

SYNTHESIZER
mini KORG-700S



**OWNER'S MANUAL
OPERATION
SPECIFICATIONS**

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MINI-KORG SYNTHESIZER OPERATING PROCEDURE

1. Connect AC line cord (found inside recessed compartment on rear of unit, figure 1) to local voltage 50/60Hz outlet.

2. Connect audio cable (shielded-type) from jack marked "Output", to input of your amplifier. Utilize jack marked "H" for high impedance use (100K Ω) or jack marked "Low" for low impedance (5K Ω) shown in figure 1.

4. Install enclosed Music Rack as shown in figure 2.

6. Follow the control descriptions listed below for a better understanding of the versatility of your new MINI-KORG SYNTHESIZER.

7. Unit is equipped with 2 rear adjustable legs for tilting.

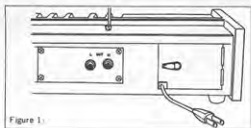


Figure 1.

3. Switch on/off control to "On" position. If pilot lamp fails to light, check fuse found in rear compartment, figure 1 and replace *With identical rating only.*



Figure 2.

5. Adjust pitch-control slide for tuning figure 10. To adjust Pitch, set Attack-Percussion slides (figure 5) to "8", and all "Instant Set Tabs" (figure 8) to OFF position.

Precautions:

- Be certain that power switch is turned OFF whenever plugging in or unplugging the AC connector cord.
- If fuse should need replacing, make sure that you replace with *identical* value.
- Protect the unit from excessive heat, humidity, dust and vibrations.

CONTROL DESCRIPTION:



VOLUME—For adjusting overall volume level.

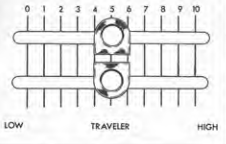
Figure 3.



ATTACK—This slide control will form the beginning of your musical voice, from a fast attack to a slow attack.

PERCUSSION—This slide control will adjust the end of each note, when the key is held down.

Figure 4.



TRAVELER—By the proper utilization of these controls, the operator can alter any musical character in reference to timbre, brilliance, tone, etc.

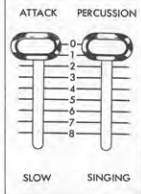
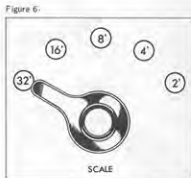


Figure 5.



SCALE—This rotary control provides the selection of a full five (5) octave range, 32', 16', 8', 4', 2', which extends the 32' note keyboard to a "FULL Spectrum keyboard".

Figure 6.

MODE:

- TRIANGLE**—Renders a soft tonal response—Sax, Clarinet, Bass guitar, etc.
- SQUARE**—Provides a single reed generation bells, flutes, clarinets, malleted bar action, etc.
- SAW-TOOTH**—Develops your double reed, strings, brass and many modern tones. This waveform is one of the most used in synthesizer interpretations.
- CHORUS/PHASER**—
 - I Slow rotating sound with duplicating effect.
 - II Fast rotating sound with intensified duplication effect.

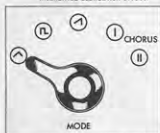


Figure 7.



Figure 8.

"INSTANT SET" GROUP:

- EXPAND**—This control is a subdivision of the traveler circuit. It provides "capturing" effect when used in conjunction with traveler (figure 4) and Attack/Percussion group (figure 5). Creates brass, under-water effect, bubbling effect, gong, etc.
- BRIGHT**—Provides additional high-frequency harmonic structure, or added brilliance and presence.
- SUSTAIN**—Couples a fixed sustain to the existing tone, when key is released.
- BENDER**—Provides added slide to the beginning of each tone; such as Glissando, slur and other accenting generations used in synthesized music.
- REPEAT**—This effect is used for creating simulations of flutter, trill, mandolin, triple picking, etc.
- VIBRATO**—Provides constant pitch change Vibrato to your tone.
- DELAY VIBRATO**—Adds a colorful realism to your playing by adding vibrato with a slight delay for additional expression.
- PORTAMENTO GLIDE**—Allows you to glide from last note played to the next note, in any given sequence. This control allows you to create such effects as: bowing strings, theremin, sonic wave, scanning etc.

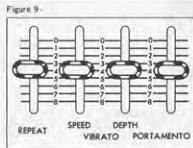


Figure 9.

SLIDE MODIFIER GROUP

REPEAT—This provides speed adjustment of the repeat "Instant Set" Control. (Figure 8, # 5)

VIBRATO SPEED/DEPTH—These sliders give full control over the Vibrato Speed and depth when the Vibrato or Delay Vibrato "Instant Set" tab is utilized. (Figure 8, # 6 and # 7)

PORTAMENTO—This slide allows you to adjust your glide rate.

CONVENIENCE GROUPS—
 I On/Off switch and indicator lamp
 II Pitch—Allows user to pre-set his overall tuning.

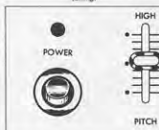
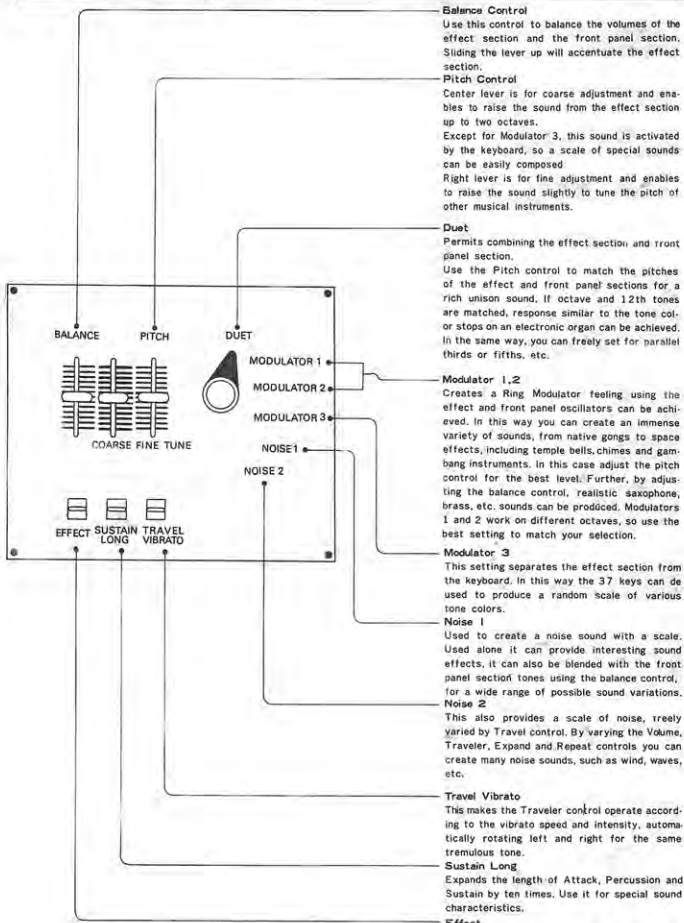


Figure 10.

EFFECT SECTION



INSTANT-SET CHART with EFFECT SECTION

● TEMPLE BELL

By changing the effect section Pitch control and scale buttons various types of tones can be created.

● CHIME

Find the best tone by adjusting the effect section Pitch control.

● COMBAT

Switch the Repeat on and off, and work the Traveler.

● TYPHOON

Work the Traveler left and right.

● WAVES

Turn the volume up and down.

● NOISE SOUND WITH A SCALE

By using the Balance control you can add a noise scale to the regular tones to a limited extent.

● SAXOPHONE

Operate the Balance control briskly to create a feeling of reality.

● GAMBANG

This results in a percussive sound different than that normally provided by the 37 Keys.

● STEAM LOCOMOTIVE

An interesting variation is to gradually change the repeat speed, attack, etc.

● PARALLEL THIRDS, FIFTHS

Of course, seconds, fourths and twelfths can also be freely set.

● BRASS ENSEMBLE

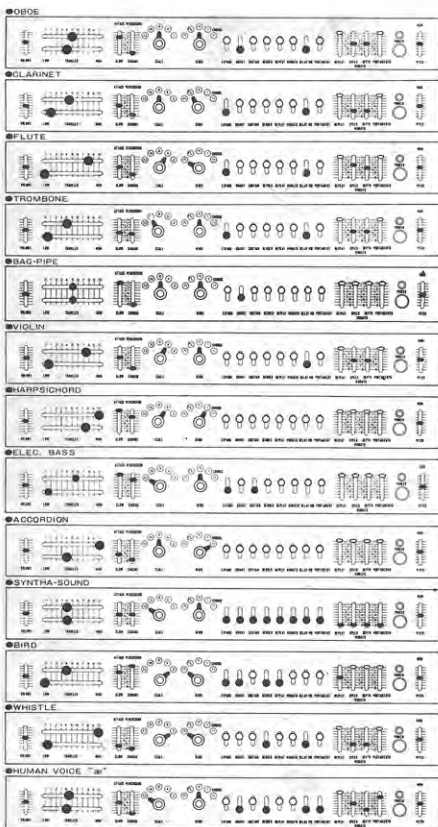
Set the effect section Pitch control for octave connection.

● GONG

Carefully adjust the effect section Pitch control.

MINI-KORG SYNTHESIZER PREPARED INSTANT-SET CHART

It is often better to change the lever position slightly according to the type of amplifier used.



※Set to 16' for a bass clarinet tone.

※Mix in Portamento in the middle of a selection for a Glissando effect.

※Slide the upper Traveler lever to the right for a harder effect, to the left for a softer one.

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