

UC-1 quick reference guide

The sequencer's front panel has 8 buttons addressing some 30 functions. The uppermost text row are direct functions essential on playback. Rows 2 and 3 however are accessed by a shift manoeuvre. Underneath the buttons is a 4th row mainly used in single step mode (see below) .

To RECORD a sequence, hold down the rightmost button 'NORML' then press the red button 'REPT/REALT'. The display now changes to show the amount of memory available. Recording is done from the PRO-ONE keyboard as in normal playing. Note however that the sequencer waits until the first Key is pressed, before the recording starts. When you wish to end the recording, press 'NORML' or 'REPT' (one button only) or that point in time where you wish to end/begin the sequence again. If you press 'REPT' the sequence will be repeated immediately.

To STOP the sequencer push 'NORML'.

To START the sequencer push 'REPT'.

Pressing 'REPT' during playback will cause the sequence to restart from the beginning.

On the far left there are two buttons called 'STPD' and 'STPUP'. These are used to change the sequence number register, which is represented by the rightmost digit on the display (0-9) .By changing this number it is possible to record and play back 10 different sequences. If the number is changed during playback the current sequence will play to the end before the new one begins. If the new sequence is empty, the sequencer will stop and return to NORML. This will be indicated by 'SQ' on the display.

When a sequence is played it will transpose immediately if a Key is pressed on the keyboard. The interval of transposition occur anywhere between C0 and C2 in relation to C1.

The following is a short description of each function starting at the top row from right to left.

Top Row Functions

NORML=NORMAL. Reset and idle mode button. Stops all sequencer activity.

REPT=REPEAT PLAY. Starts the sequence or chain currently shown on the display. If the sequencer is playing it will be restarted from the beginning. Tempo and transpose are reset. The display shows 'SP' instead of 'SQ' if there is a sequence previously recorded.

TPOUP=TEMPO UP. Doubles tempo during playback.

TPOD=TEMPO DOWN. Halves tempo during playback.

STOP=When first used to stop a sequence continued depressions of this button gives single step playback. Push 'REPT' and the sequence continues from where it stopped. Push 'NORML' and then 'REPT' and the sequence starts from the beginning.

XPOSE=TRANPOSE. Turns on/off a previously recorded transpose sequence. On is indicated by 'T' on the display. Is ignored if no transpose sequence have been recorded.

STPUP=STEP UP. Steps up the sequence number register.

STPD=STEP DOWN. Steps down the sequence number register.

Row 2 Functions

SHFT1=SHIFT1. When HELD DOWN the functions are shifted to the 2nd text row.

REALT=REALTIME RECORD. Prepares for recording of sequence preselected by the 'STPUP/STPD' buttons. The display shows the amount of memory available. Waits for the first event, before the recording starts.

CHAIN=CHAIN-mode on/off. On is indicated by 'CH' on the display. Select chain number with 'STPUP/STPD'. The chain is started with 'REPT'.

SGLPL=SINGLEPLAY. In this mode, indicated by 'SG' on the display, the sequencer waits for key depressions on the PRO-ONE. It plays the sequence once and transpose according to which key on the key board that is depressed. If a key is held, the sequencer continues to play until the key is released. Each sequence will always play to the end.

CHNPR=CHAIN PROGRAM. First choose a chain number with 'STPUP/STPD'. Then go into 'CHNPR' (SHFT1). The display shows '00-0'. The rightmost digit indicates the sequence chosen and the left ones the number of entries. To make chain entries, choose a sequence number with 'STPUP/STPD'. Then press 'CHNPR' (no shift now) as many times as you wish the sequence played. If it is desired to have the transpose sequence engaged together with a certain sequence press 'XPOSE' on/off. On is indicated by a 'T' in place of the '-'. For every entry the leftmost digits are incremented by 1. If during chain programming an empty sequence number is entered the sequencer will stop when reaching that point under play back. Chain programming is terminated by pushing 'NRML'.

XPPRG=TRANSPPOSE PROGRAM. The display shows 'T000'. The programming is done from the PRO-ONE key board and affects the sequence who's number is on the display when entering this mode. For every key depression the sequence will play once and transpose according to the key pressed. The display shows the number of entries.

FTAPE=FROM TAPE. Load from tape the previously saved sequencer contents.

TTAPE=TO TAPE. Save entire sequencer contents to tape. The tape recorder can be of moderate quality.

Row 3 Functions

CLEAR=CLEAR WHOLE MEMORY. The display shows 'ABC!'. To complete erasure press 'STPD'. To negate erasure press 'NORML'.

SGLST=SINGLE STEP RECORD. This is at first glance similar to the PRO-ONE's original sequencer programming mode. The 4th text row underneath the buttons is valid. 1 clock pulse is automatically assigned to each note and rest. To avoid insertion of rests, play legato (i.e. press the next key before releasing the one held). To extend a note, hold down the key and press the button 'ADD1' or 'DOUBL'. To extend a rest just press 'ADD1' or 'DOUBL' without holding down any key. When programming notes the display shows the number of entries. Remember that 'key up' is regarded as an entry. When you press the '+/-', 'ADD1' or 'DOUBL' buttons, the display will temporarily show the number of clock cycles programmed for the current event. Should you enter too many clock cycles press the '+/-' button which toggles the +/- sign on the display. With minus displayed the 'ADD1' button counts backwards and the 'DOUBL' button resets to one. When programming the next note or rest, the display returns to show the event number again. 'DELET' deletes the last entry.

When programming is completed return to normal by pressing 'NORML'. If the sequence plays to fast at playback, use the LFO mode or the programmed tempo-down (TPOED) to get a better tempo. Note if you wish to begin a sequence with a pause, hold down any key

before entering the record mode. Hence the first thing the sequencer will register, is that a key is being released. If you wish to end a sequence without a pause press 'NORML' before releasing the last key. The same applies to the real time recording mode. The functions 'BACKS' and 'FORWD' are reserved for future UC-revisions.

SHFT2=SHIFT2. When held down the functions are shifted to the 3rd text row.

CLOCK=CLOCK DISPLAY. Displays the clock speed digitally. Works also for the PRO-ONE's LFO or external clock sources, but can become rather lazy at very low clock speeds.

NOTED Reserved for future use. (U'll C-Y)

TPOED=TEMPO EDIT. Programmable 'TPOD/TPOUP'. The display indicates the present status -4 to +4 where +-0 is the original speed. To change this value use the buttons 'TPOD/TPOUP'.

GSYNC=GET SYNCHRONIZED. Puts the sequencer in sync from tape mode. The sequencer then expects a previously recorded sync track instead of the built in clocks. 'ON' is indicated with a '\$'-sign on the display. Use the 'TAPE IN' jack.

SSYNC=SEND SYNC PULSES. Prepares a sync track on tape. This signal is a replication of the clock setting or any of the other clock sources. (E.g. LFO, AUDIO IN, GATE IN, EXTERNAL CLOCK IN). Note that the sync track should be recorded on tape in advance without any other sequencer activity.

The PRO-ONE's Front Panel.

With the UC-1 the PRO-ONE's sequencer switch has become redundant. Therefore it has two new functions. The old 'SEQ1' position is now called LFO/EXT and is used to switch between the original LFO/CLOCK patch and the UC-1's high resolution clock. This means that it is still possible to use 'GATE IN' or 'AUDIO IN' to step the new sequencer. But don't leave the switch in this position when using real time record mode etc. or the keyboard will become very sluggish. The other position the formerly 'SEQ2' now offers an ARPEGGIO SEQUENCER. This is an arpeggiator quite similar to the PRO-ONE's with one important difference. It replays the keys in the order you play them. To use this feature first switch on arpeggio UP or UP/DOWN. Then switch on ARPSEQ. In the UP/DOWN mode the Keys are first played in order and then backwards in the same order reversed. It is possible to switch the ARPSEQ on or off while the arpeggiator is playing. The arpeggio RECORD function has also been altered slightly. You can select RECORD mode in advance provided that the ARPEGGIO switch is on. You no longer need to hold down all the Keys you wish to record simultaneously. As long as at least two Keys are held further keys pressed will be recorded. Furthermore you can keep the RECORD switch on when switching off the arpeggiator. The last recorded arpeggio sequence will survive and can be played back by turning on the arpeggiator again.

The PRO-ONE has been equipped with four new phone jacks for CLOCK IN/OUT and TAPE IN/OUT. CLOCK IN disconnects the internal clock and an external source is expected. (E.g. a drum-machine or another UC-1 etc.) CLOCK OUT is activated at PLAY, RECORD and CLOCK DISPLAY.

TAPE IN and TAPE OUT are for tape interfacing. The 'OUT' signal is at microphone level and 'IN' requires head phone or external loadspeaker level.