 **BOSS**®

BF-1

Flanger

INSTRUCTIONS

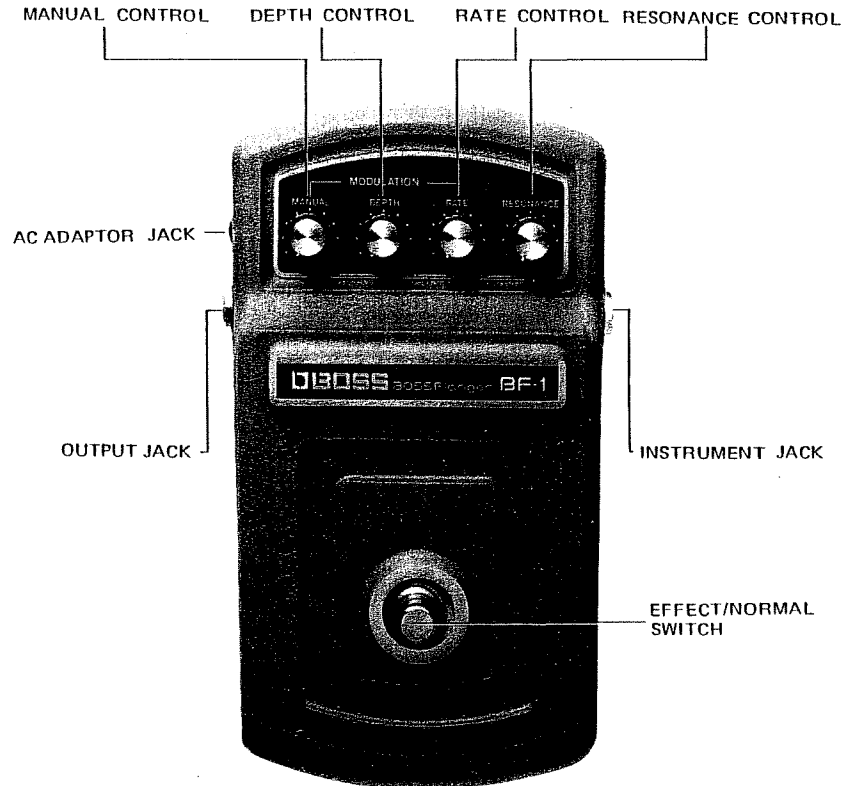
• Please read these instructions carefully for proper operating procedures for the BOSS BF-1.



AC POWERED

BF-1 produces a variety of flanging effects, incorporating controls like: Manual, Depth, Rate and Resonance. A unique effect unit that can be connected to keyboard as

NAME AND FUNCTIONS



well as guitar and also it is efficiently applied for tape-dubbing. By use of AC power, BF-1 guarantees your performance at stable tone for hours.

MANUAL CONTROL
 This knob controls the delay time of sound. The time becomes shorter when turned clockwise (↻) and longer when turned counterclockwise (↺). The time can be varied between 0.5mS and 16mS. At full clockwise position . . . 0.5mS
 At Center 3mS
 At full counterclockwise position 16mS

DEPTH CONTROL
 This knob controls the sweep range with the delay time set with Manual Control as the center. The sweep range becomes wider when turned clockwise (↻) and narrower, counterclockwise (↺).
 * At full clockwise (↻) position, the Manual Control does not operate.

INSTRUMENT JACK
 This input jack receives output from guitar, synthesizer, electronic piano and others.

OUTPUT JACK
 This jack feeds effected output to amplifier, mixer, etc.

AC ADAPTOR JACK (DC-9V)
 Connect BOSS AC adaptor to this jack to supply power.

RESONANCE CONTROL
 This knob controls resonance. It becomes intensified when turned clockwise (↻), and reduced, counterclockwise (↺). The sound unique to flanger becomes more emphasized the more this knob is turned clockwise (↻). A limited frequency range is emphasized to create specific sound spectrum.

RATE CONTROL
 This knob controls the sweep rate. When turned clockwise (↻), it becomes faster, counterclockwise (↺), slower.
 At full clockwise position . . . 100mS
 At full counterclockwise position 20S

EFFECT/NORMAL SWITCH
 Simply treading this switch, changeover between Effect and Normal is accomplished. To change from normal sound to effect sound, tread the switch once. To turn back to normal sound, tread the switch again.

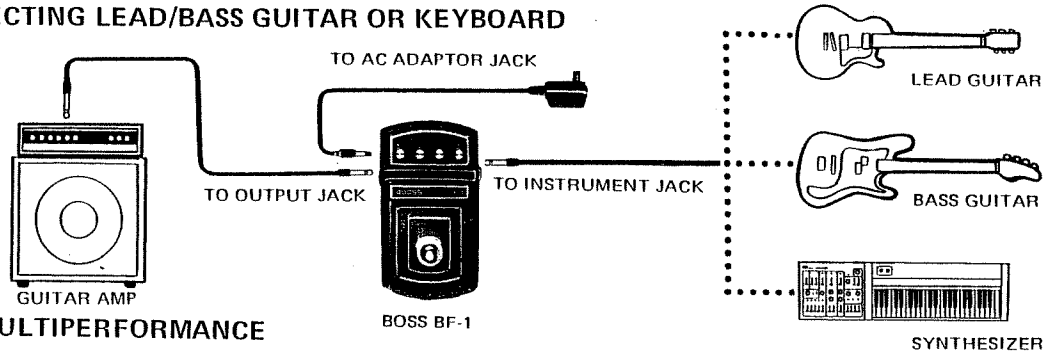
BEFORE USING BF-1

- Avoid using BF-1 in very dusty location, or under high temperature or humidity conditions.

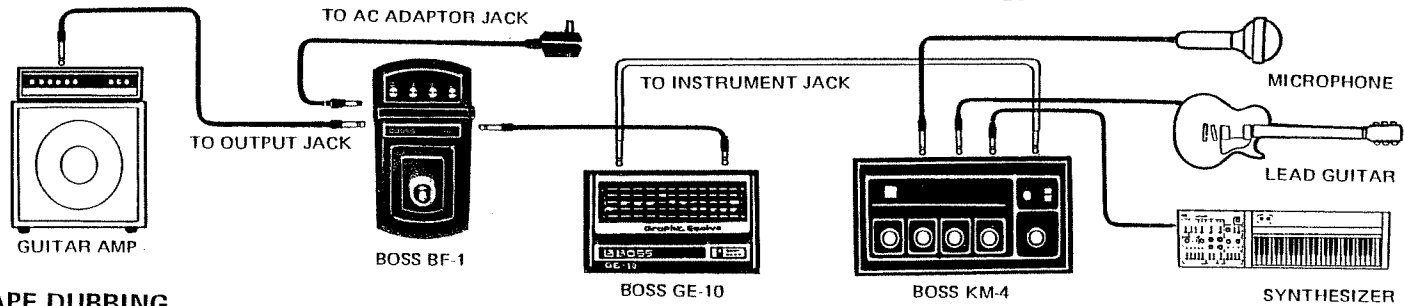
- Use exclusive BOSS AC Adaptor for BF-1.
- When not in use, pull off AC Adaptor from the outlet.

CONNECTING BF-1

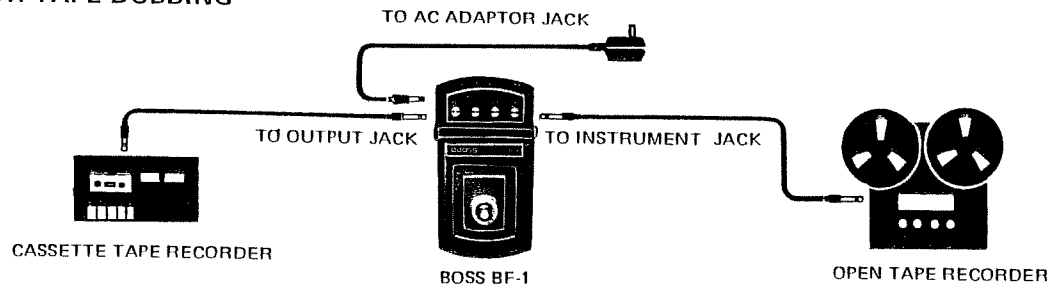
• CONNECTING LEAD/BASS GUITAR OR KEYBOARD



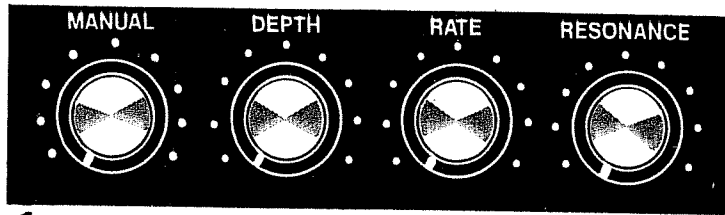
• FOR MULTIPERFORMANCE



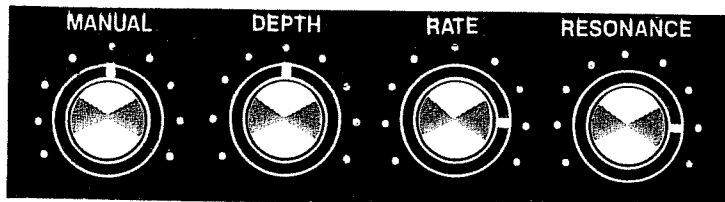
• FOR TAPE DUBBING



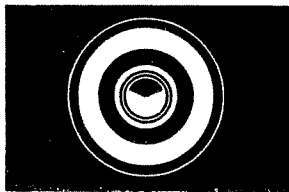
OPERATING BF-1



1 After connecting all cords required, set all knobs on the panel as illustrated. Now, BF-1 is ready to produce sound. Connect AC Adaptor cord to BF-1 and AC plug into outlet.



2 Set knobs to required position to suit the sound you like. (See Examples of Tone Setting.)



3 Set Effect/Normal Switch to proper position to meet the purpose.

SPECIFICATIONS

Power	BOSS AC Adaptor
Input impedance	220K Ω
Output impedance	More than 600 Ω
Frequency response	20Hz ~ 20KHz
Delay time	0.5mS ~ 16mS
Sweep oscillator rate	100mS ~ 20S
Gain	UNITY 1
S/N ratio	Better than 80dB
Dimensions	115(W) x 65(H) x 205(D)mm
Weight	650g

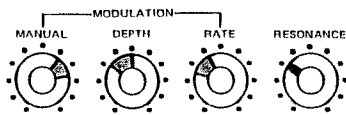
*Specifications are subject to change without notice.

EXAMPLES OF TONE SETTING (LEAD GUITAR)

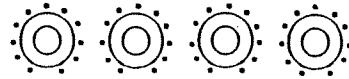
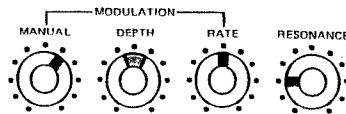
Create your own unique sound in the light of the examples illustrated below.

The blank panel drawings may serve you as your memo of best setting.

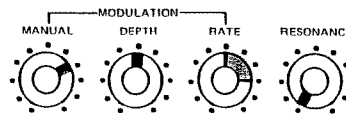
• PHASE SOUND



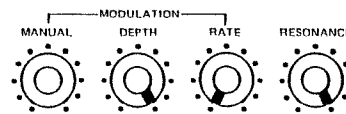
• CHORUS SOUND



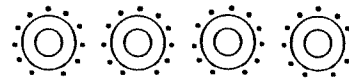
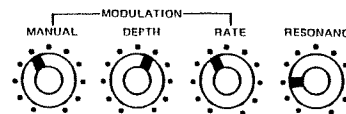
• VIBRATO SOUND



• STRONG FLANGING SOUND



• FUNKY SOUND



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