


SPECIFICATIONS

Power	Battery 9V (1) AC Adaptor
Current draw	3.9mA at 9V
Control	Sens, Decay
Others	Normal/Effect Changeover Switch, Battery Check Lamp (also for confirmation of Normal/Effect changeover)
Jack	Input, Output, AC Adaptor
Max. output voltage	+9dBm (GAIN ... UNITY)
Input impedance	470k Ω
Output load impedance	10k Ω or more
Dimensions	70(W) x 55(H) x 125(D) mm 2- $\frac{3}{4}$ "(W) x 2- $\frac{1}{4}$ "(H) x 5"(D)
Weight	400g (14 oz)

* Specifications are subject to change without notice.

 **BOSS**
Products of Roland

Printed in Japan, Jul. '82 C-3

 **BOSS**

NF-1
Noise Gate

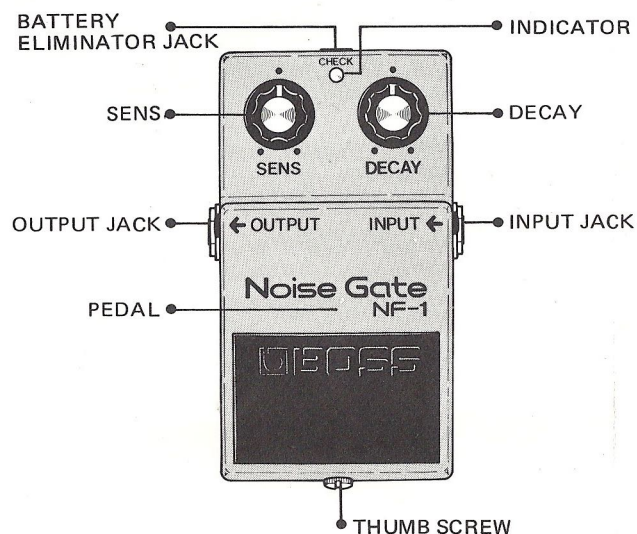
INSTRUCTIONS



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

The NF-1 is a new effector designed to cancel noise and hum from instruments. By adjusting decay time, unpleasant "break offs" can be entirely eliminated when playing. And since decay time is variable from 100ms to 1.6s, it can be used with virtually any instrument, from guitars to keyboards, for more versatility during recording. An LED lights to tell you at a glance when effect is on.

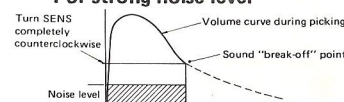
NAME AND FUNCTIONS



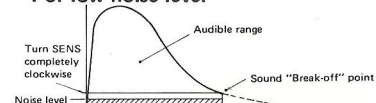
SENS

The SENS (sensitivity) control can be set to compensate for strong and weak noise levels. If instrument noise is loud, turn it counterclockwise. If noise is low, turn it clockwise. (Illustration shows pickup for a guitar with DECAY set to MIN.)

For strong noise level

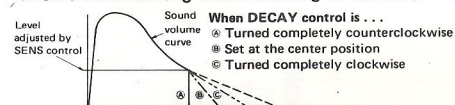


For low noise level



DECAY

This control is used to adjust damping of the sound when the signal level becomes lower than the SENS setting. (Illustration shows functioning when setting is varied.)



INPUT JACK

Connect the plug to this INPUT jack to turn the NF-1 on. Keep the plug off while the NF-1 is not in use.

OUTPUT JACK

The NF-1 generates low noise and hum as a result of its low impedance output to the amplifiers.

BATTERY ELIMINATOR JACK

Connect the BOSS AC Adaptor to this jack.

INDICATOR

By the LED indicator you can see whether the unit is on or off, and also check the battery.

* Replace with a new battery if the indicator becomes dimmer or fails to light.

PEDAL SWITCH

Due to the unique FET switching system, the NF-1 does not make a click or a pop noise.

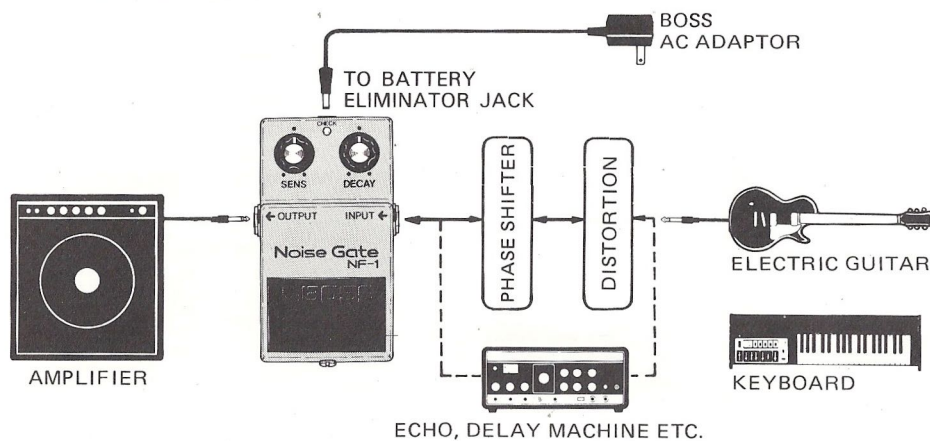
THUMB SCREW

Do not remove the screw from the unit when replacing the battery.

BEFORE USING NF-1

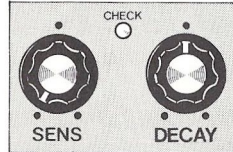



- When operating NF-1 from AC line, use BOSS AC Adaptor for NF-1.
- Avoid using NF-1 at very dusty location or under high temperature or humidity conditions.

CONNECTING NF-1

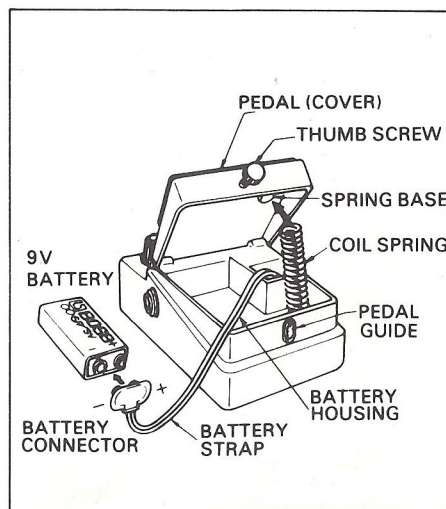


Remember to disconnect the plug from the INPUT jack when the NF-1 is not to be used.

OPERATING NF-1

-  After connecting all cords required, set all knobs on the panel as illustrated.
-  Depress the pedal switch. Check lamp lights to indicate "EFFECT ON" and extinguishes to indicate "EFFECT OFF".
* This check lamp is also used to check battery. If lamp fails to light or becomes dim, the battery should be replaced.
-  Adjust SENS control to a proper level.
-  Adjust DECAY control according to a long or short decay as desired.

CAUTIONS FOR REPLACING AND HANDLING BATTERY



REPLACING BATTERY USE ONE 9-VOLT BATTERY.

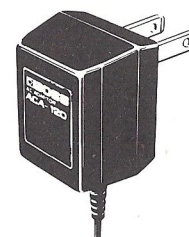
- ① Loosen the screw of pedal to open it and take out battery from its housing.
 - ② Replace the battery by a fresh one and put it into position.
 - ③ Set coil spring onto the projection on the rear of the pedal and shut the cover (pedal). Finally, insert the screw into the pedal guide and tighten it.
- At this time, be careful not to catch the battery strap in the cover or coil spring.

CAUTIONS

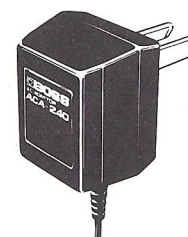
- When you don't use for a long period, remove the battery to prevent current leakage and leaking out of sticky substance.
- If battery voltage drops, effect becomes inferior or no sound is produced. To prevent this, replace the battery a little earlier.
- Be sure to keep the battery snapped by connector into the housing, when using AC adaptor, too.
- * Even if AC Adaptor cord comes out during performance, operation immediately changes to battery, causing no trouble in continued performance.
- Power is switched on while a plug is put into input jack. When you do not use, keep the plug off the jack.

AC ADAPTOR (OPTION)

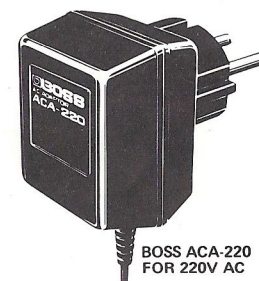
When you operate NF-1 from AC line, use AC Adaptor for NF-1.



BOSS ACA-120
FOR 117V AC



BOSS ACA-240
FOR 240V AC



BOSS ACA-220
FOR 220V AC