KORG®

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KORG EFFECTS SERIES TNB-1
TONE BOOSTER
OWNER'S MANUAL

Thank you for purchasing a Korg Effects Series product. Please read the following instructions on proper use to maintain maximum performance for many years.

FEATURES OF THE TNB-1

The TNB-1 Tone Booster is used as a tone controller for guitars and keyboards, as a pre-amplifier for the pickup of acoustic instruments, and as a distortion effect (by setting GAIN higher).

BEFORE USING THE EFFECTS

1. For extended battery life, disconnect the instrument's plug from the input jack when the effect is not being used.
2. A dim indicator light during effect operation indicates battery depletion. Replace the battery.
3. For an external power supply, be sure to use Korg's AC adapter (9V, 100mA, polarity +●−.)

CHART OF SETTINGS

EX.1
The setting for a heavy boosting effect. Raise the GAIN setting and adjust the BASS and TREBLE controls for your favorite sound. Set the OUT LEVEL to the same level of the original and effect sound, while listening to the both levels by turning the pedal switch on and off.

SPECIFICATIONS

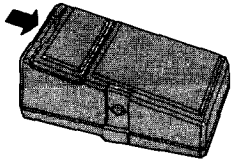
- **Input impedance:** 1MΩ
- **Output impedance:** 10kΩ
- **Maximum input level:** +6dBm (GAIN MIN, at 250Hz)
- **Maximum output level:** +6dBm (GAIN MIN, at 250Hz)
- **GAIN CONTROL:** 41dB
- **TONE CONTROL:** TREBLE +5/−7dB at 2kHz
  BASS +5/−8dB at 100Hz
- **Frequency response [EFFECT OFF]:** 20Hz ~ 20kHz +0/−1.5dB
- **Noise level:** −103dBm (GAIN MAX, BASS 5, TREBLE 5, input short-circuited, IHF-A)
- **Operating voltage:** 10V ~ 7.5V
- **Power consumption:** 5mA
- **Pedal switch life:** Over 10,000 times of switching
- **Functions:** GAIN, TREBLE, BASS, OUT LEVEL, EFFECT ON/OFF LED, FOOT SW, INPUT, OUTPUT
- **Power supply:** 006P 9V battery/DC jack
- **Dimensions:** 70(W) × 68(H) × 129(D) mm
- **Weight:** 460 g (including battery)

(All values are typical.)

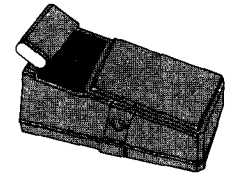
BATTERY REPLACEMENT

- **If the indicator light dims, indicating battery depletion, replace the battery according to the following procedures as soon as possible.**

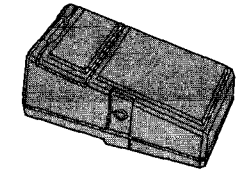
❶ Press the battery compartment cover, at the bottom of the effect body, in direction indicated by the arrow, and remove it.



❷ Replace the depleted battery with a new one (006P 9V).

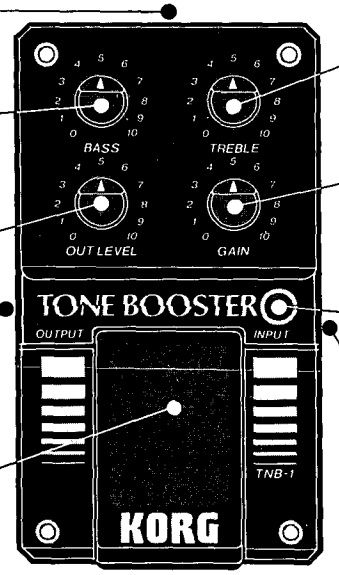


❸ Reset the removed cover back.



Caution:
★ If a depleted battery is left or if the effect is not used for a long period, possible chemical leakage may cause effect malfunction. Therefore, replace the depleted battery as soon as possible.

NAMES AND FUNCTIONS OF CONTROLS AND JACKS



1. AC ADAPTER JACK

Connecter for AC adapter.

2. BASS

Control knob for boosting the sound in the frequency range below 100Hz. Turning toward "10" increases the boosting amount.

3. OUT LEVEL

Volume control knob for effect sound. Set this control for an effect sound level identical to the original sound level. Check both levels by turning the pedal switch on and off.

4. OUTPUT JACK

Output terminal connected to an amplifier or the like.

5. PEDAL SWITCH

Switch to turn the effect function on/off.

6. TREBLE

Control knob for the boosting of the sound in the frequency range above 2kHz. Turning toward "10" increases the boosting amount.

7. GAIN

Control knob for amplification. Turning toward "10" increases amplification and enables the TNB-1 to generate distortion effect.

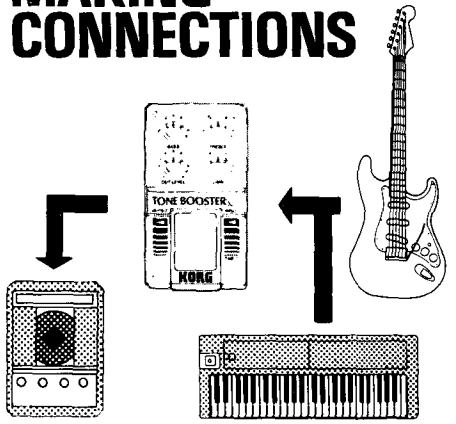
8. INDICATOR

Lights when the effect function is activated. A dim indicator light during effect operation indicates battery depletion. Replace the battery.

9. INPUT JACK

Connecter for an electric guitar oir electronic instrument. Plugging in an instrument automatically switches on effect power.

MAKING CONNECTIONS



❶ For external power supply, be sure to use Korg's AC adapter (9V, 100mA, polarity ⊕◉⊖).

❷ When the effect is not being used, disconnect the instrument's plug from the input jack to save battery power.