

## HSQ5

5-way adjustable time delay sequencer

### **Technical data:**

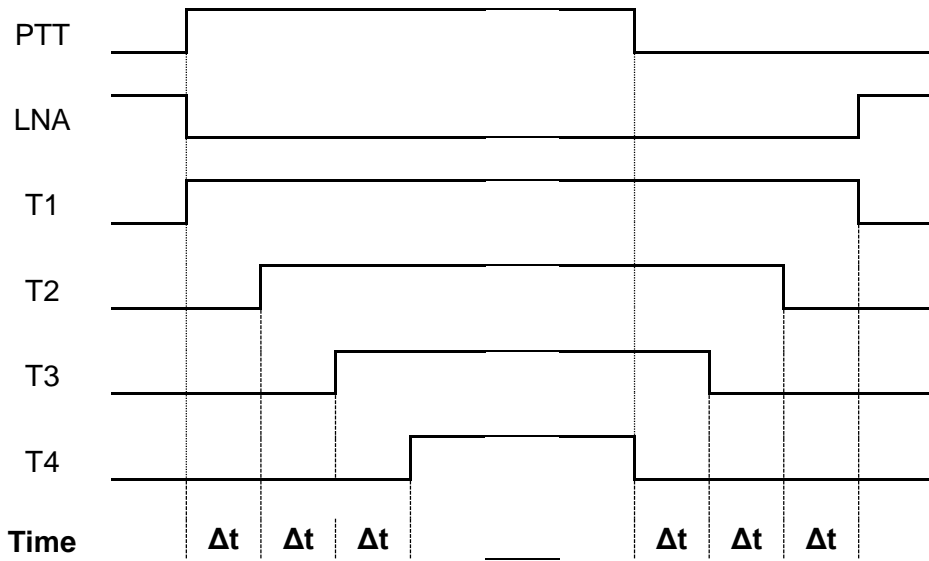
<b>Supply voltage</b>	230/12V, 2A power supply included
<b>Connectors</b>	RCA (f) 3,5 mm stereo jack included for RX/TX control connection
<b>Dimensions</b>	165 x 130 x 40 mm
<b>Weight</b>	0.5 kg

- Time delay can be adjusted by setting the position of DIP rotary switch on PCB. The preprogrammed delay times can be seen in the timing diagram section of the document.
- RX-TX relay control LED's indicate the state of the coaxial relay. The LED's are controlled by GND from the aux. switch of the coaxial relay, the aux. ports to be to be connected to 3.5 mm jack connector. RX goes to the first contact of the jack plug, and TX goes to the second, GND not to be connected.
- PTT control indicator LED.
- Recommended time delay for HAMTECH coaxial relays is 50 ms.

### **Setting the jumpers:**

- P5-P9 jumpers set, whether 12V (COM and +) or GND (COM and -) are being switched by the relays.
- The operation mode of each relay output can be set by the J1 - J5 jumpers:
  - NC state: 12V or GND (according to P5-P9 jumpers) appears on the output, when PTT released.
  - NO state: 12V or GND (according to P5-P9 jumpers) appears on the output, when PTT pressed.
- PTT jumper to be set according to the control voltage:
  - PTT and +: if sequencer is controlled with 12V.
  - PTT and -: if sequencer is controlled with GND (Default setting).
- All the jumpers included in neutral position (except PTT jumper, which is in PTT and - position).

**Timing diagram:**



DIP switch position	1	2	3	4	5	6	7	8	9	0
$\Delta t$ [ms]	10	20	30	40	50	60	70	80	90	100

