

NON-PROGRAM FUNCTIONS

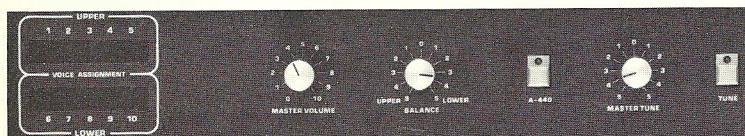
RECORD Button is used to record a sound currently set up on the front panel into memory for instant recall.

PRESET Button determines if the current sound comes from the front panel controls (when light is off) or from the programmed memory (light on).

UPPER/LOWER Button determines if the **UPPER** or **LOWER** program is currently displayed on the front panel **PROGRAM** section controls.

BANK SELECT Buttons. Repeatedly pressing this button cycles either the upper or lower programs through their 4 memory banks. The banks currently selected are indicated in the left half of the digital displays.

PROGRAM SELECT Buttons. Pressing any of these buttons causes the corresponding numbered program within the currently selected bank to be selected. The upper and lower programs are independent of each other, but easy to select simultaneously because of their closeness to each other.



VOICE ASSIGNMENT Lights display which voices are currently being played. These are a valuable aid to understanding the keyboard modes and the keyboard assignment logic.

MASTER VOLUME Knob determines the overall output level of both upper and lower voices.

BALANCE Knob determines the relative volume of the upper and lower voices.

A-440 Button routes a crystal referenced A-440Hz signal to the output, accurate to less than .1 Hz.

MASTER TUNE Knob simultaneously varies the frequency of all oscillators to enable tuning with other instruments.

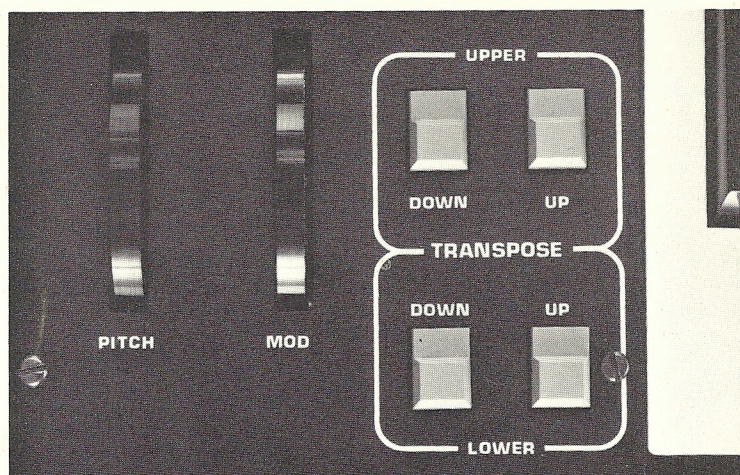
TUNE Button. When hit, the computer will automatically tune and scale all 20 oscillators.

POLYPHONIC SEQUENCER OPTION

The Prophet-10 has an optional polyphonic sequencer which can be installed either when ordered, or at a later date in the field. It fits completely within the main unit, so that no clumsy connections need to be made. Some of the features of the sequencer are:

- Very easy to use; just play normally and record exactly what you play.
- Extensive editing and overdubbing facilities.
- Exact timing can be programmed, and an external clock can be used. This enables very complex "non-playable" sequences to be constructed.
- Utilize the full Prophet-10 potential by changing programs automatically in the sequence and by using all keyboard modes.
- Transpose facilities for instant pitch changes.
- Footswitch start/stop capability (footswitch included).
- Built-in micro cassette for both sequence and program storage—again, no cables or extra external units to bother with.

The sequencer must be heard to be fully appreciated. For further information on the sequencer, refer to the separate brochure.

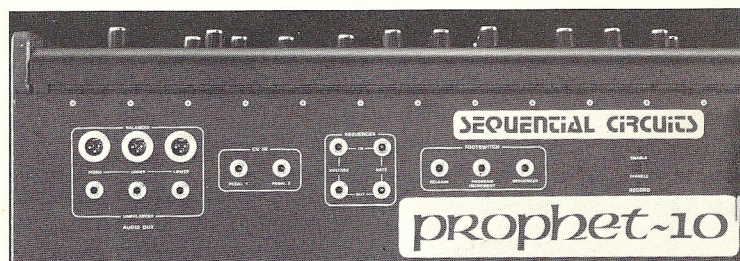


LEFT HAND CONTROLS

PITCH WHEEL bends the oscillator either up or down by approximately a fifth.

MOD WHEEL can be selectively enable **MONO-MOD LFO** modulation.

TRANSPOSE Switches enable instant octave transposing of either upper or lower programs, either up or down, within a four octave range.



BACK PANEL FUNCTIONS

AUDIO OUT Jacks provide both balanced and unbalanced audio output signals for both upper and lower programs separately and for a mix (monophonic) output.

CV IN Jacks are inputs for the two pedal control voltages, whose destinations are programmed on the front panel.

SEQUENCER INTERFACE allows the **PROPHET** to be interfaced with the Sequential Circuits' Model 800 Digital Sequencer, as well as other synthesizers and synthesizer accessories.

GATE and VOLTAGE OUT Jacks follow the last note played on the keyboard, and the GATE and VOLTAGE IN Jacks control voice 5 on the upper program (which is automatically disconnected from the keyboard).

RELEASE FOOTSWITCH Jack. When used with the included footswitch, allows the performer to turn the ADSR release on and off (acting like a piano sustain pedal).

PROGRAM INCREMENT FOOTSWITCH Jack will increment both upper and lower programs by one when hit once. This allows changing programs while keeping both hands on the keyboards.

SEQUENCER FOOTSWITCH is used for start and stop functions on the optional polyphonic sequencer.

ENABLE/DISABLE Switch locks to prevent accidental erasure of programs by disabling the RECORD switch on the front panel.

Removable power cord fixture also contains the main AC fuse, facilities for selecting between 100, 120, 220, and 240 Volts AC line levels, and an AC filter.

All Prophet-10's come (at no extra cost), with a high quality flight case, two voltage pedals, and two footswitches. When delivered, the Prophet-10 is ready to play.

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