

### MANUAL UPPER PRESETS

Push one of these two buttons to select a drawbars preset for the upper manual. To save a new preset, hold it down until the message «SAVED OK» appears in the display.

They are not exclusive, drawbars still work when a preset is engaged.

### UPPER OCTAVE

Press this button to instantly transpose the upper keyboard one octave down.

### VOLUME

Main volume knob.

### KEYCLICK AND PERCUSSION VOLUME

These two knobs are used to set the keyclick noise generated when you press or release the keys and the volume of the percussion effect.

### ASSIGNABLE KNOB

This knob can be freely assigned to a desired parameter from within the display pages. By default, it's assigned to the Ring Modulator effect.

### ORGAN TYPE

With this button you can choose between:

- Full tonewheel console organ.
- Spinet tonewheel organ.
- Transistor spinet organ.

### DISPLAY AND NAVIGATION

This section is used to access the editor and programming mode.

Button - is used to decrease parameters and as page down.

Button + is used to increase parameters and as page up.

Button back is used to exit the parameter you are modifying.

Enter is the confirmation button. Check the user manual for details.

Please note: the display turns automatically off when there's no activity.

### MANUAL UPPER SELECTION

Push this button if you want the drawbars to adjust the sound of the upper manual. When the LED is on, the drawbars are connected to the upper manual.

### MANUAL LOWER SELECTION

Push this button if you want the drawbars to adjust the sound of the lower manual. When the LED is on, the drawbars are connected to the lower manual.

### 9 DRAWBARS

They are used to change the sound pattern of your instrument. Based on the active organ type, the sound can be affected differently.

### VIBRATO/CHORUS CONTROLS

Two buttons one for upper and one for lower. The third button is used to select the six different modes. The corresponding LED will lit.

### PERCUSSION CONTROL SECTION

With these four buttons you can control the percussion effect. Percussion works differently based on the active organ type. When «CONSOLE» is selected, they have the standard function of a tonewheel organ. When «Spinet» or «Transistor» is selected, you can have percussion 2nd, 3rd, 5th active in a non-exclusive way and you can decide the decay of the effect.

### ANALOG OVERDRIVE SECTION

- ON/OFF switch.
- Overall level of the sound passing through this circuit.
- Overdrive amount.
- Tone of the overdrive effect.

### LOWER OCTAVE

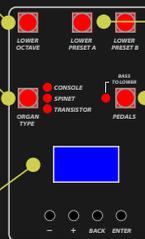
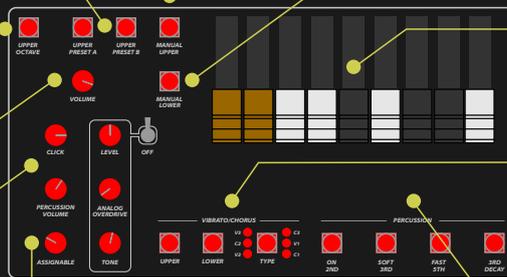
Press this button to instantly transpose the lower keyboard one octave up.

### MANUAL LOWER PRESETS

Push one of these two buttons to select a drawbars preset for the lower manual. To save a new preset, hold it down until the message «SAVED OK» appears in the display. They are not exclusive, drawbars still work when a preset is engaged.

### PEDALS SELECTION AND «BASS TO LOWER»

This button is used to activate the drawbars for the bass sound. First drawbar is volume, second is tone, third is release. When the LED is on, the drawbars are connected to the bass sound. Hold this button until the LED «BASS TO LOWER» is on to bring the bass sound to the lower manual.



## Getting Started

1. Connect AC cord.
2. Plug every audio cables, MIDI or USB cables you are planning to use, pedals and accessories. If you have a ONE-CORD device plug it now on both sides.
3. Power CRUMAR Sorrento on.
4. Start playing.



**UNBALANCED MONO AUDIO OUT**  
Sorrento is mono. You don't have any stereo effect on-board. Like the vintage organs from the past, here you can plug a real rotary speaker, a rotary simulator, an effect pedalboard. The possibilities are almost infinite. Unleash your imagination! When there's nothing plugged in the «BASS OUT» audio out, here you will find both the organ sound and the bass sound.

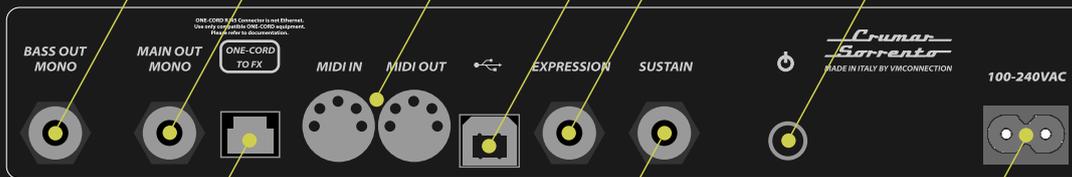
**UNBALANCED BASS AUDIO OUT**  
You can use this plug to connect your instrument to a dedicated bass amplifier. This will immediately disconnect the bass sound from the MAIN OUT connector.

**MIDI IN/OUT**  
Standard MIDI cables plugs.

**MIDI IN/OUT USB**  
Device type B USB port used to connect CRUMAR Sorrento to your computer for MIDI input and output connectivity.

**EXPRESSION PEDAL INPUT**  
TRS Jack input - signal on ring from 10/20k linear pot.

**POWER ON/OFF BUTTON**



**ONE-CORD TO EFFECT CONNECTOR**  
This is an exclusive CRUMAR connector with special functions. If you have a CRUMAR effect with a connector on it labeled «ONE-CORD TO INST.» , you can plug the two instruments together with a single cable. Sorrento is taking care of providing power to the effect (no need to connect the power supply of the effect) but also the audio signal is passing through this cable so you don't need an audio cable from the main out of Sorrento to the effect. The audio signal on this port is the copy of what you find in the «MAIN OUT» and they can be used simultaneously. Connect your Crumar BURN here with the provided cable.

**SUSTAIN PEDAL INPUT**  
Used to sustaining notes (CC64). See user manual for details.

**AC MAIN PLUG**  
From 100 to 240 VAC. This is a C7 connector without earth connection. Sorrento is a Class II device.

**THIS IS NOT AN ETHERNET CONNECTION!**  
**DO NOT ATTEMPT TO PLUG THIS CABLE TO YOUR COMPUTER OR IT CAN BE DAMAGED!**

**Made in Italy by VMConnection**  
**Download the full PDF manual at [www.crumar.it](http://www.crumar.it)**