MIDI COMMANDS OF HERCULES DJCONTROL JOGVISION

The DJ controller has an input and an output data stream to communicate control and status changes to midi capable software.

Midi Messages

Midi Input – Note On Messages

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
LOOP_1_DA	90 00 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
LOOP_2_DA	90 01 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
LOOP_3_DA	90 02 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
AIR_FX_DA	90 03 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
FX_1_DA	90 04 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
FX_2_DA	90 05 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
FX_3_DA	90 06 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_LOOP_1_DA	90 08 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_LOOP_2_DA	90 09 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_LOOP_3_DA	90 0A Value	Button-Toggling Output	"7F" : Pressed – "00" : Released

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_AIR_FX_DA (LOOP)	90 0B Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_FX_1_DA	90 0C Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_FX_2_DA	90 0D Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_FX_3_DA	90 0E Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_AIR_FX_DA (FX)	90 0F Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
CUE14_KP1_DA	90 10 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE14_KP2_DA	90 11 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE14_KP3_DA	90 12 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE14_KP4_DA	90 13 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP1_DA	90 14 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP2_DA	90 15 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP3_DA	90 16 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP4_DA	90 17 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE14_KP1_DA	90 18 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE14_KP2_DA	90 19 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE14_KP3_DA	90 1A Value	Button-Velocity	00 > 7F : Slow to Fast Velocity

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_CUE14_KP4_DA	90 1B Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE58_KP1_DA	90 1C Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE58_KP2_DA	90 1D Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE58_KP3_DA	90 1E Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE58_KP4_DA	90 1F Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP1_DA	90 20 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP2_DA	90 21 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP3_DA	90 22 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP4_DA	90 23 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP1_DA	90 24 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP2_DA	90 25 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP3_DA	90 26 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP4_DA	90 27 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_KP1_DA	90 28 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_KP2_DA	90 29 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_KP3_DA	90 2A Value	Button-Velocity	00 > 7F : Slow to Fast Velocity

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_SAM_KP4_DA	90 2B Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_BK_KP1_DA	90 2C Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_BK_KP2_DA	90 2D Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_BK_KP3_DA	90 2E Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_BK_KP4_DA	90 2F Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SYNC_DA	90 30 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
CUE_DA	90 31 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
PLAY_DA	90 32 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
LISTEN_DA	90 33 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SLIP_DA	90 34 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_SYNC_DA	90 35 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_CUE_DA	90 36 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_PLAY_DA	90 37 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_LISTEN_DA	90 38 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_SLIP_DA	90 39 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
VINYL	90 45 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
	90 46 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
VIEW	90 47 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
LOAD_PREPARE	90 48 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_VINYL	90 49 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_VIEW	90 4A Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_LOAD_PREPARE	90 4B Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
HP_MIX	90 4C Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
HP_CUE	90 4D Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
MIC	90 4E Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
BROWSE_BTN	90 4F Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
MULTI_FX_DA	90 50 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
LOAD_DA	90 51 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_ MULTI_FX_DA	90 52 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_LOAD_DA	90 53 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
FX_DA	90 54 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
JOG_TOUCH_DA	90 55 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SHIFT_BTN_DA	90 56 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
MODE_DA	90 57 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
LOOP_1_DB	91 00 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
LOOP_2_DB	91 01 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
LOOP_3_DB	91 02 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
AIR_FX_DB	91 03 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
FX_1_DB	91 04 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
FX_2_DB	91 05 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
FX_3_DB	91 06 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_LOOP_1_DB	91 08 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_LOOP_2_DB	91 09 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_LOOP_3_DB	91 0A Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_AIR_FX_DB (LOOP)	91 0B Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_FX_1_DB	91 0C Value	Button-Toggling Output	“7F” : Pressed – “00” : Released

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_FX_2_DB	91 0D Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_FX_3_DB	91 0E Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SH_ AIR_FX_DB (FX)	91 0F Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
CUE14_KP1_DB	91 10 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE14_KP2_DB	91 11 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE14_KP3_DB	91 12 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE14_KP4_DB	91 13 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP1_DB	91 14 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP2_DB	91 15 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP3_DB	91 16 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
CUE58_KP4_DB	91 17 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE14_KP1_DB	91 18 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE14_KP2_DB	91 19 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE14_KP3_DB	91 1A Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE14_KP4_DB	91 1B Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE58_KP1_DB	91 1C Value	Button-Velocity	00 > 7F : Slow to Fast Velocity

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_CUE58_KP2_DB	91 1D Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE58_KP3_DB	91 1E Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_CUE58_KP4_DB	91 1F Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP1_DB	91 20 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP2_DB	91 21 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP3_DB	91 22 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_KP4_DB	91 23 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP1_DB	91 24 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP2_DB	91 25 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP3_DB	91 26 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SAM_BK_KP4_DB	91 27 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_KP1_DB	91 28 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_KP2_DB	91 29 Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_KP3_DB	91 2A Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_KP4_DB	91 2B Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_BK_KP1_DB	91 2C Value	Button-Velocity	00 > 7F : Slow to Fast Velocity

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_SAM_BK_ KP2_ DB	91 2D Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_BK_ KP3_DB	91 2E Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SH_SAM_BK_ KP4_DB	91 2F Value	Button-Velocity	00 > 7F : Slow to Fast Velocity
SYNC_DB	91 30 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
CUE_DB	91 31 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
PLAY_DB	91 32 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
LISTEN_DB	91 33 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SLIP_DB	91 34 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_SYNC_DB	91 35 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_CUE_DB	91 36 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_PLAY_DB	91 37 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_LISTEN_D B	91 38 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_SLIP_DB	91 39 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
MULTI_FX_DB	91 50 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
LOAD_DB	91 51 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released
SH_ MULTI_FX_DB	91 52 Value	Button-Toggling Output	"7F" : Pressed – "00" : Released

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_LOAD_DB	91 53 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
FX_DB	91 54 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
JOG_TOUCH_DB	91 55 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
SHIFT_BTN_DB	91 56 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released
MODE_DB	91 57 Value	Button-Toggling Output	“7F” : Pressed – “00” : Released

Midi Input – Control Change Messages

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
XFADER	B0 00 Value	Analog – Coarse (128 values)	00 > 7F : Full Left > Full Right
VOL_DA	B0 01 Value	Analog – Coarse (128 values)	00 > 7F : Full Down > Full Up
PITCH_DA	B0 02 Value	Analog – Coarse (128 values)	00 > 7F : Full Down > Full Up
TREB_DA	B0 03 Value	Analog – Coarse (128 values)	00 > 7F : Full CW : Full CCW
MED_DA	B0 04 Value	Analog – Coarse (128 values)	00 > 7F : Full CW : Full CCW
BASS_DA	B0 05 Value	Analog – Coarse (128 values)	00 > 7F : Full CW : Full CCW
AIR_CONTROL_DA	B0 0F Value	Analog – Coarse (128 values)	00 > 7F : Out of Range CW : Lowest
XFADER_LSB	B0 20 Value	Analog – Coarse (128 values)	LSB1te of associated data
VOL_DA_LSB	B0 21 Value	Analog – Coarse (128 values)	LSB1te of associated data
PITCH_DA_LSB	B0 22 Value	Analog – Coarse (128 values)	LSB1te of associated data

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
TREB_DA_LSB	B0 23 Value	Analog – Coarse (128 values)	LSB1te of associated data
MED_DA_LSB	B0 24 Value	Analog – Coarse (128 values)	LSB1te of associated data
BASS_DA_LSB	B0 25 Value	Analog – Coarse (128 values)	LSB1te of associated data
JOG_DA	B0 40 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
JOG_SCRATCH_DA	B0 41 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_JOG_DA	B0 42 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_JOG_SCRATCH_DA	B0 43 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
LOOP_ENC_DA	B0 44 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
LOOP_ENC2_DA	B0 45 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
FX_ENC_DA	B0 46 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
FX_ENC2_DA	B0 47 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
	B0 48 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
	B0 49 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_LOOP_ENC_DA	B0 4A Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_LOOP_ENC2_DA	B0 4B Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_FX_ENC_DA	B0 4C Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_FX_ENC2_DA	B0 4D Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
BROWSE_ENC	B0 4E Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_DA +BROWSE_ENC	B0 4F Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
KPAD_MODE_DA	B0 50 Value	Discrete – (4 values)	00 : Cues 1-4 Mode 01 : Samples Mode 02 : Cues 5-8 Mode 03 : Samples Bank Mode
CUE_MIX_MODE	B0 51 Value	Discret – (2 values)	00 : CUE button is pressed 7F : MIX button is pressed
VOL_DB	B1 01 Value	Analog – Coarse (128 values)	00 > 7F : Full Down > Full Up
PITCH_DB	B1 02 Value	Analog – Coarse (128 values)	00 > 7F : Full Down > Full Up

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
TREB_DB	B1 03 Value	Analog – Coarse (128 values)	00 > 7F : Full CW : Full CCW
MED_DB	B1 04 Value	Analog – Coarse (128 values)	00 > 7F : Full CW : Full CCW
BASS_DB	B1 05 Value	Analog – Coarse (128 values)	00 > 7F : Full CW : Full CCW
AIR_CONTROL_DB	B1 0F Value	Analog – Coarse (128 values)	00 > 7F : Out of Range CW : Lowest
VOL_DB_LSB	B1 21 Value	Analog – Coarse (128 values)	LSB1te of associated data
PITCH_DB_LSB	B1 22 Value	Analog – Coarse (128 values)	LSB1te of associated data
TREB_DB_LSB	B1 23 Value	Analog – Coarse (128 values)	LSB1te of associated data
MED_DB_LSB	B1 24 Value	Analog – Coarse (128 values)	LSB1te of associated data
BASS_DB_LSB	B1 25 Value	Analog – Coarse (128 values)	LSB1te of associated data
JOG_DB	B1 40 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
JOG_SCRATCH_DB	B1 41 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_JOG_DB	B1 42 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_JOG_SCRATCH_DB	B1 43 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
LOOP_ENC_DB	B1 44 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
LOOP_ENC2_DB	B1 45 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
FX_ENC_DB	B1 46 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
FX_ENC2_DB	B1 47 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
	B1 48 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
	B1 49 Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_LOOP_ENC_DB	B1 4A Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_LOOP_ENC2_DB	B1 4B Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_FX_ENC_DB	B1 4C Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_FX_ENC2_DB	B1 4D Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast
SH_DB +BROWSE_ENC	B1 4F Value	Incremental – Coarse (128 values)	7F > 40 : CCW Slow>Fast – 01 > 3F : CW Slow>Fast

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
KPAD_MODE_DB	B1 50 Value	Discrete – (4 values)	00 : Cues 1-4 Mode 01 : Samples Mode 02 : Cues 5-8 Mode 03 : Samples Bank Mode

Midi Input – Key Pressure (Aftertouch) Messages

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
CUE14_KP1_DA	A0 10 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE14_KP2_DA	A0 11 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE14_KP3_DA	A0 12 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE14_KP4_DA	A0 13 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP1_DA	A0 14 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP2_DA	A0 15 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP3_DA	A0 16 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP4_DA	A0 17 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP1_DA	A0 18 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP2_DA	A0 19 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP3_DA	A0 1A Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP4_DA	A0 1B Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE58_KP1_DA	A0 1C Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE58_KP2_DA	A0 1D Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE58_KP3_DA	A0 1E Value	Button-Pressure	00 > 7F : No to Full Pressure

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_CUE58_KP4_DA	A0 1F Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP1_DA	A0 20 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP2_DA	A0 21 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP3_DA	A0 22 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP4_DA	A0 23 Value	Button-Pressure	00 > 7F : No to Full Pressure
_KP1_DA	A0 24 Value	Button-Pressure	00 > 7F : No to Full Pressure
_KP2_DA	A0 25 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_BK_KP3_DA	A0 26 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_BK_KP4_DA	A0 27 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP1_DA	A0 28 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP2_DA	A0 29 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP3_DA	A0 2A Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP4_DA	A0 2B Value	Button-Pressure	00 > 7F : No to Full Pressure
_BK_KP1_DA	A0 2C Value	Button-Pressure	00 > 7F : No to Full Pressure
_BK_KP2_DA	A0 2D Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_BK_KP3_DA	A0 2E Value	Button-Pressure	00 > 7F : No to Full Pressure

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_SAM_BK_KP4_DA	A0 2F Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE14_KP1_DB	A1 10 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE14_KP2_DB	A1 11 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE14_KP3_DB	A1 12 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE14_KP4_DB	A1 13 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP1_DB	A1 14 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP2_DB	A1 15 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP3_DB	A1 16 Value	Button-Pressure	00 > 7F : No to Full Pressure
CUE58_KP4_DB	A1 17 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP1_DB	A1 18 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP2_DB	A1 19 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP3_DB	A1 1A Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE14_KP4_DB	A1 1B Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE58_KP1_DB	A1 1C Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE58_KP2_DB	A1 1D Value	Button-Pressure	00 > 7F : No to Full Pressure

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_CUE58_KP3_DB	A1 1E Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_CUE58_KP4_DB	A1 1F Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP1_DB	A1 20 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP2_DB	A1 21 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP3_DB	A1 22 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_KP4_DB	A1 23 Value	Button-Pressure	00 > 7F : No to Full Pressure
_KP1_DB	A1 24 Value	Button-Pressure	00 > 7F : No to Full Pressure
_KP2_DB	A1 25 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_BK_KP3_DB	A1 26 Value	Button-Pressure	00 > 7F : No to Full Pressure
SAM_BK_KP4_DB	A1 27 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP1_DB	A1 28 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP2_DB	A1 29 Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP3_DB	A1 2A Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_KP4_DB	A1 2B Value	Button-Pressure	00 > 7F : No to Full Pressure
_BK_KP1_DB	A1 2C Value	Button-Pressure	00 > 7F : No to Full Pressure
_BK_KP2_DB	A1 2D Value	Button-Pressure	00 > 7F : No to Full Pressure

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH_SAM_BK_KP3_DB	A1 2E Value	Button-Pressure	00 > 7F : No to Full Pressure
SH_SAM_BK_KP4_DB	A1 2F Value	Button-Pressure	00 > 7F : No to Full Pressure

Midi Output

Note On/Off Messages

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
LOOP_1_DA	90 00 Value	00 : OFF – 7F: ON
LOOP_2_DA	90 01 Value	00 : OFF – 7F: ON
LOOP_3_DA	90 02 Value	00 : OFF – 7F: ON
LOOP_4_DA	90 03 Value	00 : OFF – 7F: ON
FX_1_DA	90 04 Value	00 : OFF – 7F: ON
FX_2_DA	90 05 Value	00 : OFF – 7F: ON
FX_3_DA	90 06 Value	00 : OFF – 7F: ON
FX_4_DA	90 07 Value	00 : OFF – 7F: ON
SH_LOOP_1_DA	90 08 Value	00 : OFF – 7F: ON
SH_LOOP_2_DA	90 09 Value	00 : OFF – 7F: ON
SH_LOOP_3_DA	90 0A Value	00 : OFF – 7F: ON
SH_LOOP_4_DA	90 0B Value	00 : OFF – 7F: ON
SH_FX_1_DA	90 0C Value	00 : OFF – 7F: ON
SH_FX_2_DA	90 0D Value	00 : OFF – 7F: ON
SH_FX_3_DA	90 0E Value	00 : OFF – 7F: ON
SH_FX_4_DA	90 0F Value	00 : OFF – 7F: ON

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
CUE14_KP1_DA	90 10 Value	00 : OFF – 7F: ON + RGB CODE
CUE14_KP2_DA	90 11 Value	00 : OFF – 7F: ON + RGB CODE
CUE14_KP3_DA	90 12 Value	00 : OFF – 7F: ON + RGB CODE
CUE14_KP4_DA	90 13 Value	00 : OFF – 7F: ON + RGB CODE
CUE58_KP1_DA	90 14 Value	00 : OFF – 7F: ON + RGB CODE
CUE58_KP2_DA	90 15 Value	00 : OFF – 7F: ON + RGB CODE
CUE58_KP3_DA	90 16 Value	00 : OFF – 7F: ON + RGB CODE
CUE58_KP4_DA	90 17 Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP1_DA	90 18 Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP2_DA	90 19 Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP3_DA	90 1A Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP4_DA	90 1B Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP1_DA	90 1C Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP2_DA	90 1D Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP3_DA	90 1E Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP4_DA	90 1F Value	00 : OFF – 7F: ON + RGB CODE

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
SAM_KP1_DA	90 20 Value	00 : OFF – 7F: ON + RGB CODE
SAM_KP2_DA	90 21 Value	00 : OFF – 7F: ON + RGB CODE
SAM_KP3_DA	90 22 Value	00 : OFF – 7F: ON + RGB CODE
SAM_KP4_DA	90 23 Value	00 : OFF – 7F: ON + RGB CODE
SAM_BK_KP1_DA	90 24 Value	00 : OFF – 7F: ON + RGB CODE
SAM_BK_KP2_DA	90 25 Value	00 : OFF – 7F: ON + RGB CODE
SAM_BK_KP3_DA	90 26 Value	00 : OFF – 7F: ON + RGB CODE
SAM_BK_KP4_DA	90 27 Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP1_DA	90 28 Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP2_DA	90 29 Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP3_DA	90 2A Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP4_DA	90 2B Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP1_DA	90 2C Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP2_DA	90 2D Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP3_DA	90 2E Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP4_DA	90 2F Value	00 : OFF – 7F: ON + RGB CODE
SYNC_DA	90 30 Value	00 : OFF – 7F: ON

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
CUE_DA	90 31 Value	00 : OFF – 7F: ON
PLAY_DA	90 32 Value	00 : OFF – 7F: ON
LISTEN_DA	90 33 Value	00 : OFF – 7F: ON
SLIP_DA	90 34 Value	00 : OFF – 7F: ON
SH_SYNC_DA	90 35 Value	00 : OFF – 7F: ON
SH_CUE_DA	90 36 Value	00 : OFF – 7F: ON
SH_PLAY_DA	90 37 Value	00 : OFF – 7F: ON
SH_LISTEN_DA	90 38 Value	00 : OFF – 7F: ON
SH_SLIP_DA	90 39 Value	00 : OFF – 7F: ON
BEAT1_DA	90 3A Value	00 : OFF – 7F: ON
BEAT2_DA	90 3B Value	00 : OFF – 7F: ON
BEAT3_DA	90 3C Value	00 : OFF – 7F: ON
BEAT4_DA	90 3D Value	00 : OFF – 7F: ON
VMETER1_DA	90 3E Value	00 : OFF – 7F: ON
VMETER2_DA	90 3F Value	00 : OFF – 7F: ON
VMETER3_DA	90 40 Value	00 : OFF – 7F: ON
VMETER4_DA	90 41 Value	00 : OFF – 7F: ON
VMETER5_DA	90 42 Value	00 : OFF – 7F: ON
VMETER6_DA	90 43 Value	00 : OFF – 7F: ON
VMETER_LEVEL_DA	90 44 Value	00 : OFF xx : LEDs with number <= xx are ON 06 : All 6 LEDs ON
TRACK_DA	90 45 Value	00 : OFF – 7F: ON + RGB CODE
SCRATCH	90 46 Value	00 : OFF – 7F: ON
PANEL	90 47 Value	00 : OFF – 7F: ON
LOAD_PREPARE	90 48 Value	00 : OFF – 7F: ON
SH_SCRATCH	90 49 Value	00 : OFF – 7F: ON
SH_PANEL	90 4A Value	00 : OFF – 7F: ON
SH_LOAD_PREPARE	90 4B Value	00 : OFF – 7F: ON

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
HP_MIX	90 4C Value	00 : OFF – 7F: ON
HP_CUE	90 4D Value	00 : OFF – 7F: ON
PROJECTOR_DA	90 58 Value	00 : OFF – 7F: ON
LOOP_1_DB	91 00 Value	00 : OFF – 7F: ON
LOOP_2_DB	91 01 Value	00 : OFF – 7F: ON
LOOP_3_DB	91 02 Value	00 : OFF – 7F: ON
LOOP_4_DB	91 03 Value	00 : OFF – 7F: ON
FX_1_DB	91 04 Value	00 : OFF – 7F: ON
FX_2_DB	91 05 Value	00 : OFF – 7F: ON
FX_3_DB	91 06 Value	00 : OFF – 7F: ON
FX_4_DB	91 07 Value	00 : OFF – 7F: ON
SH_LOOP_1_DB	91 08 Value	00 : OFF – 7F: ON
SH_LOOP_2_DB	91 09 Value	00 : OFF – 7F: ON
SH_LOOP_3_DB	91 0A Value	00 : OFF – 7F: ON
SH_LOOP_4_DB	91 0B Value	00 : OFF – 7F: ON
SH_FX_1_DB	91 0C Value	00 : OFF – 7F: ON
SH_FX_2_DB	91 0D Value	00 : OFF – 7F: ON
SH_FX_3_DB	91 0E Value	00 : OFF – 7F: ON
SH_FX_4_DB	91 0F Value	00 : OFF – 7F: ON
CUE14_KP1_DB	91 10 Value	00 : OFF – 7F: ON + RGB CODE
CUE14_KP2_DB	91 11 Value	00 : OFF – 7F: ON + RGB CODE
CUE14_KP3_DB	91 12 Value	00 : OFF – 7F: ON + RGB CODE
CUE14_KP4_DB	91 13 Value	00 : OFF – 7F: ON + RGB CODE
CUE58_KP1_DB	91 14 Value	00 : OFF – 7F: ON + RGB CODE
CUE58_KP2_DB	91 15 Value	00 : OFF – 7F: ON + RGB CODE

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
CUE58_KP3_DB	91 16 Value	00 : OFF – 7F: ON + RGB CODE
CUE58_KP4_DB	91 17 Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP1_DB	91 18 Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP2_DB	91 19 Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP3_DB	91 1A Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE14_KP4_DB	91 1B Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP1_DB	91 1C Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP2_DB	91 1D Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP3_DB	91 1E Value	00 : OFF – 7F: ON + RGB CODE
SH_CUE58_KP4_DB	91 1F Value	00 : OFF – 7F: ON + RGB CODE
SAM_KP1_DB	91 20 Value	00 : OFF – 7F: ON + RGB CODE
SAM_KP2_DB	91 21 Value	00 : OFF – 7F: ON + RGB CODE
SAM_KP3_DB	91 22 Value	00 : OFF – 7F: ON + RGB CODE
SAM_KP4_DB	91 23 Value	00 : OFF – 7F: ON + RGB CODE
SAM_BK_KP1_DB	91 24 Value	00 : OFF – 7F: ON + RGB CODE
SAM_BK_KP2_DB	91 25 Value	00 : OFF – 7F: ON + RGB CODE

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
SAM_BK_KP3_DB	91 26 Value	00 : OFF – 7F: ON + RGB CODE
SAM_BK_KP4_DB	91 27 Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP1_DB	91 28 Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP2_DB	91 29 Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP3_DB	91 2A Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_KP4_DB	91 2B Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP1_DB	91 2C Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP2_DB	91 2D Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP3_DB	91 2E Value	00 : OFF – 7F: ON + RGB CODE
SH_SAM_BK_KP4_DB	91 2F Value	00 : OFF – 7F: ON + RGB CODE
SYNC_DB	91 30 Value	00 : OFF – 7F: ON
CUE_DB	91 31 Value	00 : OFF – 7F: ON
PLAY_DB	91 32 Value	00 : OFF – 7F: ON
LISTEN_DB	91 33 Value	00 : OFF – 7F: ON
SLIP_DB	91 34 Value	00 : OFF – 7F: ON
SH_SYNC_DB	91 35 Value	00 : OFF – 7F: ON
SH_CUE_DB	91 36 Value	00 : OFF – 7F: ON
SH_PLAY_DB	91 37 Value	00 : OFF – 7F: ON
SH_LISTEN_DB	91 38 Value	00 : OFF – 7F: ON
SH_SLIP_DB	91 39 Value	00 : OFF – 7F: ON
BEAT1_DB	91 3A Value	00 : OFF – 7F: ON
BEAT2_DB	91 3B Value	00 : OFF – 7F: ON
BEAT3_DB	91 3C Value	00 : OFF – 7F: ON

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
BEAT4_DB	91 3D Value	00 : OFF – 7F: ON
VMETER1_DB	91 3E Value	00 : OFF – 7F: ON
VMETER2_DB	91 3F Value	00 : OFF – 7F: ON
VMETER3_DB	91 40 Value	00 : OFF – 7F: ON
VMETER4_DB	91 41 Value	00 : OFF – 7F: ON
VMETER5_DB	91 42 Value	00 : OFF – 7F: ON
VMETER6_DB	91 43 Value	00 : OFF – 7F: ON
VMETER_LEVEL_DB	91 44 Value	00 : OFF xx : LEDs with number <= xx are ON 06 : All 6 LEDs ON
TRACK_DB	91 45 Value	00 : OFF – 7F: ON + RGB CODE
PROJECTOR_DB	91 58 Value	00 : OFF – 7F: ON

Detailed Description of RGB code Keypads

Note On Value	Function	INFORMATION
00	OFF	RGB(0, 0, 0)
01	RED	RGB(204, 0, 0)
02	DEEP ORANGE	RGB(204, 68, 0)
03	LIGHT ORANGE	RGB(204, 136, 0)
04	YELLOW	RGB(204, 204, 0)
05	LAWNGREEN	RGB(136, 204, 0)
06	MIDDLE GREEN	RGB(68, 204, 0)
07	FULL GREEN	RGB(0, 204, 0)
08	DEEP GREEN	RGB(0, 204, 68)
09	EMERALD	RGB(0, 204, 136)
0A	CYAN	RGB(0, 204, 204)
0B	LIGHT BLUE	RGB(0, 136, 204)
0C	MEDIUM BLUE	RGB(0, 68, 204)
0D	DEEP BLUE	RGB(0, 0, 204)
0E	VIOLET	RGB(68,0, 204)
0F	PURPLE	RGB(136, 0, 204)
10	MAGENTA	RGB(204, 0, 204)
11	CRIMSON	RGB(204, 0, 136)
12	SCARLET	RGB(204, 0, 68)
13	WHITE	RGB(255, 255, 255)
21	RED + LOW LIGHTNESS	RGB(204, 0, 0)
22	DEEP ORANGE + LOW LIGHTNESS	RGB(204, 68, 0)
23	LIGHT ORANGE + LOW LIGHTNESS	RGB(204, 136, 0)
24	YELLOW + LOW LIGHTNESS	RGB(204, 204, 0)
25	LAWNGREEN + LOW LIGHTNESS	RGB(136, 204, 0)

Note On Value	Function	INFORMATION
26	MIDDLE GREEN + LOW LIGHTNESS	RGB(68, 204, 0)
27	FULL GREEN + LOW LIGHTNESS	RGB(0, 204, 0)
28	DEEP GREEN + LOW LIGHTNESS	RGB(0, 204, 68)
29	EMERALD + LOW LIGHTNESS	RGB(0, 204, 136)
2A	CYAN + LOW LIGHTNESS	RGB(0, 204, 204)
2B	LIGHT BLUE + LOW LIGHTNESS	RGB(0, 136, 204)
2C	MEDIUM BLUE + LOW LIGHTNESS	RGB(0, 68, 204)
2D	DEEP BLUE + LOW LIGHTNESS	RGB(0, 0, 204)
2E	VIOLET + LOW LIGHTNESS	RGB(68,0, 204)
2F	PURPLE + LOW LIGHTNESS	RGB(136, 0, 204)
30	MAGENTA + LOW LIGHTNESS	RGB(204, 0, 204)
31	CRIMSON + LOW LIGHTNESS	RGB(204, 0, 136)
32	SCARLET + LOW LIGHTNESS	RGB(204, 0, 68)
33	WHITE + LOW LIGHTNESS	RGB(255, 255, 255)
41	RED + BLINK	RGB(204, 0, 0)
42	DEEP ORANGE + BLINK	RGB(204, 68, 0)
43	LIGHT ORANGE + BLINK	RGB(204, 136, 0)
44	YELLOW + BLINK	RGB(204, 204, 0)
45	LAWNGREEN + BLINK	RGB(136, 204, 0)
46	MIDDLE GREEN + BLINK	RGB(68, 204, 0)
47	FULL GREEN + BLINK	RGB(0, 204, 0)
48	DEEP GREEN + BLINK	RGB(0, 204, 68)

Note On Value	Function	INFORMATION
49	EMERALD + BLINK	RGB(0, 204, 136)
4A	CYAN + BLINK	RGB(0, 204, 204)
4B	LIGHT BLUE + BLINK	RGB(0, 136, 204)
4C	MEDIUM BLUE + BLINK	RGB(0, 68, 204)
4D	DEEP BLUE + BLINK	RGB(0, 0, 204)
4E	VIOLET + BLINK	RGB(68,0, 204)
4F	PURPLE + BLINK	RGB(136, 0, 204)
50	MAGENTA + BLINK	RGB(204, 0, 204)
51	CRIMSON + BLINK	RGB(204, 0, 136)
52	SCARLET + BLINK	RGB(204, 0, 68)
53	WHITE + BLINK	RGB(255, 255, 255)
60	RGB ANIMATION	
61	LOW LIGHTNESS + RGB ANIMATION	
62	REVERSE RGB ANIMATION	
63	BLINK + RGB ANIMATION	
64	RED ANIMATION	
65	LOW LIGHTNESS + RED ANIMATION	
66	REVERSE RED ANIMATION	
67	BLINK + RED ANIMATION	
68	GREEN ANIMATION	
69	LOW LIGHTNESS + GREEN ANIMATION	
6A	REVERSE GREEN ANIMATION	
6B	BLINK + GREEN ANIMATION	
6C	BLUE ANIMATION	

Note On Value	Function	INFORMATION
6D	LOW LIGHTNESS + BLUE ANIMATION	
6E	REVERSE BLUE ANIMATION	
6F	BLINK + BLUE ANIMATION	
7F	PREDEFINED COLOR B1 HERCULES	DIFFERENT COLOR PER MODE - Cues1-4: Orange - Samples: Red - Cues 5-8: Blue Sample Bank: Green DIFFERENT COLOR PER MODES

Control Change Messages

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION	COMMENTS
KPAD_MODE_DA	B0 50 Value	00 : Cues 1-4 Mode 01 : Samples Mode 02 : Cues 5-8 Mode 03 : Samples Bank Mode	Set the Deck A KeyPads mode.
LIGHT-CHASER 32 DA Software control	B0 60 Value	00 : ALL LEDS OFF 01 : LED 1 is ON 40 : LED 16 is ON 7F : LED 32 is ON	This command allows software handling of vinyl rotation simulation
LIGHT-CHASER 16 DA Software control	B0 61 Value	00 : ALL LEDS OFF 01 : LED 1 is ON 40: LED 1->LED 8 are ON 7F: ALL 16 LEDs are ON	This control can be used to show current playback position inside an audio track.
LIGHT-CHASER 32 DA Firmware control	B0 62 Value	00 = OFF 7F = ON	Enable/Disable the firmware control of the 32 leds ring rotation
LIGHT-CHASER 32 DA Speed	B0 63 Value	00 > 7F 00 = Stop 40 = Full speed 7F = Double speed	This command only works if Firmware control of 32 leds ring is enabled (B0 62 7F).

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION	COMMENTS
SCRATCH_MODE	B0 7E Value	00 : OFF (JOG MODE) 7F : SCRATCH MODE is ON	This will affect the jogs leds handling when the metal plate will be touched. This is a setting that affects both Decks.
UPDATE ALL CONTROLS	B0 7F Value	00 : OFF – 7F: ON [1]	
KPAD_MODE_DA	B1 50 Value	00 : Cues 1-4 Mode 01 : Samples Mode 02 : Cues 5-8 Mode 03 : Samples Bank Mode	Set the Deck B KeyPads mode.
LIGHT-CHASER 32 DB	B1 60 Value	00 : ALL LEDS OFF 01 : LED 1 is ON 40 : LED 16 is ON 7F : LED 32 is ON	Please note that only one led is ON at a time when the value is non-zero. This allow software handling of vinyl rotation.

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION	COMMENTS
LIGHT-CHASER 16 DB	B1 61 Value	00 : ALL LEDS OFF 01 : LED 1 is ON 40: LED 1->LED 8 are ON 7F: ALL 16 LEDs are ON	This control can be used to show current playback position inside an audio track.
LIGHT-CHASER 32 DB Firmware control	B1 62 Value	00 = OFF 7F = ON	Enable/Disable the firmware control of the 32 leds ring rotation
LIGHT-CHASER 32 DB Speed	B1 63 Value	00 > 7F 00 = Stop 40 = Full speed 7F = Double speed	This command only works if Firmware control of 32 leds ring is enabled (B1 62 7F).

1. All analogs without a rest position will be reported – The current KPADs modes are also sent at the same time.

(1) = All analogs with no rest position will be reported.