

Tuning of the synthesizer

Before to start playing, assure that synthesizer has a right pitch. If necessary, refine the tuning (use your ears)

- Turn on button "Mains", allow the synthesizer to warm up for 10 minutes. Controls should be set as shown in figure I. Lift off the cover from the front desk, that gains one access to tuning up controls. There are instructions for this controls on the reversed side of the cover (6 tuned up registers) (Figure 3)
- Adjust a switch "Range" on Oscillator I to 4-I position;
 - a) press upper note "A" and tune the synthesizer in unison with the standard instrument (electroorgan) by the use of register "Shift I";
 - b) press lower "A" and tune the synthesizer in unison with the standard instrument by the use of "Pitch I" register;
 - c) Use items "a" and "b" to get a fine unison;
- Adjust a "Range" switch to 32-I position;
 - a) press upper "A" and tune the synthesizer in unison with the standard instrument by the use of "Registers I" control;
 - b) adjust switch "Range" to 4-I position, press upper "A" and tune the synthesizer in unison with the standard instrument using "Shift I" control;
 - c) Use "a" and "b" items as soon as you get a fine unison;
- Tune "Oscillator II", using "Oscillator I". Adjust "Oscillator II" control placed on a "Mixer" section to 3 position, adjust swithes "Range" to 4-I position;
 - a) press upper "A" and tune "Oscillator II" in unison with "Oscillator I" by the use of "Shift II" control;
 - b) press lower "A" and tune unison using "Pitch II" control;
 - c) Use "a" and "b" items as soon as you get a fine unison;
- Adjust switches range to 32-I position;
 - a) press upper "A" and tune unison by the use of "Registers II" control;
 - b) Adjust swithes "Range" to 4-I position and tune the synthesizer in unison with the standard instrument by the use of "Shift II" control;
 - c) Use "a" and "b" items as soon as you get a fine unison;

O	O	O	O	O	O
Register I	Pitch I	Shift I	Register II	Pitch II	Shift II

O	O	O	O	O	O
Oscillator I			Oscillator II		

Fig.3. Arrangement of tuning controls on the front desk.