Panpot Control to an appropriate level.</p> <div style="display: flex; justify-content: space-around;"> </div> <p>△If you wish to hear sound only from the Left Channel, set the Panpot Control to the L position.</p> <p>△If you wish to hear sound from the both Channels, set the Panpot to the center position.</p> <p>△If you wish to hear sound only from the Right Channel, set the Panpot to the R position.</p>	<p>When using effect units</p>
<p>2. Make sure that the BX-600 is turned off, then plug in the Power cord.</p>	<p>7. Set both the Left and Right Master Volume Controls to "5"</p> <div style="display: flex; justify-content: space-around;"> </div>	<p>10. Set each Effect Return Volume Controls to an appropriate position.</p> <div style="display: flex; justify-content: space-around;"> </div>
<p>3. Make sure that the Power Indicator lights up when the Power Switch is turned on.</p>	<p>8. Set each Channel Volume to an appropriate position. (Set the volume of the channel not in use to zero.)</p> <div style="display: flex; justify-content: space-around;"> </div>	<p>11. Set each Effect Volume Controls to an appropriate position.</p> <div style="display: flex; justify-content: space-around;"> </div>
<p>4. Turn the external devices (such as an amplifier) on.</p>	<p>9. If the Peak Indicator becomes brightly lit the sound is distorted, so you need to reduce the channel volumes or the Gains. Also, if the sound is distorted without the Peak Indicator lighting up, reduce the overall volume by using the Master Volume Controls.</p> <div style="display: flex; justify-content: space-around;"> </div>	<p>12. Repeat procedure 9.</p>
<p>5. Set the Gain Control to an appropriate level.</p> <div style="display: flex; justify-content: space-around;"> </div> <p>△Audio Equipment, Tape Recorder, etc.</p> <p>△INST=Electric Guitar, Electronic Keyboard, etc.</p> <p>△MIC=Microphone</p>		

■ PANEL ILLUSTRATION



■ SPECIFICATIONS

BX-600 Instructions Apr. '86 C-3

Input Sensitivity:	-51dBm
Input Impedance:	1.5k Ω - 200k Ω
Output Level:	Rated: +4dBm (1.2Vrms) Max: +21dBm (9Vrms)
Output Load Impedance:	10k Ω or more
Effect Send:	
Output Level:	Rated: +4dBm Max: +21dBm
Output Load Impedance:	10k Ω or more
Effect Return:	
Input Sensitivity:	-30dBm
Input Impedance:	47k Ω - 300k Ω
Equivalent Input Noise:	-113dBm (when microphone is in use) IHF-A
Frequency Response:	10Hz to 35KHz (at minimum gain)
Crosstalk:	75dB or more (between the channels) 55dB or more (between left and right)
Controls:	Gain Controls \times 6 Effect Volume Controls \times 6 Panpot Controls \times 6 Channel Volumes \times 6 Return Volume Controls: Left \times 1, Right \times 1 Master Volume Controls: Left \times 1, Right \times 1 Power Switch \times 1
Jacks:	Input \times 6 Effect Send \times 1 Effect Return: Left \times 1, Right \times 1 Output: Left \times 1, Right \times 1
Indicators:	Peak: Left \times 1, Right \times 1 Power \times 1
AC Power:	117V, 220V, 240V AC 50/60Hz
Power Consumption:	4W
Dimensions:	280(W) \times 60(H) \times 155(D)mm/ 11(W) \times 2 $\frac{3}{8}$ (H) \times 6 $\frac{1}{8}$ (D) in.
Weight:	1.2kg/2 lb. 6 oz.

*Specifications are subject to change without notice.

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