MINI-SYNTHESIZER

User's Guide

Getting Ready--

The MINI-SYNTHESIZER gets power from either its own two 9 volt transistor batteries which are included, or from a 9 volt AC adaptor which can be plugged into the small socket on the right of the synthesizer's rear panel. When replacing the batteries, use only alkaline batteries. Using a Philips screwdriver, remove the four screws on the sides of the synthesizer and shake out the rear cover. The battery holders and clips are located near the AC adaptor socket. The MINI-SYNTHESIZER will operate with only one battery, but only for a short time. When replacing the rear cover, be sure that the cutouts on one side are positioned over the sockets on the rear panel.

The MINI-SYNTHESIZER can be played either through its own amplifier and speaker, or through an outside amplifier and speaker by connecting the OUTPUT JACK to a musical instrument amplifier with a ¼" phone cable. When using a home stereo for an amplifier, a ¼" phone plug to "RCA-type" adaptor must be used in order to plug into the AUXILIARY inputs on the stereo. "Y" adaptors, which are available at electronics stores like Lafayette and Radio Shack, will allow you to use both channels on the stereo. The MASTER VOLUME positions shown on the charts in these instructions are for use with the MINI-SYNTHESIZER's own speaker. When using an outside amplifier, lower positions would usually be used.

Turning On!

To get started, match the positions of all the MINI-SYNTHESIZER controls to the "LEAD GUITAR EFFECT" chart. Adjust the MASTER VOLUME control to your preference. Play the synthesizer, pushing the PITCH BEND control up when notes are to be "bent." Return the control to the very bottom to be sure you are back at the original pitch. PITCH BEND can also be use as a tuning control.

Push the OCTAVE switch down to hear the same effect two octaves lower. Return the OCTAVE switch to the upper position, and try blending in some SUBOCTAVE by moving the control up. SUBOCTAVE is one octave below the normal pitch.

When the PHASE switch is in the lower position, the PHASE RATE control acts as a tone control. When the PHASE switch is up, PHASE RATE determines the speed of a sweeping tone change which gets slower in higher positions.

The next six controls all affect the MINI-SYNTHESIZER's filter to change the tone of the sound. The filter can be swept, starting at the frequency set on the SWEEP START control, and stopping at the frequency set on the SWEEP STOP control. SWEEP RATE controls the time it takes for the complete sweep. Higher settings produce longer sweep times. If the two frequency controls are in the same position, there will be no sweep, just a tone change. The tone can be changed when the filter is not sweeping just by moving the SWEEP STOP control.

When the SENS. switch is in the upper position, the MINI-SYNTHESIZER's special impact sensor is engaged. If the start and stop controls are brought down to around the second line from the bottom, the sweep will start higher as the keys are played harder.

In the up position, 2X FILTER turns on a second filter to give the sound a quality similar to a voice. Q gives the sound a sharper quality when up.

Experiment with the MINI-SYNTHESIZER as much as you like. No cobination of control settings can hurt anything, and you will find many of your own new sounds!

Warranty

For complete warranty information, consult your warranty/registration card. In the event that it should become necessary to return this unit to the factory for repair, please include $7.50 (£3.75 in the UK) to cover the costs of handling and return shipping.