

Crumar Performer User's Manual

SWITCHES

The four switches or buttons found on your Performer are the on/off controls. By pushing the button in, the corresponding LED found on top of each switch will light up indicating the function is turned on.

VOLUME SLIDES

On the front panel there are three slide controls marked "VOLUME". Moving left to right, they are the volume controls for the Brass section, the Violin section and the overall master volume. Collectively, these controls provide a simple mixing console for more accurate control of volume levels. Remember, the right master volume control must be kept on otherwise so sound will be heard. Use the two other slides for achieving the proper balance between the strings and the brass sounds.

BRASS SECTION

The Brass section is activated by depressing the on/off position switch and moving the volume slide. A large variety of sounds are attained through manipulation of the four sliders found to the left of the volume control. The Attack and Decay sliders serve as envelope controllers. They provide the various nuances or subtleties needed when expressing a note. The Range and Resonance sliders control the overall sound quality. They function as the filter controllers. Although, each slider has an independent function, they all work together to produce sounds that range from French Horns to Synthesizer filter sweeps.

STRING SECTION

To activate the string section, depress either the 16' or 8' foot switch. The 8' foot octave is considered a violin register, while the 16' foot can be used together to achieve a rich, full string section. The three equalization controls function as a three band graphic, coloring the entire range of string possibilities. They also serve as an excellent means of altering the string sounds directly from the keyboard. Most important, it gives the Performer a vast array of sound combinations ranging from very mellow types of strings sounds to those very bright. The higher the position, the greater the effect or interaction. By manipulating the low, mid and high sliders, you can achieve the string sound of your choice.

CRESCENDO CONTROL

In the "0" position the strings will be heard immediately. By moving the slider upwards the attack time will be increased accordingly. This slide is always live, so take note of its position at all times since it will affect not only the sound of the strings, but their placement in the music.

SUSTAIN SLIDE

This slide lengthens the time the note will sound after your hand is removed. In the "0" position, there will be no sustain and in the "8" position maximum sustain.

TRANPOSE

With this selector, you can transpose the entire range of the keyboard up or down by one octave.

MODULATION SECTION

The modulation section is always on and when the selector is in upper position, activated the V.C.F. Modulation, while in down position activates the Frequency modulation (F.M.). The LED serves as a visual monitor of the modulation rate. The V.C.F. modulation is routed into the filter and operates only in conjunction with the brass section. Necessarily, the brass section must be turned on when operating these controls. The F.M. may be used with both brass and strings sections. The modulation effects are controlled by the depth and rate sliders. The delay slide determines how long after the key is depressed the preset effect will come in. The Resonance and Range controls in the filter bank have greatest effect on what types of modulation sounds will be achieved.