For the 1.1/1.2/1.6 pangrus edition the keyboard shorcuts are:

REC - start/stop. The ">" sign in the upper left appears when the OR sequencer is running.

AUTO - engage AUTO mode. In AUTO mode, the active channel changes every step. When you move a knob, the correspondig parameter of the active channel is affected.

AUTO + Pressing the keys from 1 to 8 load the sound presets

LOCK - engage LOCK mode. Pressing the keys from 1-8 the corresponding channel toggles from locked to unocked.

EDIT - engage EDIT mode. Press the keys 1-16 to edit the active pattern. The pattern is shown on the leds.

CHAN - engage CLEAR mode. Pressing the keys from 1-8 clears the corresponding channel.

RND - engage RANDOM mode. Pressing the keys from 1-8 randomize the corresponding channel. Randomization is made with the euclidean algorithm.

SAVE - engage MUTE mode. Pressing the keys from 1-8 the corresponding channel toggles from muted to unmuted.

SHIFT + AUTO - toggles slave MIDI mode.

SHIFT + LOCK - locks all channels.

SHIFT + CHAN - clears all channels.

SHIFT + RND - Select generative mode. In GEN1 mode every 16 step the gates of one pattern and one sound parameters is randomized. In GEN2 mode gates are unchanged; every step one sound parameter is randomized. Bpm selection is disabled.

SHIFT + SAVE - mutes all channels.m machine you hear in the demos.

FROM 1.6 VERSION

 midi mode select

press SHIFT + AUTO to engage *midi slave mode* now works only if a midi clock is present on the 1/8" **MIDI IN** connector.

 random euclidean pattern complexity is now selectable

Use the **VIBRAZUM** knob to control the number of hits of the rhythm pattern.
On the Opera Rotas screen the **HIT** parameter is displayed, ranging from 3 to 16**.**
The pattern complexity depends on this parameter, a value of 3 will produce sparse patterns.
This affects the **GEN 1** mode as well as the **RND** mode.

ONLY IN THE 1.7 VERSION

when the machine is running and is **not** in **clear/lock/random/mute mode**, if you keep pressed the keys from 1 to 8 you get temporary patten variations.

Now the OR is always listening to MIDI notes, it means that you can trigger the 8 channels from a midi keyboard even if is not slaved to midi clock.