# OT Buttons combinations

## Evolutions

13-01-2013 - V1 - Little updates and MIDI SEQUENCER table completed.
10-01-2013 - V0 - First version.

| Conventions | Comment |
|---|---|
| | **Keys** |
| **[Rectangular keys]** | [CUE], [PATTERN] |
| **[F]** | Abbreviation for [FUNCTION] |
| **►Validation keys◄** | ►ENTER◄ or ►YES◄ , ►EXIT◄ or ►NO◄ |
| **●Knob●** | ●Level●, ●DATA ENTRY●, ●A●, ●B●, ..., ●E● |
| **<A numbered key>** | any <TRIG>, <TRACK>, <SCENE> key |
| **<TPP>** | A track parameter page key |
| **←➜↑↓** | Arrow keys |
| **(Other rounded keys)** | (MIXER), (Tempo). (TRIG 13) means the unique 13th trig key |
| | **Other** |
| **Red label** | When Function is held, the following key is showned with its red label : **[F] + [COPY]** |
| **❘** | Or |
| **↻** | Hold the button |
| **↻ +** | Press the button |
| **[●]** | In the third column, means that grid recording mode on |

| | GENERAL |
|---|---|
| ▶EXIT◀ | Close a window |
| [CUE] + (Tempo) | Toggle metronome on / off |
| | **Parameter editing** |
| ↻ + ●DATA ENTRY● | Adjust the value in increments of 7 |
| [F] + ●DATA ENTRY● | Jump to relevant position (eg. : min, max, middle,...) |
| [F] + ↑ | ↓ | Quick scrolling (one page up / down) |
| | **Naming menu** |
| ← → | Navigate left / right between the letters |
| ●Level● | ↑ | ↓ | Select the letter |
| [F] + ▶NO◀ | Quickly erase characters |
| [F] | Open a popup displaying the letters |

| | PROJECT |
|---|---|
| [F] + ( **PROJECT**) | **Open Project Menu** |
| [F] + [EDIT] | Rename/delete projects in the CHANGE menu |
| (MIXER) | **Open Mixer Menu** |
| <TRIG> | Mute Audio Track (1-8), Midi Track (9-16) |
| ↻ [F] + <TRIG> | Mute changes are held until [F] is released |
| [CUE] + <TRIG> | Solo Audio Track (1-8), Midi Track (9-16) |
| (Tempo) | **Open Tempo Menu** |
| ●Level● | Change the current tempo in integer steps |
| ↑ ↓ | Change the decimal part of the tempo |
| ↻ [F] + ●Level● | Will not change the tempo until [F] is released |
| [F] + (**Tap Tempo**) | 4 taps minimum |
| ← → | *Temporarily* shift the tempo up/down by 10% |
| <TRACKs> + ← → | *Temporarily* nudge the tempo of the selected <TRACKs> |

| | TRACK RECORDERS AND PICKUP MACHINES | |
|---|---|---|
| **[F] + (SETUP AB)** | **Open recorder setup menu page 1** | |
| **[F] + (SETUP CD)** | Open recorder setup menu page 2 | |
| [F] + [ ▶ ] | Clear the recorder buffer | NOT [●] |
| [F] + [EDIT] | Recorder popup menu | |
| <TRACK> + [EDIT] | Open the sample in the sample editor | |
| <RECORD> + [EDIT] | Open the recorder buffer of the active track in the sample editor | |
| | **Recorder trig sampling** | |
| <TRIG> | Place a recording trig | [●] |
| [F] + <TRIG> | Place a one shot recording trig | [●] |
| <TRIG> + (RECORD AB) \| (RECORD CD) \| (MIDI) | Activate sampling source | |
| | **Manual sampling** | |
| <TRACK> + (RECORD AB) | Sample from input AB | |
| <TRACK> + (RECORD CD) | Sample from input CD | |
| <TRACK> + (MIDI) | Sample from internal source | |
| | *Personalize / Quick Mode recording allow to sample without needing to press <TRACK>* | |
| | **Pickup Machine sampling** | |
| (RECORD AB) | Control the record function : Start new loop recording / toggle between overdubbing and replacing | |
| (RECORD CD) | Control the play function : Stop overdubbing  or replacing | |
| <TRACK> + (TEMPO) | Sync the sequencer to a PICKUP machine loop | |
| <SETUP> + [EDIT] | Open the recorder buffer in the sample editor | |

| | BANKS, PARTS AND SCENES |
|---|---|
| **[F] + (PART)** | **Part quick select menu** |
| ←   →   ↑   ↓ | Select part |
| [F] + [EDIT] | Part Edit popup menu |
| [F] + [RELOAD] | Revert the part to its previously saved state |
| [F] + [COPY] \| [CLEAR] \| [PASTE] | Copy / clear / paste parts |
| | **Scenes** |
| <SCENE> + <TRIG> | Associate the <TRIG>th scene to the chosen <SCENE> |
| <SCENE> + ●DATA ENTRY● | Lock the parameter controlled by the knob to the scene |
| <SCENE> + ↻ ●DATA ENTRY● | Remove a scene lock |
| <SCENE> | Display scene lock on the <TRIG> leds :<br>- *Red*  : scene number assigned to this <SCENE><br>- *Green* : scene number assigned to the other <SCENE><br>- *Half-bright green* : parameter locks |
| ↻ <SCENE> | Display scene lock for the tracks with *Half-bright green, maybe blinking* leds. |
| ↻ <SCENE> + <TRACK> | Display scene lock for the parameter pages with *Half-bright green, maybe blinking* leds. |
| [F] + <SCENE MUTE> | Mute the chosen <SCENE>. |

| | |
|---|---|
| **<SCENE> + [COPY]** \| **[CLEAR]** \| **[PASTE]** | Copy / Clear / Paste scenes.<br>**<SCENE> + [CLEAR]** a second time undo the clearing. |

| | TRACKS |
|---|---|
| | **Assign machines and samples** |
| **<TRACK> + <TRACK>** | Open quick assign menu for the track |
| **(PLAYBACK)** | Open playback menu |
| **[F] + [EDIT]** | Edit the sample in the audio editor *(from Quick assign or playback menu)* |
| **<TRACK> + [EDIT]** | Open the sample in the sample editor |
| **[F] + ▶YES◀** | Preview audio file on main outputs |
| **[CUE] + ▶YES◀** | Preview audio file on cue outputs |
| **[F] + ← \| →** | Load the previous \| Next sample in the slot |
| | **Track parameter pages** |
| **<TPP>** | Open the corresponding MAIN track parameter page |
| **[F] + <TPP>**<br>**<TPP> + <TPP>** | Open the corresponding SETUP track parameter page |
| | **Levels** |
| **•Level•** | Adjust track main output level (post effects) |
| **[CUE] + •Level•** | Adjust track cue output level |
| **[F] + •Level•** | Adjust the main level of the MIXER menu |
| | **Routing** |
| **<TRACK>** | Select a track |
| **[F] + <TRACK MUTE>** | Mute the track |
| **[CUE] + <TRACK>** | Send the track to the cue output (toggle) |
| **[CUE] + (RECORD AB)** | Route AB to the cue output |
| **[CUE] + (RECORD CD)** | Route CD to the cue output |
| | **LFO Designer** |
| **<TRIG> + • A• \| • B• \| • C•** | Change values for LFO Designer steps : <TRIG> choose the step, the upper DATA ENTRY defines the value : B = current value, A = previous step, C = next step.<br>Many TRIG can be pressed at the same time. |
| **<TRIG> + (Tempo)** | Interpolate value between current step and next step |
| **[F] + [EDIT]** | Popup menu : randomize, invert |
| **[F] + ← \| →** | Rotate the sequence |
| **[F] + [COPY]** \| **[CLEAR]** \| **[PASTE]** | To copy LFO waveforms *between* tracks |

| | PATTERNS |
|---|---|
| | **Select pattern** |
| **[PATTERN] + <TRIG>** | Select a pattern in the current bank |
| **[BANK] + <TRIG>…** | Select a bank… |
| **… + <TRIG>** | … then a pattern in the bank |
| | **Pattern control** |
| **[ ▶ ]** | Start playback of a pattern |
| **[ ■ ]** | Stop the playback of all tracks except those containing THRU machines. Effects like Echo Freeze Delay will continue until fade out |
| **[ ■ ] + [ ■ ]** | Stop all tracks containing THRU machines and kill Echo Freeze Delay |
| **[ ▶ ]** *while playing* | Pause the playback |
| **[ ▶ ]** *again* | Resume playback |
| | **Pattern chaining** |
| ↻ **[PATTERN] + <TRIGs>** | Loop the sequence of selected patterns |
| **[ ■ ]** | Stop playback and reset the pattern chain |
| **[ ▶ ]** | Then the pattern chain will start playing from the beginning |
| **[ ■ ] + [ ■ ]** | Reset the pattern chain |
| | **Sample locks** |

| | Sample locks | |
|---|---|---|
| **<TRIG> + ↑ ↓**  **<TRIG> + ●Level●** | Open sample lock menu. Use Arrows or Level knob to navigate in the list | *Rapidly flashing red led* |
| **[F] + [EDIT]** | Open track trig edit menu | **[●]** |
| **[SCALE SETUP]** | Navigate through the pages | |
| **[F] + [EDIT]** | Open pattern settings menu | NOT **[●]** |

| | PATTERNS : RECORDING MODES |
|---|---|
| **[●]** | **Grid recording mode (toggle)** |
| **[F] + ← | →** | Shift the trigs backwards / forwards |
| **[SCALE SETUP]** | Navigate between pattern pages |
| **[●] + [ ▶ ]** | **Live recording mode** |
| **<TRIG 9-16>** | Input sample trig on tracks 1-8 |
| **[F] +<TRIG 9-16>** | Input trigless trig |
| **●DATA ENTRY●** | Input parameter locks to the active track |
| **▶NO◀ + <TRACK>** | Erase trigs in real time. Several tracks can be erased simultaneously |
| **[F] + ▶NO◀** | Remove parameter locks in real time |
| **▶NO◀ + ●Level●** | Remove all sample locks in real time |
| **▶NO◀ + ●DATA ENTRY●** | Remove specific paramater lock corresponding to the knob |
| **[ ■ ]** | Stop both the recording and the playback of the seaquencer |
| **[ ▶ ]** | Exit live recording and kee the sequencer playing the pattern |

| | **PATTERNS : TRIG TYPES** | |
|---|---|---|
| **\<TRIG\>** | Place a **sample trig** (toggle) | *Red led* |
| **[F] + \<TRIG\>** | Place a **trigless lock** | *Half-bright green led* |
| **\<TRIG\> + ►NO◄** *twice* | Turn a sample trig to a trigless lock | |
| **\<TRIG\> (trigless lock / trig)** | Turn a trigless lock or trigless trig to a sample trig | |
| ↻ **\<TRIG\> + ← \| →** | **Open micro timing menu** | |
| ↑ ↓ | Adjust the trig count | |
| ← → | Adjust the trig offset (grid resolution : 1/384) | |
| | **Trigless trigs** | *Green full-bright led* |
| **\<TRIG\> + ►YES◄** | Turn a trigless lock to a trigless trig | |
| **\<TRIG\> + ►NO◄** | Turn a sample lock to a trigless trig | |
| | **One shot trigs** | *Yellow led* |
| **[F] + \<TRIG\> (sample trig)** | Turn the sample trig to a one shot trig | |
| **[ ■ ] + [ ■ ]** | Re-arm the one shot trigs (while sequencer is stopped) | |
| **►ENTER◄** | Re-arm the one shot trigs in RECORDING SETUP and TRACK TRIG EDIT menus | **[●]** |
| **\<TRACK\> + ►ENTER◄** | Re-arm all one shot recorder trigs of a track | |
| **\<TRACK\> + ►EXIT◄** | Disarm all one shot recorder trigs of a track | |
| **►ENTER◄ \| [F] + ►ENTER◄** | Re-arm all one shot recorder trigs of the active track | **[●]** |
| **►EXIT◄ \| [F] + ►EXIT◄** | Disarm all one shot recorder trigs of the active track | **[●]** |
| **►ENTER◄ \| [F] + ►ENTER◄** | Re-arm all one shot recorder trigs of all tracks | NOT **[●]** |
| **►EXIT◄ \| [F] + ►EXIT◄** | Disarm all one shot recorder trigs of all tracks | NOT **[●]** |
| *In track trig edit menu* | **Swing and slide trigs** | *Green led* |

| | PATTERNS : TRIG MODES | |
|---|---|---|
| **[F] + ↑ ↓** | Open trig mode menu | NOT **[●]** <br> AND NOT **[●]** + **[ ► ]** |
| | **Track Mode** *(defaut)* | |
| **<TRIG 1-8>** | Trig any disconnected audio track | |
| **<TRIG 9-16>** <br> **<TRACK> + [ ► ]** | Trig the machines of the eight tracks <br> Required t least one time for a THRU machine to play | |
| **<TRACK> + [ ■ ]** | Stop the playback of the machines | |
| **[F] + <TRIG 9-16>** | Trig manually the trigless trigs of the track | |
| | **Chromatic Mode : Chromatic playback of samples** | |
| **<TRIGS 1-16>** <br> **and [SCALE SETUP]** | Represent a mini keyboard | *- C key : yellow led* <br> *- White key : red led* <br> *- Black keys : unlit led* |
| **(TRIG 13)** | **Root note** | |
| **<TRIG>** | Trig a sample | |
| **[F] + <TRIG>** | Trig a trigless trig | |
| **[F] + ← \| →** | Change octave range | |
| | **Slot Mode : Playback the flex and static sample slot lists** | |
| **<TRIG>** | Trig a sample | |
| **[SCALE SETUP]** | Move between the rows | |
| | **Slice mode : Play the individual slices** | |
| **<TRIG>** | Trig a slice | |
| **[SCALE SETUP]** | Move between the rows | |
| | **Quick mute Mode : Same as mute settings in MIXER menu** | |
| **<TRIG>** | Mute Audio Track (1-8), Midi Track (9-16) | |
| | **Delay control Mode : Parameters of Echo Freeze Delay** | |
| **↻ <TRIG 9-16s>** | Select the tracks (many trigs can be pressed) | |
| **<TRIG 1-8>** | Adjust the time value of the selected delays | |
| **[SCALE SETUP]** | Change the scale of values for <TRIG 1-8> (1:2 or 1:3) | |

| | SEQUENCER COPY, PASTE AND CLEAR OPERATIONS | |
|---|---|---|
| **[BANK] [PATTERN] [TRIG]** <br><br> **<TRACK>** | **Patterns : select the pattern** <br><br> **Tracks : select the track** | NOT **[●]** <br><br> **[●]** |
| **[F] +** <br> **[COPY]** \| **[CLEAR]** \| **[PASTE]** | Pattern or track operations | |
| **[F] + [PASTE]** | Undo the paste operation | *after* **[F] + [PASTE]** |
| **[F] + [CLEAR]** | Undo the clear operation | *after* **[F] + [CLEAR]** |
| **<TRACK> + [SCALE SETUP]** | **Track page : select the page of sequencer steps** | |
| **[SCALE SETUP] +** <br> **[COPY]** \| **[CLEAR]** \| **[PASTE]** | Track page operations | |
| **[SCALE SETUP] + [PASTE]** | Undo the paste operation | *after* **[SCALE SETUP] + [PASTE]** |
| **[SCALE SETUP] +[CLEAR]** | Undo the clear operation | *after* **[SCALE SETUP] +[CLEAR]** |
| **<TRACK> + <TPP>** | **Track parameter page (both main and setup)** | |
| **<TPP> +** <br> **[COPY]** \| **[CLEAR]** \| **[PASTE]** | Track parameter page operations | |
| **<TPP> + [PASTE]** | Undo the paste operation | *after* **<TPP> + [PASTE]** |
| **<TPP> + [CLEAR]** | Undo the clear operation | *after* **<TPP> + [CLEAR]** |
| | **Trigs** | **[●]** |
| **↻ <TRIG> +** <br> **[COPY]** \| **[CLEAR]** \| **[PASTE]** | Trig operations | |
| **↻ <TRIG> + [CLEAR]** | Clear all trig locks of the track | |
| **↻ <TRIG> + [PASTE]** | Undo the paste operation | *after* **↻ <TRIG> + [PASTE]** |
| **↻ <TRIG> + [CLEAR]** | Undo the clear operation | *after* **↻ <TRIG> + [CLEAR]** |

| | AUDIO EDITOR |
|---|---|
| | **Opening the audio editor...** |
| **[F] + [EDIT]** | ... from Quick assign or playback setup menu |
| **<TRACK> + [EDIT]** | ... from the machine of the track |
| **<RECORD> + [EDIT]** | ... from the track recorder for the recorder buffers 1-8 |
| **(PLAYBACK)** | **Trim menu** |
| **●Level● \| ← \| →** | Navigate in the waveform |
| **●A● ●B● ●C●** | Set start / loop / end points of the sample |
| **[F] + ●A● ●B● ●C●** | Move points to snap zero crossings |
| **●D●** | Zoom on the Y axis |
| **●E●** | Scroll the waveform |
| **●F●** | Zoom on the X axis |
| **↑ ↓** | Zoom in / Zoom out |
| **[F] + ▶YES◀** | Preview sample from the main outputs |
| **[CUE] + ▶YES◀** | Preview sample from the cue outputs |
| **[F] + [EDIT] \| ▶YES◀** | Open trim edit menu |
| **(AMP)** | **Slice menu** |
| **[F] + [EDIT] \| ▶YES◀** | Open slice edit menu |
| **●A● ●B● ●C●** | Set start / loop / end points of the slice |
| **[F] + ●A● ●B● ●C●** | Move points to snap zero crossings |
| **(LFO)** | **Edit menu** |
| **●A● ●C●** | Select the section of audio file to edit |
| **[F] + ●A● ●C●** | Select using zero-crossing points |
| **[F] + [COPY]** | Copy the selection |
| **[F] + [PASTE]** | Paste the selection at position of ●A● point. |
| **(Effect 1)** | Open attributes menu |
| **(Effect 2)** | Open file menu |

| | ARRANGER MENU |
|---|---|
| **[F] + [ARRANGER]** | **Enter arrangement mode** |
| **[ ► ]** | Play the arrangement |
| **↑   ↓** | Navigate through the rows of the arrangement |
| **►YES◄** | Play the new selected row after the currently playing row has finished playing |
| **[ ■ ]** | Stop the playback |
| **[ ■ ]** *again* | Move the position pointer to the beginning of the arrangement |
| **[F] + [EDIT]** | **Open arranger menu** |
| **[F] + ↓** | Insert an arrangement row |
| **[F] + ↑** | Remove an arrangement  row |
| **← →** | Move the focus between the columns |
| | **Pat column (patterns)** |
| **●Level●** **[BANK]/[PATTERN] + <TRIG>** | Select the pattern to play |
| **●Level●** *anti-clockwise* **: HALT** | HALT is located before pattern A01 |
| **●Level●** *anti-clockwise*  **: LOOP** | Once HALT is selected, it can be changed to LOOP... |
| **●Level●** *anti-clockwise* | ...then Level knob sets the number of loop cycles |
| **●Level●** *clockwise*  **: JUMP** | Once HALT is selected, it can be changed to JUMP... |
| **●Level●** *clockwise* | ...then Level knob sets the row number to jump to |
| **●Level●** *anti-clockwise* **: REM** | Once HALT is selected, it can be changed to REM... |
| **→** + **►YES◄** | ... then open naming menu for the remark |
| | **Rep column ‹repeats)** |
| **●Level●** | Alter the number of repeats |
| | **LN column (length)** |
| **●Level●** | Alter the pattern length setting |
| | **Scene column** |
| **●Level●** **<SCENE> + <TRIG>** | Assign the scenes |
| | **T column (transpose)** |
| **►YES◄** | Open the MIDI TRANSPOSE window |
| | **B column (individual BPM settings)** |
| **►YES◄** | Open the ROW TEMPO window |
| | **M column (mute settings)** |
| **►YES◄** | Open the ROW MUTE window |
| **<TRIG 1-8>** | Mute audio tracks |
| **<TRIG 9-16>** | Mute midi tracks |

| | MIDI SEQUENCER | |
|---|---|---|
| **[MIDI]** | **Enter MIDI mode** | |
| **<TRIG 1-8>**<br>**<TRIG 9-16>** | Trig AUDIO track<br>Trig MIDI track | NOT **[●]**<br>AND NOT **[●]** + [ ► ] |
| **[ ■ ]** | Send a NOTE OFF fro any MIDI notes still playing | |
| **[ ■ ] + [ ■ ]** | Send ALL NOTES OFF, resend CC and PC | |
| **[●] + [ ► ]** | Record MIDI data (note and CC) | |
| ↻ **<TRIG> +** *note data or CC* | Add MIDI notes and MIDI Parameter locks on a per trig basis | |
| | **MIDI Track parameter pages** | |
| **<TPP>** | Open the corresponding MAIN track parameter page | |
| **[F] + <TPP>**<br>**<TPP> + <TPP>** | Open the corresponding SETUP track parameter page | |
| | **Note Main** | |
| ↻ **<TRIG>** | Display a mini keyboard in the lower part of LCD screen | |
| ↻ **<TRIG> + ●A●** | Visualize the root note on the keyboard | |
| | **Note Setup** | |
| **●DATA ENTRY● | ▶YES◀** | Activate parameter change | |
| | **Arpeggiator Setup** | |
| *lit* **<TRIG>** *leds* | Reflect the length of the arpeggio | |
| **●C●** | Set the length of the arpeggio | |
| **<TRIG>** | Deactivate arpeggiator step | *Green led : activated step*<br>*Red led : deactivated step* |
| **<TRIGs> + ●Level● | ↑ ↓** | Adjust note offset values | |
| **●F●** | Set the key scale | |
| **[F] + ← →** | Rotate the arppegio sequence | |
| | **Ctrl1 Main - Ctrl 2 Main** | |
| **[F] + ●DATA ENTRY●** | Enable the parameters (toggle) | |
| **●DATA ENTRY●** | Set paramater value | |