

Erase

- all tracks -> press "Erase" twice (If no tracks selected/soloed)
- all soloed -> press "Erase" twice (If tracks are soloed)
- all held tracks -> hold "Track(s)" + press "Erase" twice
- recording track -> press "Erase" twice (At all times during recording)
- erase notes only -> hold "Stop" + "Erase" twice
- track group -> hold master-track + "Erase" twice (Erases master-track)
- all tempo maps -> see "Tempo/Meter" map
- timbre frame -> dial frame then hold "Partial" + "Stop"

Copy / Move / Insert / Delete / Chain...

- copy partial -> press "Bounce" + "Partial"(source) + "Partial"(destination)
- copy partial from memory -> hold "Partial" press "Bank", "Entry" + "Number "
(Recalls only same position partial from memory)
- copy partial from track -> hold "Partial" press "SKT" + "Track"
(Recalls only same position partial from track)
- move track -> press "Bounce" + "Track"(source) + "Track"(destination)
(Merging or layering if destination contains notes)
- copy track -> press "Bounce" + "Track"(source) twice + "Track"(destination)
(Merging or layering if destination contains notes)
- recall track from sequence -> hold "Track"(dest.= source number)+ press "Sequence" + "Number "
(Options: hold multiple tracks; choose sequence from "C-Page")
- slide track -> hold "Track" + dial start time (Set justify "on" to slide justified.)
- delete selected notes -> solo tracks then hold "Delete" + "Start"
- set start time -> press "Mark" + dial
- set end / length -> press "Insert" or "Delete" to toggle + dial
- set start times while play -> hold "Mark" + "Continue" enters value
- set end / length while play -> hold "Insert" or "Delete" + "Continue" enters value
- set insert length -> press "Insert" + dial value or press repeatedly
- insert rest into track -> solo tracks then hold "Insert" + "Start"
- set chain repetitions -> press "Chain" + dial value or press repeatedly
- chain -> press "Track" (source) + "Track" (Destination)

Track Looping

- general:
 - set loop values -> press "Start Loop" repeatedly, toggle start>end>length + dial values
(Use "Justify" on or off)
 - recall track loop values -> hold "Start Loop" + "Track"
 - recall overall loop values -> hold "Start Loop" + "End Loop"
 - display current loop status -> see "End Loop" button (for independent loop status hold "Track")
(LIT=current values active, BLINKING=current values differ from active, OFF=loop inactive)
- overall loop -> toggle "End Loop" until lit
- independent loop -> hold "Track" toggle "End Loop" until lit
(If you solo tracks during overall loop the first note of soloed tracks is used.)
- da capo/ overall while play -> press "End Loop"
- da capo/ independent while play -> hold "Track" press "End Loop"
- dal segno/ overall while play -> press "Continue" twice sets loop start + press "End Loop"
- dal segno/ independent while play -> press "Continue" twice sets loop start + hold "Track" + "End Loop"
- remove overall -> toggle "End Loop" off
- remove independent -> hold "Track" + toggle "End Loop" off
- remove independent while play -> hold "Start Loop" + press "Stop"
- set kb. time display format -> hold "Start Loop" + toggle "Click Rate"

Keyboard Looping

- total length (file start to loop end) ->press "Harm. Control 1" + dial
- loop length (loop start to loop end) ->press "Harm. Control 2" + dial
- overall search (set total length first) ->press "Harm. Control 2" + "Start"
- local search (set total+loop length first) ->press "Harm. Control 1" + "Continue"
- window length (for local search only) ->press "Harm. Control 3" + dial (3-10 recommended)
- halt search ->press "Stop"

Timbre Frames

- select frame -> hold "Partial." + dial frame >0
- delete timbre frame -> dial frame then hold "Partial" + "Stop"
- copy timbre frame (to buffer) -> dial frame then hold "Partial" + "Bounce"
- paste timbre frame (from buffer) -> dial preceding frame then hold "Partial" + "Start"
- insert default frame (empty buffer) -> dial preceding frame then hold "Partial" + "Start"
- repeat frame -> dial frame hold "Partial" + "Bounce" + "Start"
(Inserts frame with same parameters as previous one)
- looping -> dial END frame + press "Harm.Env.Sust" + dial START frame
- continued splicing -> set Frame 0 "Sust.Level to 0 on all partials
<Set Frame 0 "final Decay" larger than sum of
frame 0 "Init.Decay" and total of all splice times.>
- splice delay -> press "Vol.Env.Delay" + dial
- splice time -> press "Vol.Env.Attack" + dial
- splice shape -> press "Vol.Env.Init. Decay" + dial (0=log, 1000=lin)
- pitch randomness -> press "Vol.Env.Final Decay" + dial(range 0 - 48.00)
(Only if the partial's Vol.Env.Final Decay is non zero!)
- splice volume -> press "Vol.Env.Peak" + dial
- all splice volumes in partial -> press "Vol.Env.Sust." + dial
- adjust phases -> hold "Harmonic No." + "Harm. Select" (relative to 1st.harmonic)

Pitch & Tuning

scale (set pitch-per-key)	-> press "Pitch Class" + "Harm Control" + Dial (saved with Sequence)
reset scale (pitch-per-key)	-> press "Scale Reset" twice
tune system	-> press "Overall Tuning" + dial or press repeatedly (not saved)
octave ratio	-> press "Oct. Ratio" + dial; press again to reset
pitch bend range	-> hold "Scale Reset" + dial or press repeatedly (Dialling allows increased range.)
pitch bend by Knob	-> active while "Scale Reset" is lit
toggle old/new tuning table	-> hold "Pitch Class" + "Start" or "Stop" (Default is "New". Ancient sequences may use old "FM optimised" table automatically.)

Transposition /T. Map

transpose sequence to next key only	-> press "Transpose" once (lit)
transpose seq. in realtime (latch on)	-> press "Transpose" twice (blinking) (If Tracks are soloed, soloed Tracks are transposed only.)
turn transpose off	-> press "Transpose" again (unlit)
transposition mapping: define track	-> hold track button + press "Transpose" (First note defines reference pitch.) (Even if track is muted while recording, keyboard timbre is audible. Use "Null Timbre" to mute.)
check track transposition	-> hold "Track" if on="Transpose" (blinking)
transpose group	-> apply to master track
turn map off	-> hold "Track" + press "Transpose" again (unlit)
transpose keyboard	-> press "Cut/Boost" + dial value (-12 to+12)
reset keyboard transp.	-> press "Cut/Boost" again

Tempo/Meter Map

general:	
set meter	-> hold "Click" + dial (in mapped seq. move the cursor by pressing "Speed" while holding "Click")
set click rate display mode	-> hold "Click" + "Continue" repeatedly
detect presence of a map	-> hold "Click" + "Speed" repeatedly (If underline cursor moves L-R, there is a map.) (Use 480msec.click rate to merge mapped sequences.) (Use "Sequence conversion options" to change clickrate in existing sequences. See rel.notes 4.3.)
delete map/preserve beats	-> hold "Click" + "Speed" press "Erase" twice (Sound is different but matches restored click.)
delete map/preserve times	-> hold "Click" + press "Erase" twice (Sound is preserved but relation to beats will change) (Hint: Create a matching click by chaining quarter notes on a track beforehand.)
tempo:	
activate tempo map/ insert tempo event	-> hold "Click" + "Start"
delete displayed tempo event	-> hold "Click" + "Stop"
step fw. through list	-> hold "Click" + "F.F."
step bw. through list	-> hold "Click" + "Rew"
meter:	
change signature	-> hold "Click" + "Speed" repeatedly + dial
activate meter map/ insert meter event	-> hold "Click" + "Speed" + "Start"
delete displayed meter event	-> hold "Click" + "Speed" + "Stop"
step fw. through list	-> hold "Click" + "Speed" + "F.F."
step bw. through list	-> hold "Click" + "Speed" + "Rew"
from track:	
use live click (Click Track)	-> hold "Click" + "Track" repeatedly...releasing "Click" activates
revert to Internal click (turns c.track off if on)	-> s.a.
generate map/preserve beats	-> s.a. (Sound is different but relation to beat is preserved.)
generate map/preserve times	-> s.a. (Sound is preserved but relation to beats will change.)
abort	-> s.a.
metronome:	
set audio click independent from map	-> hold "Click" + "Transpose" + dial note value

Track Grouping

create group	-> hold "Sequence Name" + select master track + select Tracks + Terminate by pressing master track or "Stop"
toggle group on/off	-> press master track of existing group (Master track is first track in group or first track pressed, creating the Group.)
modify group	-> hold "Sequence Name" + press master track of existing Group + select tracks / terminate by pressing master t. or "Stop"
erase group setting	-> hold master track + "Erase" twice (erases master track)
erase all grouped tracks	-> solo Group + press "Erase" twice
change group volume	-> apply to master track
change group routing	-> apply to master track
slide group	-> apply to master track
transpose group	-> apply to master track
display accessible Master tracks to recall button assignment at group creation /modification	-> press "Track Pan" twice -> press one of the blinking master tracks
set "set grp on" to "off" in profile if on	-> hold "Track" button >2sec. creates group
if off	-> hold "Sequence Name" + "Track" button creates group

Track Button Assignment (Track Pan)

display current config. assign tracks	-> press "Track Pan" -> press "Track Pan" + press blinking to select one of 4 Rows then press blinking to select one of the 27 banks of 8
recall button config. at group creation/mod.	-> press "Track Pan" twice + press one blinking master track.
exit pan display reset	-> press "Track Pan" three times, or press "Stop" -> hold "Track Pan" > 2 sec.)

Info

engage info mode -> press "Info"
 audition track timbre -> press "Track"
 display track timbre -> press "Track"
 display number of track notes -> press "Track"
 display partial no. of voices&frames -> press "Partial"
 display sequence notes left -> press "Start"
 leave info mode -> press "Info" again

Midi

display keyb. routing / status -> press "Midi"
 set keyb. routing / status -> press "Midi" twice + dial
 toggle controllers send&receive -> hold "Midi" + toggle "RTE Buttons"
 send program change 1-64 -> hold "Midi" + "Bank+No." + "Entry+No."
 send program change 65-128 -> hold "Midi" + "Bank+No." + "Entry+Library+No."
 (Sending program changes is recorded in realtime if "Record" is lit.)
 set midi/skt funktion -> hold "Midi" + toggle "SKT"
 (Create MiPgm event on empty track.)
 send skt program change -> hold "SKT" + "Track"
 midi input recording:
 map midi in (keyb. or recorder) -> hold "Midi" + toggle "Poly. Mode"
 arm track for midi recording -> hold "Midi" + press "Track"
 display armed midi tracks -> hold "Midi"
 (During midi recording any V/PKeyb. notes are recorded on first avail
 or same timb. track. V/PK & midi notes are merged if rec. on same track)
 midi synchronization on/off -> hold "Ext Sync" + toggle "Midi"
 set midi sustain mode -> hold "Midi" + toggle "Perform"
 pressure-in conversion -> hold "Pressure" + press "Start" repeatedly

"SKT Blinking" or Link Mode

engage -> hold "SKT" + track button
 (Links track timbre to keyboard timbre, allows realtime tweaking
 while sequence is playing. Or: set midi track routing from V/P K.)
 keep edit -> press "SKT" let go + "STOP"
 discard edit -> hold "SKT" + "Stop"

Split Keyboard

set splitpoint / select upper timbre -> press "Split" + press key + recall timbre (If no key is pressed A3 is used as splitpoint.)
 set splitpoint / select lower timbre -> press "Split" + press key + recall timbre (Pressing only one key is sufficient for upper & lower.)
 move splitpoint -> press "Split" + press key + "Stop"

Partial Mapping&Blending (Keyb. Env.)

set upper end / fade area -> select partial(s) + "Keyb.Env. RIGHT" + press key (upper end) + press key (fade area)
 set lower end / fade area -> select partial(s) + "Keyb.Env. LEFT" + press key (lower end) + press key (fade area)

Mark

dial in -> press "Mark" + dial value
 set while play -> press "Mark" + "Continue"
 set on first track note -> hold "Mark" + "Track"
 on -> press "Mark" + "Start" (Sends midi song pointer when midi sync is on.)
 off -> press "Mark" + "Stop"
 clear -> hold "Mark" + empty "Track"

Routing & Bin Assignment

select keyb.-timb. or track -> hold "Track Routing" + press "Track" or key
 dial multi-output -> press "Track Routing" + dial
 dial right multi-output only -> hold "Track Routing" + dial
 poly bin assignment -> hold "Track Routing" + press "Timbre Entry" 1, 2 or 3 (Lit, if more than one bin available.)
 keyb.-timb. multi-output direct dial -> hold "Track Vol" + hold "Track Routing" + "Tracks" 1-16

Bounce Sequence to Poly-RAM Event

patch outputs to be bounced to STM inputs
 solo or unsolo tracks to be bounced (This can also be done during sequence playback to record different takes or similar.)
 set STM trigger mode to "ON" or "OFF" ("ON" = after you pressed "Record", recording is delayed until threshold is reached.)
 start sequence at locator -> press "Play"
 start recording to sequence and ram -> press "Record"
 stop recording and sequence -> press "Stop"
 stop recording only -> press "Record" (You can then press "Record" again to add next take on the next available track.)
 (Set an overall loop to do multiple takes of the same area.)
 exit L-page "record" mode -> press "Break" (ctrl + space)

Misc.

activate voice check display -> press "Polyphony Mode"
 (Or: S-page "Voice Check - On")
 reset voice check display -> hold "Polyphony Mode" + "Stop"
 set keyboard Time display mode -> hold "Mark" or "Start Loop" or "Insert" or "Delete" or "Track" + "Click Rate" repeatedly
 RTE look back amount -> press "Sequence Name" + dial
 (Sets how far back from playback start point RTEs are effective for playback.)
 step editing -> press "Ext. Sync" twice (sets ext. sync-on) then "Transpose" + "Start" then press "C3"