KORG®

KEIO ELECTRONIC LABORATORY CORPORATION
15-12, Shimotakaido 1-chome, Suginami-ku, Tokyo Japan

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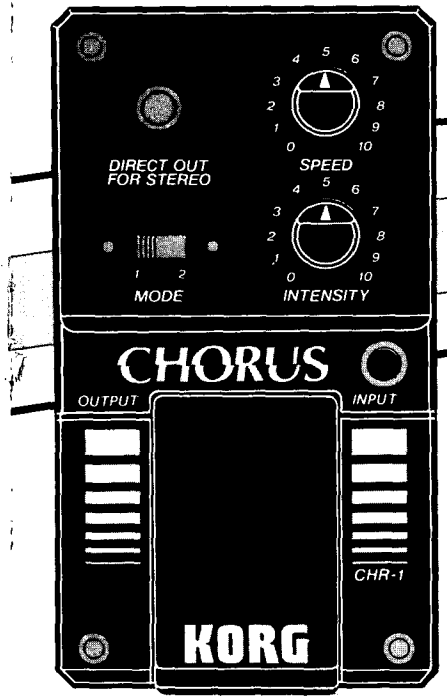


KORG EFFECTS SERIES CHR-1
CHORUS
OWNER'S MANUAL

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 CHR-1

The CHR-1 Chorus generates a wide chorus effect by mixing original sounds with sounds at pitches cyclically-changed from the original sounds. The MODE switch is set to "1" for an ordinary chorus effect or set to "2" for a chorus effect with feedback.

BEFORE USING THE EFFECTS

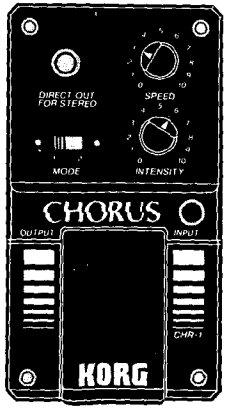
1. For extended battery life, disconnect the instrument's plug from the input jack when the effect is not being used.
2. A dim indicator light during effect operation indicates battery depletion. Replace the battery.
3. For external power supply, be sure to use Korg's AC adapter (9V, 100mA, polarity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

N O T I C E

Korg products are manufactured under strict specifications and voltages required by each country. These products are warranted by the Korg distributor only in each country. Any Korg product not sold with a warranty card or carrying a serial number disqualifies the product sold from the manufacturer's/distributor's warranty and liability. This requirement is for your own protection and safety.

CHART OF SETTINGS

EX.1
The setting for ordinary chorus effect. If the MODE switch is set to "2," the CHR-1 will generate a chorus effect with feedback similar to the flanging effect.



SPECIFICATIONS

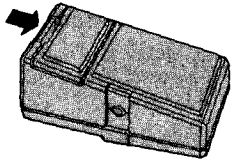
- **Input impedance:** 1MΩ
- **Output impedance:** 1kΩ (general), 1kΩ (DIRECT OUT FOR STEREO)
- **Maximum input level:** +3dBm (INTENSITY 0, MODE 1, at 250Hz)
- **Maximum output level:** +3dBm (INTENSITY 0, MODE 1, at 250Hz)
- **Delay time:** 2msec. ~ 5msec.
- **Frequency response [EFFECT OFF]:** 20Hz ~ 20kHz +0/ −1.5dB
- **Residual noise level:** −96dBm (INTENSITY 0, MODE 1, input short-circuited, IHF-A)
- **Operating voltage:** 10 ~ 7.5V
- **Power consumption:** 12.8mA
- **Pedal switch life:** Over 10,000 times of switching
- **Functions:** SPEED, INTENSITY, MODE SW, DIRECT OUT FOR STEREO, EFFECT ON/OFF LED, FOOT SW, INPUT, OUTPUT
- **Power supply:** 006P 9V battery/DC jack
- **Dimensions:** 70(W) × 68(H) × 129(D) mm
- **Weight:** 470 g (including battery)

(All values are typical.)

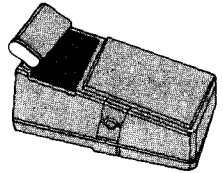
BATTERY REPLACEMENT

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

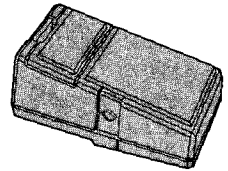
❶ Press the battery compartment cover, at the bottom of the effect body, in direction indicated by the arrow, and remove it.



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

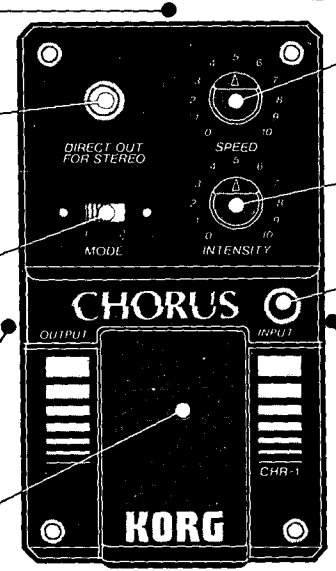


❸ Reset the removed cover back.



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. DIRECT OUT FOR STEREO

Output terminal for direct (or original) sound. When a stereophonic sound is required, connect this terminal to an amplifier or other effects.

3. MODE

Switch to add feedback to the effect sound. Set to "1" for an ordinary chorus effect with no feedback, or set to "2" for a chorus effect with feedback.

4. OUTPUT JACK

Output terminal connected to an amplifier or the like.

5. PEDAL SWITCH

Switch to turn the effect function on/off.

6. SPEED

Control knob for pitch-changing cycles. Turning toward "10" makes the pitch change in shorter cycle.

7. INTENSITY

Control knob for the degree of phasing effect.

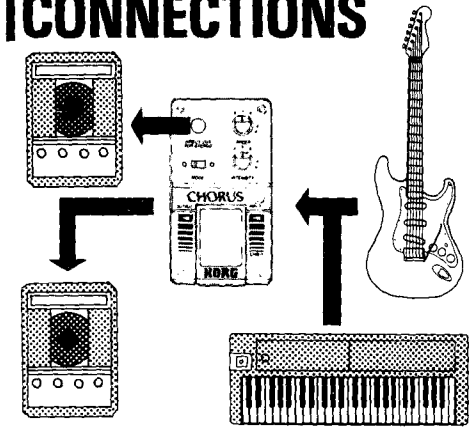
8. INDICATOR

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 or electronic instrument. Plugging in an instrument automatically switches on effect power.

MAKING CONNECTIONS



❶ For an 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.