 **BOSS**

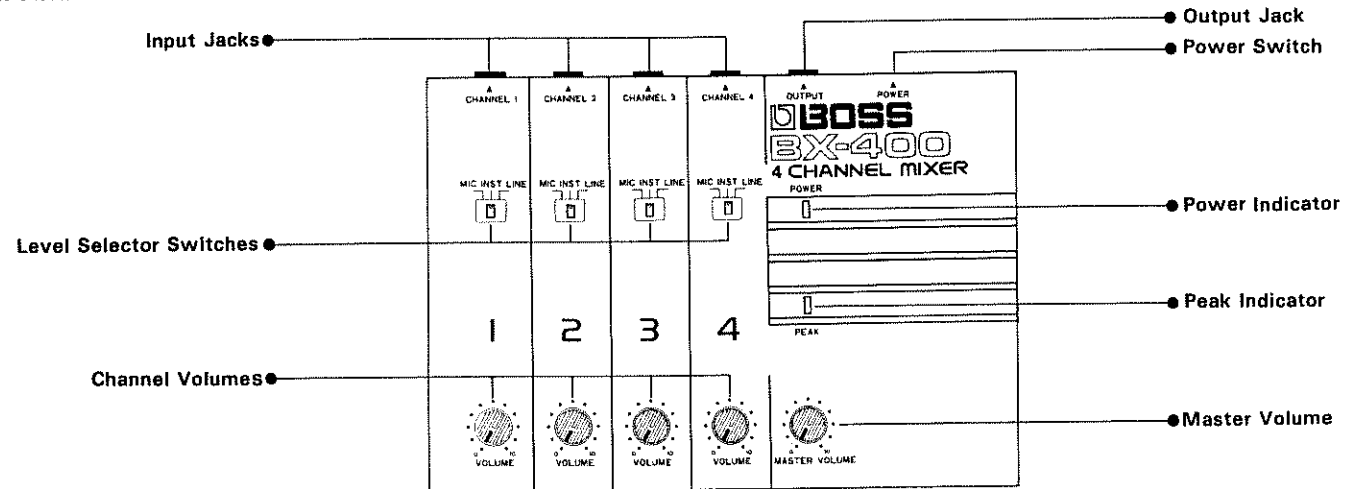
**BX-400**  
**4 CHANNEL MIXER**

**INSTRUCTIONS**

•Please read the instructions carefully.



## ■ PANEL ILLUSTRATION



## ■ PANEL DESCRIPTION

### ● Input Jacks

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

### ● Output Jack

This is to connect to an amplifier, recording equipment, etc.

### ● Power Indicator

When the BX-400 is turned on, this indicator lights up.

### ● Power Switch

### ● Level Selector Switches

Three positions are optional depending on the output level of the devices connected to the BX-400: MIC (-50dB), INST (-35dB) and LINE (-20dB).

### ● Peak Indicator

This goes on when the mixed signal reaches its maximum level.

### ● Channel Volume Controls

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

### ● Master Volume Control

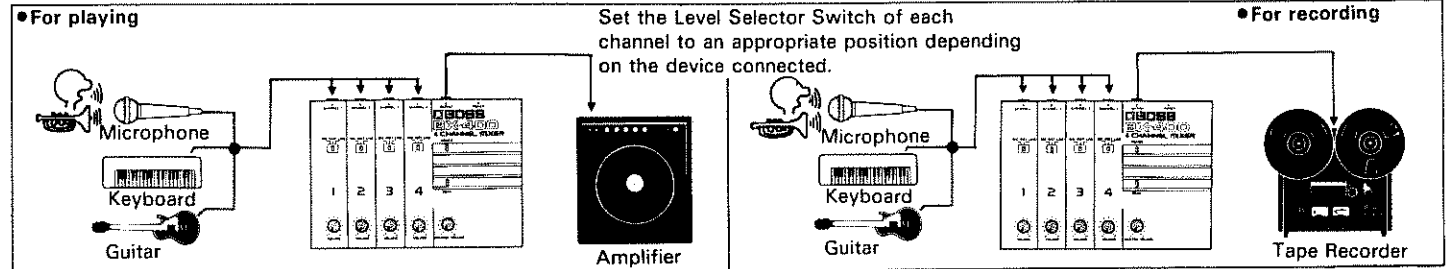
This knob is to control the overall volume of the mixed signals. Rotating it clockwise increases the volume.

### Important Notes

- The BX-400 may become warm during operation, but this is quite a normal situation caused by AC powered operation, so there is nothing to worry about it.

- If the BX-400 is not in use, turn it off.
- Please avoid using the BX-400 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 channel volumes and the Master Volume to zero.</p>	<p>5. Set the Level Selector Switch of each channel to an appropriate position depending on the output level of the device connected.</p>	<p>7. Set each Channel Volume to an appropriate level. (Set the volume of the channel not in use to zero.)</p>
	<p>2. Make sure that the BX-400 is turned off, then plug in the Power cord.</p>	<p>MIC=Microphone    INST=Electric Guitar, Electronic Keyboard, etc.    LINE=Electronic Keyboard, Tape Recorder, etc.</p>	<p>8. If the Peak Indicator lights bright, the sound is distorted, so you need to reduce the channel volumes. Also, if the sound is distorted without the Peak Indicator lighting up, reduce the overall volume by using the Master Volume.</p>
	<p>3. Make sure that the Power Indicator lights up when the Power Switch is turned on.</p>	<p>6. Set the Master Volume to "5"</p>	<p>&lt; Note &gt; The input impedance varies depending on the device connected, so you may need to set the Level Selector Switch to the different position from the example shown above in order to obtain the best result.</p>
<p>4. Turn the external devices (such as an amplifier) on.</p>			

■ SPECIFICATIONS

<b>Input Level/Input Impedance:</b>	-50dB/1.8k $\Omega$ (MIC) -35dB/15k $\Omega$ (INST) -20dB/68k $\Omega$ (LINE)
<b>Output Level:</b>	Rated: +4dBm Max: +21dBm (9Vrms)
<b>Output Load Impedance:</b>	10k $\Omega$ or more
<b>Input Equivalent Noise:</b>	-115dB (when microphone is in use) JIS-A
<b>Frequency Characteristic:</b>	10Hz to 42kHz (when LINE is in use)
<b>Crosstalk:</b>	80dB or more (between the channels)
<b>Controls:</b>	Level Selectors $\times$ 4 Channel Volumes $\times$ 4 Master Volume $\times$ 1 Power Switch $\times$ 1
<b>Jacks:</b>	Input $\times$ 4 Output $\times$ 1
<b>Indicators:</b>	Peak $\times$ 1 Power $\times$ 1
<b>AC Power:</b>	117V, 220V, 240V AC 50/60Hz
<b>Consumption:</b>	3W
<b>Dimensions:</b>	190(W) $\times$ 55(H) $\times$ 135(D)mm/ 7½(W) $\times$ 2¾(H) $\times$ 5⅝ in.
<b>Weight:</b>	800g/1 lb. 12 oz.

\*Specifications are subject to change without notice.

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