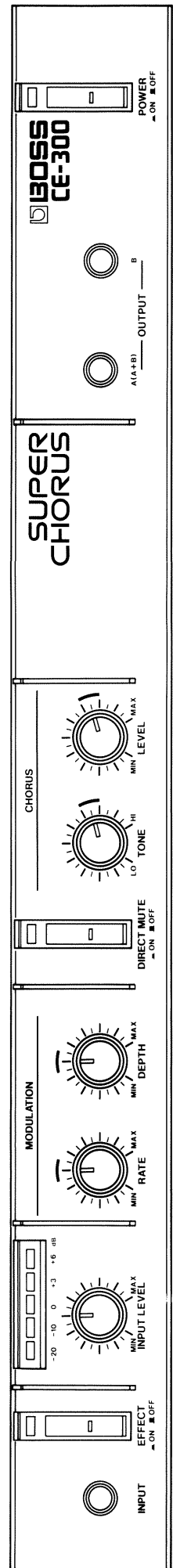




SUPER CHORUS CE-300

OWNER'S MANUAL



RADIO AND TELEVISION INTERFERENCE

Warning — This equipment has been verified to comply with the limits for a Class B computing device, pursuant to Subpart J, of Part 15, of FCC rules. Operation with non-certified or non-verified equipment is likely to result in interference to radio and TV reception.”

The equipment described in this manual generates and uses radio-frequency energy. If it is not installed and used properly, that is, in strict accordance with our instructions, it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J, of Part 15, of FCC Rules. These rules are designed to provide reasonable protection against such a interference in a residential installation.

However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by the following measure:

- Disconnect other devices and their input/output cables one at a time. If the interference stops, it is caused by either the other device or its I/O cable.

These devices usually require Roland designated shielded I/O cables. For Roland devices, you can obtain the proper shielded cable from your dealer. For non Roland devices, contact the manufacturer or dealer for assistance.

If your equipment does cause interference to radio or television reception, you can try to correct the interference by using one or more of the following measures:

- Turn the TV or radio antenna until the interference stops.
- Move the equipment to one side or the other of the TV or radio.
- Move the equipment farther away from the TV or radio.
- Plug the equipment into an outlet that is on a different circuit than the TV or radio. (That is, make certain the equipment and the radio or television set are on circuits controlled by different circuit breakers or fuses.)
- Consider installing a rooftop television antenna with coaxial cable lead-in between the antenna and TV.

If necessary, you should consult your dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet prepared by the Federal Communications Commission:

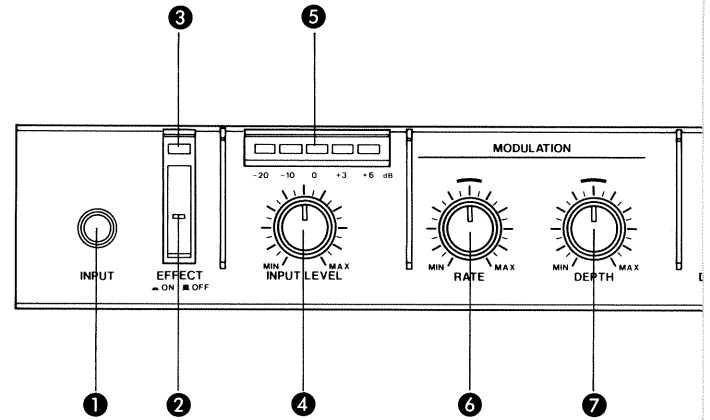
“How to Identify and Resolve Radio-TV Interference Problems”

This booklet is available from the U.S. Government Printing Office, Washington, D. C., 20402, Stock No.004-000-00345-4.

Important Notes

- Please make sure that the line voltage meets the rated voltage on the nameplate.
- This unit might get hot while operating, but there is no need to worry about.
- Do not open the cover, or you may get an electric shock.
- If the unit is not to be used for a long period of time, disconnect the power cord from the socket.
- Operating the unit near a neon or fluorescent lamp may cause noise interference. If so, change the angle or position of the unit.
- Avoid using the unit in excessive heat or humidity or where it may be affected by direct sunlight or dust.
- Use a soft cloth and clean only with a mild detergent.
- Do not use solvents such as paint thinner.

PANEL DESCRIPTION



Front Panel

1 Input Jack

This jack receives signal sent from a musical instrument, or from a mixer.

2 Effect Switch

This switch turns on or off the chorus effect. Pressing the switch will turn the effect on, and pressing it again turns it off.

3 Effect Indicator

This lights up when the chorus effect is on.

4 Input Level Control

This adjusts the level of the signal fed into the CE-300.

5 Input Level Indicators

The current input level set with the Input Level Control can be seen with these indicators.

- Just after the CE-300 is turned on, the indicators may light up for a few seconds without any input signal, but there is nothing to worry about.

6 Modulation Rate Control

This knob determines the frequency of the LFO, therefore changes the rate of the chorus effect. Rotating this clockwise quicken the rate.

7 Modulation Depth Control

This knob determines the depth of the LFO modulation. Rotating the knob clockwise deepens the chorus effect.

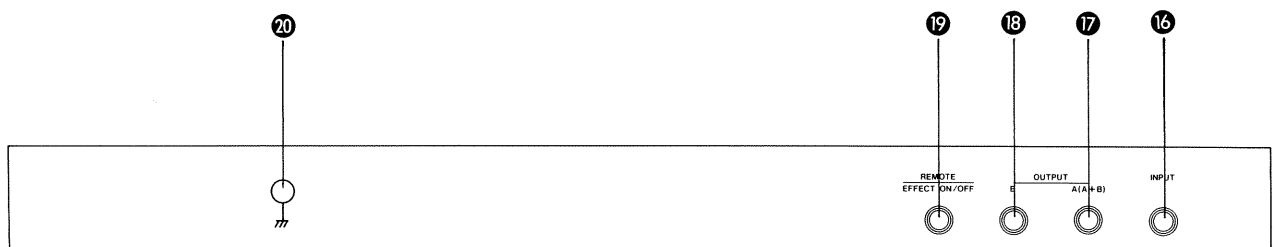
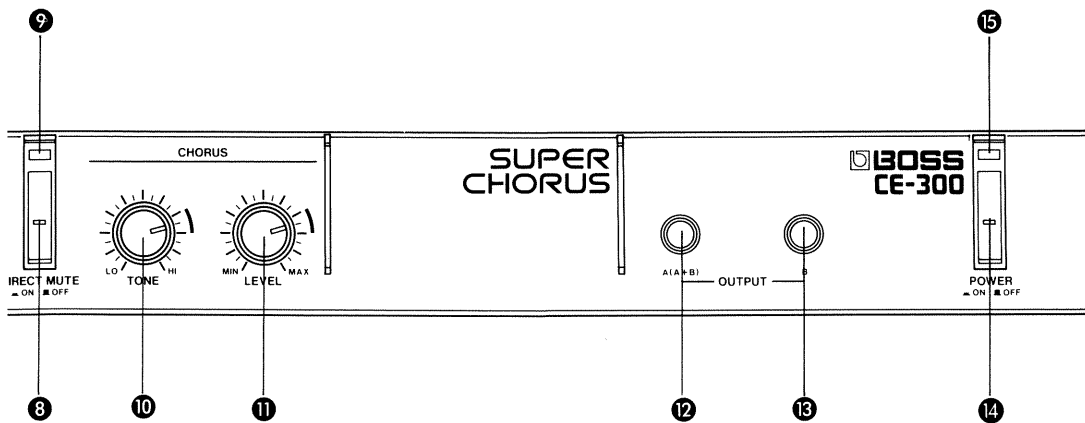
8 Direct Mute Switch

This switch can mute the direct signal, therefore should be turned on when you want only delay signal output, such as when the CE-300 is set up between the Send and the Return of a mixer.

- If the Effect Switch is turned off, and the Direct Mute Switch on, there is no sound output.

9 Direct Mute Indicator

This light up when the Direct Mute Switch is turned on.



10 Chorus Tone Control

This controls the tone color of high frequency range. Rotating it clockwise will make sharper chorus effect.

- This control has no effect on the direct signal.

11 Chorus Level Control

This adjusts the level of the chorus sound.

- This control has no effect on the direct signal. At its fully counterclockwise position, only direct sound is obtained.

12 Output Jack A (A + B)

This is to send out the signal with chorus effect.

- For monaural output, use this jack.

13 Output Jack B

This is to send out the signal with chorus effect inverting LFO modulation.

14 Power Switch

15 Power Indicator

Rear Panel

16 Input Jack

This jack receives signal sent from a musical instrument (electronic, electric), or from a mixer.

17 Output Jack A (A + B)

This is to send out the signal with chorus effect.

- For monaural output, use this jack.

18 Output Jack B

This is to send out the signal with chorus effect created by inverting LFO modulation.

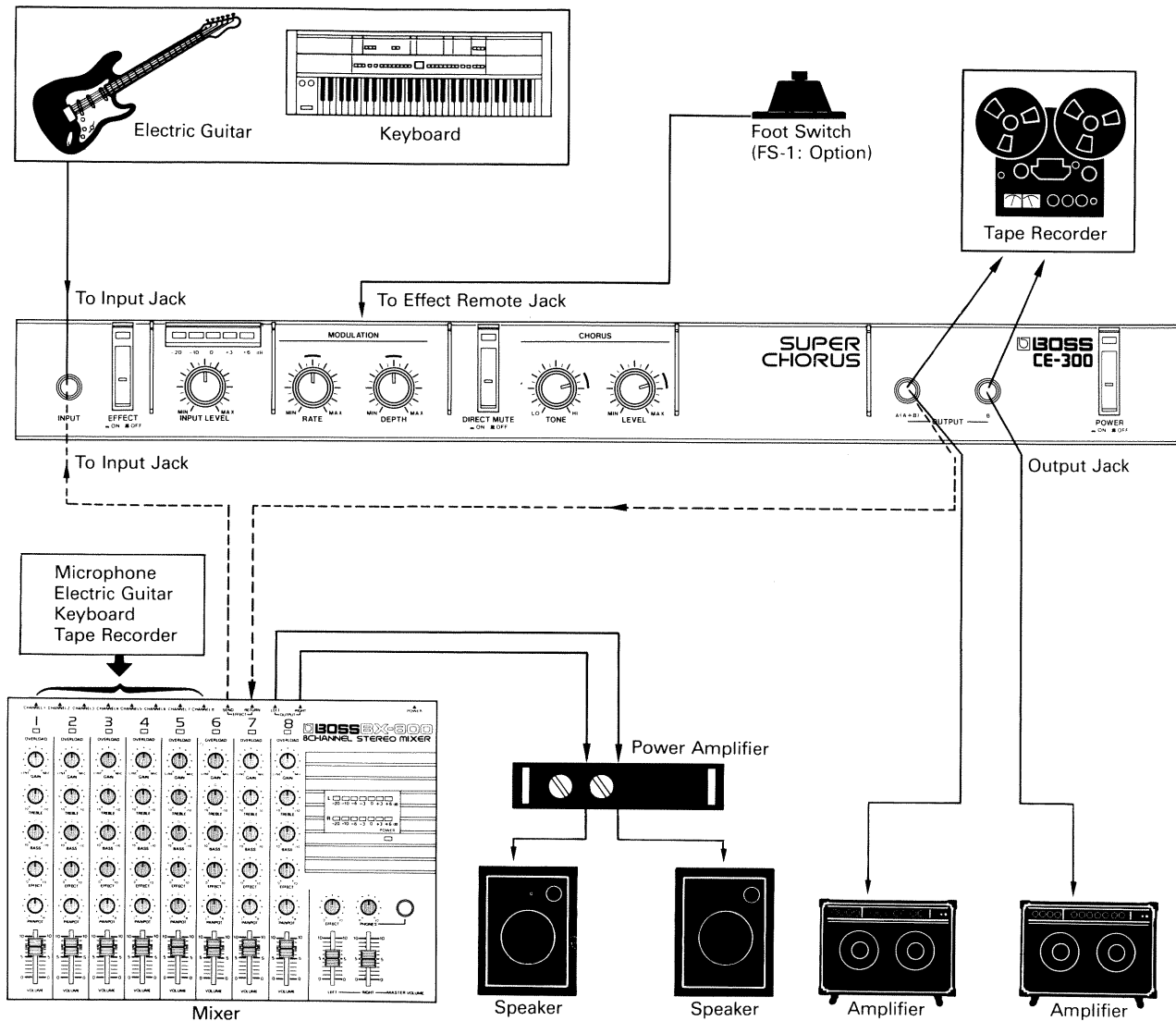
19 Effect Remote Jack

Connect the Footswitch FS-1 to this jack, and you can turn the effect on or off with pedal operation.

- When the Effect Switch is turned off, the above remote control does not work.

20 Ground Terminal

CONNECTION & OPERATION



① Turn the Effect Switch on.

② Connect the output of a musical instrument or the Echo (Effect) Send to the Input Jack.

- The CE-300 has the rated input level of -20dBm , therefore a microphone cannot be directly connected to the Input Jack. (Use the Mixer BX-400.)

- If both Input Jacks on the front and rear panels are used at a time, the one on the front panel has priority.

③ To obtain natural and rich chorus effect, you may connect the both Output A and B to the amplifiers' inputs. For monaural output, however, use the Output Jack A(A+B).

- The both Outputs on the front and rear panels can be in use at a time.

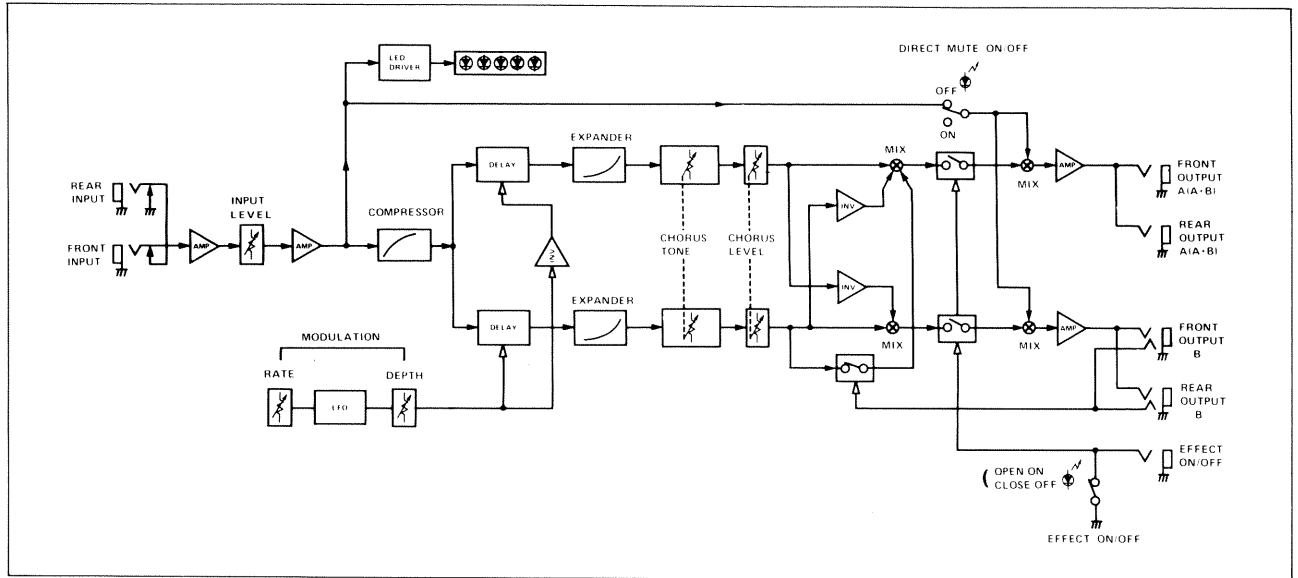
④ Rotate the Input Level Control until desirable volume is obtained.

- The appropriate position is where the Input Level Indicators up to $+6\text{dB}$ light up.

- If the signal exceeding the maximum input level (over $+12\text{dBm}$) of the CE-300 has been fed, the created sound may still be distorted even if input level is set to low.

⑤ Set the Modulation Rate, and Modulation Depth Controls to around the blue markings. Then while actually listening the sound, set them to your taste.

BLOCK DIAGRAM



SPECIFICATIONS

SUPER CHORUS CE-300

Input Level (Rated)	-20dBm
Input Level (Maximum)	+12dBm
Input Impedance	1M Ω
Output Level (Rated)	-20dBm
Output Level (Maximum)	+12dBm
Output Load Impedance	More than 10k Ω
Gain0dB
	(0dBm = 0.775 V R.M.S.)
Controls	Input Level, Modulation Rate, Modulation Depth, Chorus Tone, Chorus Level
Switches	Effect, Direct Mute, Power
Indicators	Effect, Input Level, Direct Mute, Power
Jacks	Input \times 2
	Output A(A+B) \times 2
	Output B \times 2
	Effect Remote (ON/OFF) \times 1
Power117/220/240V AC 50/60Hz
Power Consumption5W
Dimensions482(W) \times .47(H) \times .246(D) mm
	1.9"(W) \times 1.7/8"(H) \times 9.1/16"(D)
Weight3.1kg/6lb 14oz

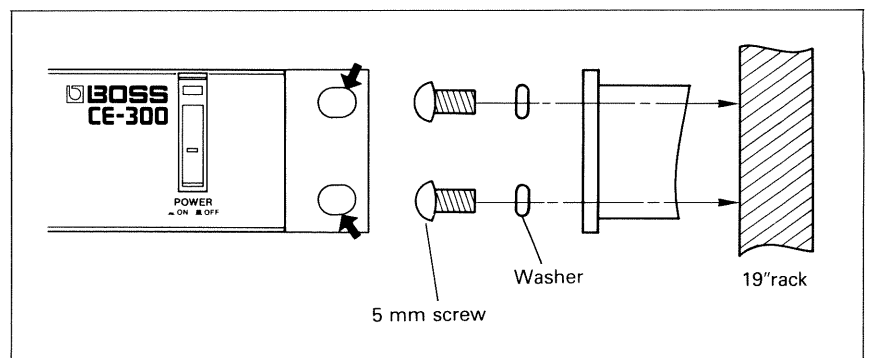
OPTIONS

Foot Switch FS-1

*Specifications are subject to change without notice.

How to mount the CE-300

The CE-300 can be mounted in a standard 19" rack with 5mm screws as shown on the right.



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