
ABBREVIATIONS

TR-8 -> Roland TR-8
MS-1 -> Behringer MS-1
TD-3 -> Behringer TD-3
mK-S -> MicroKorg S
VS-2 -> Korg Volca Sample 2
VFMS -> Korg Volca FM Synthesiser
JV-1080 -> Roland JV 1080
E-4 -> Roland E-4 Voice Tweaker
NTS-1 -> Korg NTS-1
KSP -> KeyStep Pro
BSP -> Beatstep Pro
UO2 -> Roland UM-ONE mk2
X1622 -> Behringer Xenyx X1622USB
QTHRU -> MIDI Solutions Quadra Thru
KMERGE -> Kenton Merge-4

MIDI SETUP

KSP MIDI OUT #1 -> KMERGE MIDI IN #1
KSP MIDI OUT #2 -> UO2
KSP CLOCK OUT -> BSP CLOCK IN
BSP MIDI OUT -> KMERGE MIDI IN #2
UO2 MIDI OUT -> KSP MIDI IN
UO2 -> COMPUTER USB

KMERGE MIDI OUT #1 -> QTHRU MIDI IN
KMERGE MIDI OUT #2 -> TR-8 MIDI IN

QTHRU MIDI THRU #1 -> JV1080 MIDI IN
QTHRU MIDI THRU #2 -> mK-S MIDI IN
QTHRU MIDI THRU #3 -> VS-2 MIDI IN
QTHRU MIDI THRU #4 -> VFMS MIDI IN
mK-S MIDI THRU -> E-4 MIDI IN
JV-1080 MIDI THRU -> NTS-1 MIDI IN

TR-8 MIDI THRU -> MS-1 MIDI IN
MS-1 MIDI THRU -> TD-3 MIDI IN

DEFAULT CHANNEL ASSIGNMENTS

NTS-1 -> MIDI CHANNEL #7
mK-S -> MIDI CHANNEL #8
JV1080 -> MIDI CHANNEL #9 [PERFORMANCE/PATCH]
JV1080 -> MIDI CHANNEL #10 [RHYTHM]
VS-2 -> MIDI CHANNEL #11
VFMS -> MIDI CHANNEL #12
E-4 -> MIDI CHANNEL #13
MS-1 -> MIDI CHANNEL #14
TD-3 -> MIDI CHANNEL #15
TR-8 -> MIDI CHANNEL #16

KSP SEQUENCER #1 -> MIDI CHANNEL #10 [JV1080-RHYTHM]
KSP DRUM -> MIDI CHANNEL #11 [VS-2]
KSP SEQUENCER #2 -> MIDI CHANNEL #8 [mK-S]
KSP SEQUENCER #3 -> MIDI CHANNEL #12 [VFMS]
KSP SEQUENCER #4 -> MIDI CHANNEL #9 [JV1080-PERF/PATCH]

BSP SEQUENCER #1 -> MIDI CHANNEL #14 [MS-1]
BSP SEQUENCER #2 -> MIDI CHANNEL #15 [TD-3]
BSP DRUM -> MIDI CHANNEL #16 [TR-8]

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| ***** |  
|  USB SETUP  |  
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USB #1 -> UO2
USB #2 -> X1622
USB #3 -> TR-8
USB #4 -> MS-1
USB #5 -> KSP
USB #6 -> BSP (or via POWER)
USB #7 -> TD-3

X1622 SETUP

X1622 MAIN OUT (2x 1/4" TS) -> 3D BOX IN (2x RCA)
X1622 FX RETURN (2x 1/4" TS) <- X
MS-1 OUT (1x 1/4" TS RED) -> X1622 IN #1 (1x 1/4" TS) [p1&5]
MS-1 EXT IN (1x 1/4" TS YELLOW) -> (1x 1/4" TS)
TD-3 OUT (1x 1/4" TS BLACK) -> X1622 IN #2 (1x 1/4" TS) [p2&6]
TD-3 EXT IN (1x 1/4" TS YELLOW) -> (1x 1/4" TS)
mK-S OUT (1x 1/4" TS WHITE) -> X1622 IN #3 (1x 1/4" TS) [p3&7]
mK-S EXT IN (1x 1/4" TS YELLOW) -> (1x 1/4" TS)
mK-S MIC IN (1x 1/4" TS BLUE) -> (1x 1/4" TS)
TR-8 OUT (1x 1/4" TS GREEN) -> X1622 IN #4 (1x 1/4" TS) [p4&8]
TR-8 EXT IN (1x 1/4" TS YELLOW) -> (1x 1/4" TS)
TR-8 EXT IN (2x 1/4" TS) -> (2x 1/4" TS)
VS-2 OUT (1x 1/8" TRS) -> X1622 IN #5/6 (2x 1/4" TS)
VFMS OUT (1x 1/8" TRS) -> X1622 IN #7/8 (2x 1/4" TS)
JV-1080 MIX OUT (2x 1/4" TS) -> X1622 IN #9/10 (2x 1/4" TS)
JV-1080 OUTPUT1 (2x 1/4" TS) -> X1622 AUX RETURN (2x 1/4" TS)
E-4 MIX OUT (1x 1/8" TRS) -> VMS4.1 MIDIALOG1 (2x 1/4" TS)
NTS-1 OUT (1x 1/8" TRS) -> VMS4.1 MIDIALOG4 (2x 1/4" TS)
VMS4.1 OUT (2x XLR) -> X1622 IN #11/12 (2x 1/4" TRS)
VMS4.1 MIC IN1 (XLR) <- X
VMS4.1 MIC IN2 (1x 1/4" TS) <- X
USB -> USB HUB #2

KSP SETUP

KNOB #1 (VS2)
MIDI 5
CC 91
LABEL REVERB

KNOB #2 (mKS)
MIDI 4
CC 71
LABEL RESONANCE

KNOB #3 (mKS)
MIDI 4
CC 72
LABEL RELEASE

KNOB #4 (VFMS)
MIDI 6
CC 43
LABEL DECAY

KNOB #5 (VFMS)
MIDI 6
CC 48
LABEL ALGORITHM

BSP SETUP

TR-8 (MUTE SELECTED DRUM
INSTRUMENT)

PAD #1 CC TOGGLE 24 127-0
PAD #2 CC TOGGLE 57 127-0
PAD #3 CC TOGGLE 29 127-0
PAD #4 CC TOGGLE 60 127-0
PAD #7 CC TOGGLE 63 127-0
PAD #8 CC TOGGLE 48 127-0
PAD #11 CC TOGGLE 82 127-0
PAD #12 CC TOGGLE 51 127-0
PAD #14 CC TOGGLE 85 127-0
PAD #15 CC TOGGLE 54 127-0
PAD #16 CC TOGGLE 88 127-0

KNOB #1 CC 20 (BD TUNE)
KNOB #2 CC 26 (SD SNAPPY)
KNOB #3 CC 55 (RS TUNE)
KNOB #4 CC 58 (CLAP TUNE)
KNOB #5 CC 61 (CH TUNE)
KNOB #6 CC 80 (OH TUNE)
KNOB #7 CC 83 (CY TONE)
KNOB #8 CC 86 (RC TUNE)
KNOB #9 CC 22 (BD COMP)
KNOB #10 CC 27 (SD COMP)
KNOB #11 CC 56 (RS DECAY)
KNOB #12 CC 59 (CLAP DECAY)
KNOB #13 CC 62 (CH DECAY)
KNOB #14 CC 81 (OH DECAY)
KNOB #15 CC 84 (CY DECAY)
KNOB #16 CC 87 (RC DECAY)