

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

The DJ controller has a MIDI input virtual port and a MIDI output virtual port to

- send controls to MIDI software,
- receive status changes from MIDI software.

MIDI Input commands

Input commands are the commands the DJ controller sends to the DJ software.

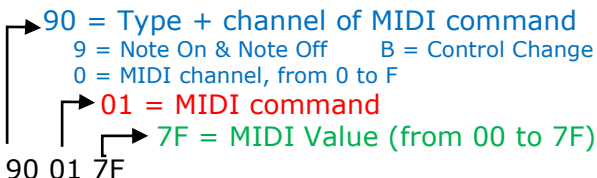
MIDI Output commands

Output commands are the commands the DJ software sends to the DJ controller, to change LED status.

Hexadecimal format

MIDI commands hereafter are in hexadecimal format. With software using MIDI decimal values, convert commands & values in decimal value.

How to read the commands



1) MIDI INPUT

a) Note On Messages

i. Global

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
BROWSE_PUS H	90 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
BEATMATCH_ GUIDE	90 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PFL_MASTER	90 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
ASSISTANT	90 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released

ii. Global + Shift

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + BRO- WSE_PUSH	93 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + BEATMA- TCH_GUIDE	90 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + PFL_MASTER	93 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + ASSISTANT	90 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released

iii. Deck A

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
FX_ON_A	91 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SLIP_A	91 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
QUANTIZE_A	91 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
VINYL_A	91 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SHIFT_A	91 04 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SYNC_A	91 05 Value	Button-Toggling Output	"7F": Pressed – "00": Released
CUE_A	91 06 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PLAY_A	91 07 Value	Button-Toggling Output	"7F": Pressed – "00": Released
JOG_TOUCH_A	91 08 Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOOP_IN	91 09 Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOOP_OUT	91 0A Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOOP_IN_(Lo ng Press)	91 0B Value	Button-Toggling Output	"7F": Pressed – "00": Released
PFL_A	91 0C Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOAD_A	91 0D Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
LOAD_A_(Long Press)	91 0E Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE1_A	91 0F Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE2_A	91 10 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE3_A	91 11 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE4_A	91 12 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE5_A_(Long Press)	91 13 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE6_A_(Long Press)	91 14 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE7_A_(Long Press)	91 15 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE8_A_(Long Press)	91 16 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_1A	91 25 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_2A	91 26 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_3A	91 27 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_4A	91 28 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_5A	91 29 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_6A	91 2A Value	Button-Toggling Output	"7F": Pressed – "00": Released
FX2_ON_A	91 2B Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_A (MODE1)	96 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE1)	96 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE1)	96 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE1)	96 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE1)	96 04 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE1)	96 05 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE1)	96 06 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE1)	96 07 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_A (MODE2)	96 10 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE2)	96 11 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE2)	96 12 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE2)	96 13 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE2)	96 14 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE2)	96 15 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE2)	96 16 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE2)	96 17 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_A (MODE3)	96 20 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE3)	96 21 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE3)	96 22 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE3)	96 23 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE3)	96 24 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE3)	96 25 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE3)	96 26 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE3)	96 27 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_A (MODE4)	96 30 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE4)	96 31 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE4)	96 32 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE4)	96 33 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE4)	96 34 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE4)	96 35 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE4)	96 36 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE4)	96 37 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_A (MODE5)	96 40 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE5)	96 41 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE5)	96 42 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE5)	96 43 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE5)	96 44 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE5)	96 45 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE5)	96 46 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE5)	96 47 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_A (MODE6)	96 50 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE6)	96 51 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE6)	96 52 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE6)	96 53 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE6)	96 54 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE6)	96 55 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE6)	96 56 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE6)	96 57 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_A (MODE7)	96 60 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE7)	96 61 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE7)	96 62 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE7)	96 63 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE7)	96 64 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE7)	96 65 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE7)	96 66 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE7)	96 67 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_A (MODE8)	96 70 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_A (MODE8)	96 71 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_A (MODE8)	96 72 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_A (MODE8)	96 73 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_A (MODE8)	96 74 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_A (MODE8)	96 75 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_A (MODE8)	96 76 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_A (MODE8)	96 77 Value	Button-Toggling Output	"7F": Pressed – "00": Released

iv. Deck A + Shift

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + FX_ON_A	94 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + SLIP_A	94 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + QUANTIZE_A	94 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + VINYL_A	94 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + SHIFT_A	91 04 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + SYNC_A	94 05 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + CUE_A	94 06 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + PLAY_A	94 07 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + JOG_TOUCH_A	94 08 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOOP_IN	94 09 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOOP_OUT	94 0A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOOP_IN_(Long Press)	94 0C Value	Button-Toggling Output	"7F": Pressed – "00": Released

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MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + LOOP_IN_(Lo ng Press)	94 0C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + PFL_A	94 0D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOAD_A	91 0F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOAD_A_(Lon g Press)	91 10 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE1_A	91 11 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE2_A	91 12 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE3_A	91 13 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE4_A	91 14 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE5_A_(L ong Press)	91 15 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE6_A_(L ong Press)	91 16 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_A (MODE1)	96 08 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P2_A (MODE1)	96 09 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE1)	96 0A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_A (MODE1)	96 0B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE1)	96 0C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_A (MODE1)	96 0D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_A (MODE1)	96 0E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE1)	96 0F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_A (MODE2)	96 18 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_A (MODE2)	96 19 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE2)	96 1A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_A (MODE2)	96 1B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE2)	96 1C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_A (MODE2)	96 1D Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P7_A (MODE2)	96 1E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE2)	96 1F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_A (MODE3)	96 28 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_A (MODE3)	96 29 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE3)	96 2A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_A (MODE3)	96 2B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE3)	96 2C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_A (MODE3)	96 2D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_A (MODE3)	96 2E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE3)	96 2F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_A (MODE4)	96 38 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_A (MODE4)	96 39 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE4)	96 3A Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P4_A (MODE4)	96 3B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE4)	96 3C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_A (MODE4)	96 3D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_A (MODE4)	96 3E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE4)	96 3F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_A (MODE5)	96 48 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_A (MODE5)	96 49 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE5)	96 4A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_A (MODE5)	96 4B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE5)	96 4C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_A (MODE5)	96 4D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_A (MODE5)	96 4E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE5)	96 4F Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P1_A (MODE6)	96 58 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_A (MODE6)	96 59 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE6)	96 5A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_A (MODE6)	96 5B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE6)	96 5C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_A (MODE6)	96 5D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_A (MODE6)	96 5E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE6)	96 5F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_A (MODE7)	96 68 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_A (MODE7)	96 69 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE7)	96 6A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_A (MODE7)	96 6B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE7)	96 6C Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P6_A (MODE7)	96 6D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_A (MODE7)	96 6E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE7)	96 6F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_A (MODE8)	96 78 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_A (MODE8)	96 79 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_A (MODE8)	96 7A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_A (MODE8)	96 7B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_A (MODE8)	96 7C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_A (MODE8)	96 7D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_A (MODE8)	96 7E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_A (MODE8)	96 7F Value	Button-Toggling Output	"7F": Pressed – "00": Released

v. Deck B

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
FX_ON_B	92 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SLIP_B	92 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
QUANTIZE_B	92 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
VINYL_B	92 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SHIFT_B	92 04 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SYNC_B	92 05 Value	Button-Toggling Output	"7F": Pressed – "00": Released
CUE_B	92 06 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PLAY_B	92 07 Value	Button-Toggling Output	"7F": Pressed – "00": Released
JOG_TOUCH_B	92 08 Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOOP_IN_B	92 09 Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOOP_OUT_B	92 0A Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOOP_IN_B_(Long Press)	92 0B Value	Button-Toggling Output	"7F": Pressed – "00": Released
PFL_B	92 0C Value	Button-Toggling Output	"7F": Pressed – "00": Released
LOAD_B	92 0D Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
LOAD_B_(Long Press)	92 0E Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE1_B	92 0F Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE2_B	92 10 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE3_B	92 11 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE4_B	92 12 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE5_B_(Long Press)	92 13 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE6_B_(Long Press)	92 14 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE7_B_(Long Press)	92 15 Value	Button-Toggling Output	"7F": Pressed – "00": Released
MODE8_B_(Long Press)	92 16 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_1B	92 25 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_2B	92 26 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_3B	92 27 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_4B	92 28 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_5B	92 29 Value	Button-Toggling Output	"7F": Pressed – "00": Released
PADFX_SELECT_6B	92 2A Value	Button-Toggling Output	"7F": Pressed – "00": Released
FX2_ON_B	92 2B Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_B (MODE1)	97 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE1)	97 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE1)	97 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE1)	97 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE1)	97 04 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE1)	97 05 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE1)	97 06 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE1)	97 07 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_B (MODE2)	97 10 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE2)	97 11 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE2)	97 12 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE2)	97 13 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE2)	97 14 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE2)	97 15 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE2)	97 16 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE2)	97 17 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_B (MODE3)	97 20 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE3)	97 21 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE3)	97 22 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE3)	97 23 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE3)	97 24 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE3)	97 25 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE3)	97 26 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE3)	97 27 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_B (MODE4)	97 30 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE4)	97 31 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE4)	97 32 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE4)	97 33 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE4)	97 34 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE4)	97 35 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE4)	97 36 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE4)	97 37 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_B (MODE5)	97 40 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE5)	97 41 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE5)	97 42 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE5)	97 43 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE5)	97 44 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE5)	97 45 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE5)	97 46 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE5)	97 47 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_B (MODE6)	97 50 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE6)	97 51 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE6)	97 52 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE6)	97 53 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE6)	97 54 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE6)	97 55 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE6)	97 56 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE6)	97 57 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
P1_B (MODE7)	97 60 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE7)	97 61 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE7)	97 62 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE7)	97 63 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE7)	97 64 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE7)	97 65 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE7)	97 66 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE7)	97 67 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P1_B (MODE8)	97 70 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P2_B (MODE8)	97 71 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P3_B (MODE8)	97 72 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P4_B (MODE8)	97 73 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P5_B (MODE8)	97 74 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P6_B (MODE8)	97 75 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P7_B (MODE8)	97 76 Value	Button-Toggling Output	"7F": Pressed – "00": Released
P8_B (MODE8)	97 77 Value	Button-Toggling Output	"7F": Pressed – "00": Released

vi. Deck B + Shift

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + FX_ON_B	94 00 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + SLIP_B	94 01 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + QUANTIZE_B	94 02 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + VINYL_B	94 03 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + SHIFT_B	92 04 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + SYNC_B	94 05 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + CUE_B	94 06 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + PLAY_B	94 07 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + JOG_TOUCH_B	94 08 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOOP_IN_B	94 09 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOOP_OUT_B	94 0A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOOP_IN_B_(Long Press)	N/A		

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + PFL_B	94 0C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOAD_B	94 0D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + LOAD_B_(Long Press)	N/A		
SH + MODE1_B	92 0F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE2_B	92 10 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE3_B	92 11 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE4_B	92 12 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE5_B_(Long Press)	92 13 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE6_B_(Long Press)	92 14 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE7_B_(Long Press)	92 15 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + MODE8_B_(Long Press)	92 16 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P1_B (MODE1)	97 08 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE1)	97 09 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_B (MODE1)	97 0A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE1)	97 0B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_B (MODE1)	97 0C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_B (MODE1)	97 0D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE1)	97 0E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_B (MODE1)	97 0F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_B (MODE2)	97 18 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE2)	97 19 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_B (MODE2)	97 1A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE2)	97 1B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_B (MODE2)	97 1C Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P6_B (MODE2)	97 1D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE2)	97 1E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_B (MODE2)	97 1F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_B (MODE3)	97 28 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE3)	97 29 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_B (MODE3)	97 2A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE3)	97 2B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_B (MODE3)	97 2C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_B (MODE3)	97 2D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE3)	97 2E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_B (MODE3)	97 2F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_B (MODE4)	97 38 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE4)	97 39 Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P3_B (MODE4)	97 3A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE4)	97 3B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_B (MODE4)	97 3C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_B (MODE4)	97 3D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE4)	97 3E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_B (MODE4)	97 3F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_B (MODE5)	97 48 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE5)	97 49 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_B (MODE5)	97 4A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE5)	97 4B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_B (MODE5)	97 4C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_B (MODE5)	97 4D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE5)	97 4E Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P8_B (MODE5)	97 4F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_B (MODE6)	97 58 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE6)	97 59 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_B (MODE6)	97 5A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE6)	97 5B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_B (MODE6)	97 5C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_B (MODE6)	97 5D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE6)	97 5E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_B (MODE6)	97 5F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_B (MODE7)	97 68 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE7)	97 69 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_B (MODE7)	97 6A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE7)	97 6B Value	Button-Toggling Output	"7F": Pressed – "00": Released

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + P5_B (MODE7)	97 6C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_B (MODE7)	97 6D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE7)	97 6E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_B (MODE7)	97 6F Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P1_B (MODE8)	97 78 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P2_B (MODE8)	97 79 Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P3_B (MODE8)	97 7A Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P4_B (MODE8)	97 7B Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P5_B (MODE8)	97 7C Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P6_B (MODE8)	97 7D Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P7_B (MODE8)	97 7E Value	Button-Toggling Output	"7F": Pressed – "00": Released
SH + P8_B (MODE8)	97 7F Value	Button-Toggling Output	"7F": Pressed – "00": Released

b) Control Change Messages

i. Global

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
XFADER	B0 00 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
XFADER_LSB	B0 20 Value	Analog - Coarse (128 values)	LSByte of associated data
BROWSE_ENC	B0 01 Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
BROWSE_ENC_ASSISTANT	B0 02 Value	Incremental - Coarse (24values) Different MIDI command while pressing NRJ Button	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
VOL_MASTER	B0 03 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
VOL_MASTER_LSB	B0 23 Value	Analog - Coarse (128 values)	LSByte of associated data
VOL_HDP	B0 04 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
VOL_HDP_LSB	B0 24 Value	Analog - Coarse (128 values)	LSByte of associated data

ii. Global + Shift

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
XFADER	B0 00 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
XFADER_LSB	B0 20 Value	Analog - Coarse (128 values)	LSByte of associated data
BROWSE_ENC	B3 01 Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
BROWSE_ENC_ASSISTANT	B0 02 Value	Incremental - Coarse (24values) Different MIDI command while pressing NRJ Button	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
VOL_MASTER	B0 03 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
VOL_MASTER_LSB	B0 23 Value	Analog - Coarse (128 values)	LSByte of associated data
VOL_HDP	B0 04 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
VOL_HDP_LSB	B0 24 Value	Analog - Coarse (128 values)	LSByte of associated data

iii. Deck A

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
VOL_A	B1 00 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
FILTER_A	B1 01 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
LOW_A	B1 02 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
MID_A	B1 03 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
HIGH_A	B1 04 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
GAIN_A	B1 05 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
FX_LVL_A	B1 06 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
DRY_WET_A	B1 07 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
PITCH_DA	B1 08 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
JOG_A	B1 09 Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
JOG_SCRATC H_A	B1 0A Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
JOG_PADSCRATCH_A	B1 0C Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
PAD_FX_1&2_A	B1 0D Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
VOL_A_LSB	B1 20 Value	Analog - Coarse (128 values)	LSByte of associated data
FILTER_A_LSB	B1 21 Value	Analog - Coarse (128 values)	LSByte of associated data
LOW_A_LSB	B1 22 Value	Analog - Coarse (128 values)	LSByte of associated data
MID_A_LSB	B1 23 Value	Analog - Coarse (128 values)	LSByte of associated data
HIGH_A_LSB	B1 24 Value	Analog - Coarse (128 values)	LSByte of associated data
GAIN_A_LSB	B1 25 Value	Analog - Coarse (128 values)	LSByte of associated data
FX_LVL_A_LSB	B1 26 Value	Analog - Coarse (128 values)	LSByte of associated data
DRY_WET_A_LSB	B1 27 Value	Analog - Coarse (128 values)	LSByte of associated data
PITCH_A_LSB	B1 28 Value	Analog - Coarse (128 values)	LSByte of associated data
PAD_FX_1&2_A_LSB	B1 2D Value	Analog - Coarse (128 values)	LSByte of associated data

iv. Deck A + Shift

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + VOL_A	B4 00 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + FILTER_A	B4 01 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + LOW_A	B4 02 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + MID_A	B4 03 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + HIGH_A	B4 04 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + GAIN_A	B4 05 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + FX_LVL_A	B4 06 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + DRY_WET_A	B4 07 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + PITCH_DA	B4 08 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + JOG_A	B4 09 Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
SH + JOG_SCRATCH _A	B4 0A Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + VOL_A_LSB	B4 20 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + FILTER_A_LSB	B4 21 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + LOW_A_LSB	B4 22 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + MID_A_LSB	B4 23 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + HIGH_A_LSB	B4 24 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + GAIN_A_LSB	B4 25 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + FX_LVL_A_LSB	B4 26 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + DRY_WET_A_L SB	B4 27 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + PITCH_A_LSB	B4 28 Value	Analog - Coarse (128 values)	LSByte of associated data

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

v. Deck B

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
VOL_B	B2 00 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
FILTER_B	B2 01 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
LOW_B	B2 02 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
MID_B	B2 03 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
HIGH_B	B2 04 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
GAIN_B	B2 05 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
FX_LVL_B	B2 06 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
DRY_WET_B	B2 07 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
PITCH_B	B2 08 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
JOG_B	B2 09 Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
JOG_SCRATCH_B	B2 0A Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
JOG_PAD_B	B2 0B Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
JOG_PADSCRATCH_B	B2 0C Value	Incremental - Coarse	7F > 40: CCW Slow>Fast

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

		(24values)	01 > 3F: CW Slow>Fast
PAD_FX_1&2_B	B2 0D Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
VOL_B_LSB	B2 20 Value	Analog - Coarse (128 values)	LSByte of associated data
FILTER_B_LSB	B2 21 Value	Analog - Coarse (128 values)	LSByte of associated data
LOW_B_LSB	B2 22 Value	Analog - Coarse (128 values)	LSByte of associated data
MID_B_LSB	B2 23 Value	Analog - Coarse (128 values)	LSByte of associated data
HIGH_B_LSB	B2 24 Value	Analog - Coarse (128 values)	LSByte of associated data
GAIN_B_LSB	B2 25 Value	Analog - Coarse (128 values)	LSByte of associated data
FX_LVL_B_LSB	B2 26 Value	Analog - Coarse (128 values)	LSByte of associated data
DRY_WET_B_LSB	B2 27 Value	Analog - Coarse (128 values)	LSByte of associated data
PITCH_B_LSB	B2 28 Value	Analog - Coarse (128 values)	LSByte of associated data

vi. Deck B + Shift

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + VOL_B	B5 00 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + FILTER_B	B5 01 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + LOW_B	B5 02 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + MID_B	B5 03 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + HIGH_B	B5 04 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + GAIN_B	B5 05 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + FX_LVL_B	B5 06 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + DRY_WET_B	B5 07 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + PITCH_B	B5 08 Value	Analog - Coarse (128 values)	00 > 7F: Full Left > Full Right
SH + JOG_B	B5 09 Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast
SH + JOG_SCRATCH _B	B5 0A Value	Incremental - Coarse (24values)	7F > 40: CCW Slow>Fast 01 > 3F: CW Slow>Fast

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	MESSAGE	MESSAGE TYPE	VALUE DESCRIPTION
SH + VOL_B_LSB	B5 20 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + FILTER_B_LSB	B5 21 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + LOW_B_LSB	B5 22 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + MID_B_LSB	B5 23 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + HIGH_B_LSB	B5 24 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + GAIN_B_LSB	B5 25 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + FX_LVL_B_LSB	B5 26 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + DRY_WET_B_ LSB	B5 27 Value	Analog - Coarse (128 values)	LSByte of associated data
SH + PITCH_B_LSB	B5 28 Value	Analog - Coarse (128 values)	LSByte of associated data

2) MIDI OUTPUT (LEDs)

i. Global

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
ASSISTANT	90 03 Value	"7F" : On – "00" : Off

(LEDs in Master & Beatmatch Guides keys are hardware controlled).

ii. Deck A

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
FX_ON_A	91 00 Value	"7F": On – "00": Off
SLIP_A	91 01 Value	"7F": On – "00": Off
QUANTIZE_A	91 02 Value	"7F": On – "00": Off
VINYL_A	91 03 Value	"7F": On – "00": Off
SYNC_A	91 05 Value	"7F": On – "00": Off
CUE_A	91 06 Value	"7F": On – "00": Off
PLAY_A	91 07 Value	"7F": On – "00": Off
LOOP_IN	91 09 Value	"7F": On – "00": Off
LOOP_OUT	91 0A Value	"7F": On – "00": Off
PFL_A	91 0C Value	"7F": On – "00": Off
P1_A (MODE1)	96 00 Value	"7F": On – "00": Off
P2_A (MODE1)	96 01 Value	"7F": On – "00": Off
P3_A (MODE1)	96 02 Value	"7F": On – "00": Off
P4_A (MODE1)	96 03 Value	"7F": On – "00": Off
P5_A (MODE1)	96 04 Value	"7F": On – "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
P8_A (MODE8)	96 77 Value	"7F": On - "00": Off
P6_A (MODE1)	96 05 Value	"7F": On - "00": Off
P7_A (MODE1)	96 06 Value	"7F": On - "00": Off
P8_A (MODE1)	96 07 Value	"7F": On - "00": Off
P1_A (MODE2)	96 10 Value	"7F": On - "00": Off
P2_A (MODE2)	96 11 Value	"7F": On - "00": Off
P3_A (MODE2)	96 12 Value	"7F": On - "00": Off
P4_A (MODE2)	96 13 Value	"7F": On - "00": Off
P5_A (MODE2)	96 14 Value	"7F": On - "00": Off
P6_A (MODE2)	96 15 Value	"7F": On - "00": Off
P7_A (MODE2)	96 16 Value	"7F": On - "00": Off
P8_A (MODE2)	96 17 Value	"7F": On - "00": Off
P1_A (MODE3)	96 20 Value	"7F": On - "00": Off
P2_A (MODE3)	96 21 Value	"7F": On - "00": Off
P3_A (MODE3)	96 22 Value	"7F": On - "00": Off
P4_A (MODE3)	96 23 Value	"7F": On - "00": Off
P5_A (MODE3)	96 24 Value	"7F": On - "00": Off
P6_A (MODE3)	96 25 Value	"7F": On - "00": Off
P7_A (MODE3)	96 26 Value	"7F": On - "00": Off
P8_A (MODE3)	96 27 Value	"7F": On - "00": Off
P1_A (MODE4)	96 30 Value	"7F": On - "00": Off
P2_A (MODE4)	96 31 Value	"7F": On - "00": Off
P3_A (MODE4)	96 32 Value	"7F": On - "00": Off
P4_A (MODE4)	96 33 Value	"7F": On - "00": Off
P5_A (MODE4)	96 34 Value	"7F": On - "00": Off
P6_A (MODE4)	96 35 Value	"7F": On - "00": Off
P7_A (MODE4)	96 36 Value	"7F": On - "00": Off
P8_A (MODE4)	96 37 Value	"7F": On - "00": Off
P1_A (MODE5)	96 40 Value	"7F": On - "00": Off
P2_A (MODE5)	96 41 Value	"7F": On - "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
P3_A (MODE5)	96 42 Value	"7F": On - "00": Off
P4_A (MODE5)	96 43 Value	"7F": On - "00": Off
P5_A (MODE5)	96 44 Value	"7F": On - "00": Off
P6_A (MODE5)	96 45 Value	"7F": On - "00": Off
P7_A (MODE5)	96 46 Value	"7F": On - "00": Off
P8_A (MODE5)	96 47 Value	"7F": On - "00": Off
P1_A (MODE6)	96 50 Value	"7F": On - "00": Off
P2_A (MODE6)	96 51 Value	"7F": On - "00": Off
P3_A (MODE6)	96 52 Value	"7F": On - "00": Off
P4_A (MODE6)	96 53 Value	"7F": On - "00": Off
P5_A (MODE6)	96 54 Value	"7F": On - "00": Off
P6_A (MODE6)	96 55 Value	"7F": On - "00": Off
P7_A (MODE6)	96 56 Value	"7F": On - "00": Off
P8_A (MODE6)	96 57 Value	"7F": On - "00": Off
P1_A (MODE7)	96 60 Value	"7F": On - "00": Off
P2_A (MODE7)	96 61 Value	"7F": On - "00": Off
P3_A (MODE7)	96 62 Value	"7F": On - "00": Off
P4_A (MODE7)	96 63 Value	"7F": On - "00": Off
P5_A (MODE7)	96 64 Value	"7F": On - "00": Off
P6_A (MODE7)	96 65 Value	"7F": On - "00": Off
P7_A (MODE7)	96 66 Value	"7F": On - "00": Off
P8_A (MODE7)	96 67 Value	"7F": On - "00": Off
P1_A (MODE8)	96 70 Value	"7F": On - "00": Off
P2_A (MODE8)	96 71 Value	"7F": On - "00": Off
P3_A (MODE8)	96 72 Value	"7F": On - "00": Off
P4_A (MODE8)	96 73 Value	"7F": On - "00": Off
P5_A (MODE8)	96 74 Value	"7F": On - "00": Off
P6_A (MODE8)	96 75 Value	"7F": On - "00": Off
P7_A (MODE8)	96 76 Value	"7F": On - "00": Off

iii. Deck A + Shift

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
SH + FX_ON_B	94 00 Value	"7F": On - "00": Off
SH + SLIP_B	94 01 Value	"7F": On - "00": Off
SH + QUANTIZE_B	94 02 Value	"7F": On - "00": Off
SH + VINYL_B	94 03 Value	"7F": On - "00": Off
SH + SYNC_B	94 05 Value	"7F": On - "00": Off
SH + CUE_B	94 06 Value	"7F": On - "00": Off
SH + PLAY_B	94 07 Value	"7F": On - "00": Off
SH + LOOP_IN_B	94 09 Value	"7F": On - "00": Off
SH + LOOP_OUT_B	94 0A Value	"7F": On - "00": Off
SH + PFL_B	94 0C Value	"7F": On - "00": Off
SH + P1_B (MODE1)	97 08 Value	"7F": On - "00": Off
SH + P2_B (MODE1)	97 09 Value	"7F": On - "00": Off
SH + P3_B (MODE1)	97 0A Value	"7F": On - "00": Off
SH + P4_B (MODE1)	97 0B Value	"7F": On - "00": Off
SH + P5_B (MODE1)	97 0C Value	"7F": On - "00": Off
SH + P6_B (MODE1)	97 0D Value	"7F": On - "00": Off
SH + P7_B (MODE1)	97 0E Value	"7F": On - "00": Off
SH + P8_B (MODE1)	97 0F Value	"7F": On - "00": Off
SH + P1_B (MODE2)	97 18 Value	"7F": On - "00": Off
SH + P2_B (MODE2)	97 19 Value	"7F": On - "00": Off
SH + P3_B (MODE2)	97 1A Value	"7F": On - "00": Off
SH + P4_B (MODE2)	97 1B Value	"7F": On - "00": Off
SH + P5_B (MODE2)	97 1C Value	"7F": On - "00": Off
SH + P6_B (MODE2)	97 1D Value	"7F": On - "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
SH + P7_B (MODE2)	97 1E Value	"7F": On - "00": Off
SH + P8_B (MODE2)	97 1F Value	"7F": On - "00": Off
SH + P1_B (MODE3)	97 28 Value	"7F": On - "00": Off
SH + P2_B (MODE3)	97 29 Value	"7F": On - "00": Off
SH + P3_B (MODE3)	97 2A Value	"7F": On - "00": Off
SH + P4_B (MODE3)	97 2B Value	"7F": On - "00": Off
SH + P5_B (MODE3)	97 2C Value	"7F": On - "00": Off
SH + P6_B (MODE3)	97 2D Value	"7F": On - "00": Off
SH + P7_B (MODE3)	97 2E Value	"7F": On - "00": Off
SH + P8_B (MODE3)	97 2F Value	"7F": On - "00": Off
SH + P1_B (MODE4)	97 38 Value	"7F": On - "00": Off
SH + P2_B (MODE4)	97 39 Value	"7F": On - "00": Off
SH + P3_B (MODE4)	97 3A Value	"7F": On - "00": Off
SH + P4_B (MODE4)	97 3B Value	"7F": On - "00": Off
SH + P5_B (MODE4)	97 3C Value	"7F": On - "00": Off
SH + P6_B (MODE4)	97 3D Value	"7F": On - "00": Off
SH + P7_B (MODE4)	97 3E Value	"7F": On - "00": Off
SH + P8_B (MODE4)	97 3F Value	"7F": On - "00": Off
SH + P1_B (MODE5)	97 48 Value	"7F": On - "00": Off
SH + P2_B (MODE5)	97 49 Value	"7F": On - "00": Off
SH + P3_B (MODE5)	97 4A Value	"7F": On - "00": Off
SH + P4_B (MODE5)	97 4B Value	"7F": On - "00": Off
SH + P5_B (MODE5)	97 4C Value	"7F": On - "00": Off
SH + P6_B (MODE5)	97 4D Value	"7F": On - "00": Off
SH + P7_B (MODE5)	97 4E Value	"7F": On - "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
SH + P8_B (MODE5)	97 4F Value	"7F": On - "00": Off
SH + P1_B (MODE6)	97 58 Value	"7F": On - "00": Off
SH + P2_B (MODE6)	97 59 Value	"7F": On - "00": Off
SH + P3_B (MODE6)	97 5A Value	"7F": On - "00": Off
SH + P4_B (MODE6)	97 5B Value	"7F": On - "00": Off
SH + P5_B (MODE6)	97 5C Value	"7F": On - "00": Off
SH + P6_B (MODE6)	97 5D Value	"7F": On - "00": Off
SH + P7_B (MODE6)	97 5E Value	"7F": On - "00": Off
SH + P8_B (MODE6)	97 5F Value	"7F": On - "00": Off
SH + P1_B (MODE7)	97 68 Value	"7F": On - "00": Off
SH + P2_B (MODE7)	97 69 Value	"7F": On - "00": Off
SH + P3_B (MODE7)	97 6A Value	"7F": On - "00": Off
SH + P4_B (MODE7)	97 6B Value	"7F": On - "00": Off
SH + P5_B (MODE7)	97 6C Value	"7F": On - "00": Off
SH + P6_B (MODE7)	97 6D Value	"7F": On - "00": Off
SH + P7_B (MODE7)	97 6E Value	"7F": On - "00": Off
SH + P8_B (MODE7)	97 6F Value	"7F": On - "00": Off
SH + P1_B (MODE8)	97 78 Value	"7F": On - "00": Off
SH + P2_B (MODE8)	97 79 Value	"7F": On - "00": Off
SH + P3_B (MODE8)	97 7A Value	"7F": On - "00": Off
SH + P4_B (MODE8)	97 7B Value	"7F": On - "00": Off
SH + P5_B (MODE8)	97 7C Value	"7F": On - "00": Off
SH + P6_B (MODE8)	97 7D Value	"7F": On - "00": Off
SH + P7_B (MODE8)	97 7E Value	"7F": On - "00": Off
SH + P8_B (MODE8)	97 7F Value	"7F": On - "00": Off

iv. Deck B

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
FX_ON_B	92 00 Value	"7F": On - "00": Off
SLIP_B	92 01 Value	"7F": On - "00": Off
QUANTIZE_B	92 02 Value	"7F": On - "00": Off
VINYL_B	92 03 Value	"7F": On - "00": Off
SYNC_B	92 05 Value	"7F": On - "00": Off
CUE_B	92 06 Value	"7F": On - "00": Off
PLAY_B	92 07 Value	"7F": On - "00": Off
LOOP_IN_B	92 09 Value	"7F": On - "00": Off
LOOP_OUT_B	92 0A Value	"7F": On - "00": Off
PFL_B	92 0C Value	"7F": On - "00": Off
P1_B (MODE1)	97 00 Value	"7F": On - "00": Off
P2_B (MODE1)	97 01 Value	"7F": On - "00": Off
P3_B (MODE1)	97 02 Value	"7F": On - "00": Off
P4_B (MODE1)	97 03 Value	"7F": On - "00": Off
P5_B (MODE1)	97 04 Value	"7F": On - "00": Off
P6_B (MODE1)	97 05 Value	"7F": On - "00": Off
P7_B (MODE1)	97 06 Value	"7F": On - "00": Off
P8_B (MODE1)	97 07 Value	"7F": On - "00": Off
P1_B (MODE2)	97 10 Value	"7F": On - "00": Off
P2_B (MODE2)	97 11 Value	"7F": On - "00": Off
P3_B (MODE2)	97 12 Value	"7F": On - "00": Off
P4_B (MODE2)	97 13 Value	"7F": On - "00": Off
P5_B (MODE2)	97 14 Value	"7F": On - "00": Off
P6_B (MODE2)	97 15 Value	"7F": On - "00": Off
P7_B (MODE2)	97 16 Value	"7F": On - "00": Off
P8_B (MODE2)	97 17 Value	"7F": On - "00": Off
P1_B (MODE3)	97 20 Value	"7F": On - "00": Off
P2_B (MODE3)	97 21 Value	"7F": On - "00": Off
P3_B (MODE3)	97 22 Value	"7F": On - "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
P4_B (MODE3)	97 23 Value	"7F": On - "00": Off
P5_B (MODE3)	97 24 Value	"7F": On - "00": Off
P6_B (MODE3)	97 25 Value	"7F": On - "00": Off
P7_B (MODE3)	97 26 Value	"7F": On - "00": Off
P8_B (MODE3)	97 27 Value	"7F": On - "00": Off
P1_B (MODE4)	97 30 Value	"7F": On - "00": Off
P2_B (MODE4)	97 31 Value	"7F": On - "00": Off
P3_B (MODE4)	97 32 Value	"7F": On - "00": Off
P4_B (MODE4)	97 33 Value	"7F": On - "00": Off
P5_B (MODE4)	97 34 Value	"7F": On - "00": Off
P6_B (MODE4)	97 35 Value	"7F": On - "00": Off
P7_B (MODE4)	97 36 Value	"7F": On - "00": Off
P8_B (MODE4)	97 37 Value	"7F": On - "00": Off
P1_B (MODE5)	97 40 Value	"7F": On - "00": Off
P2_B (MODE5)	97 41 Value	"7F": On - "00": Off
P3_B (MODE5)	97 42 Value	"7F": On - "00": Off
P4_B (MODE5)	97 43 Value	"7F": On - "00": Off
P5_B (MODE5)	97 44 Value	"7F": On - "00": Off
P6_B (MODE5)	97 45 Value	"7F": On - "00": Off
P7_B (MODE5)	97 46 Value	"7F": On - "00": Off
P8_B (MODE5)	97 47 Value	"7F": On - "00": Off
P1_B (MODE6)	97 50 Value	"7F": On - "00": Off
P2_B (MODE6)	97 51 Value	"7F": On - "00": Off
P3_B (MODE6)	97 52 Value	"7F": On - "00": Off
P4_B (MODE6)	97 53 Value	"7F": On - "00": Off
P5_B (MODE6)	97 54 Value	"7F": On - "00": Off
P6_B (MODE6)	97 55 Value	"7F": On - "00": Off
P7_B (MODE6)	97 56 Value	"7F": On - "00": Off
P8_B (MODE6)	97 57 Value	"7F": On - "00": Off
P1_B (MODE7)	97 60 Value	"7F": On - "00": Off
P2_B (MODE7)	97 61 Value	"7F": On - "00": Off
P3_B (MODE7)	97 62 Value	"7F": On - "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
P4_B (MODE7)	97 63 Value	"7F": On - "00": Off
P5_B (MODE7)	97 64 Value	"7F": On - "00": Off
P6_B (MODE7)	97 65 Value	"7F": On - "00": Off
P7_B (MODE7)	97 66 Value	"7F": On - "00": Off
P8_B (MODE7)	97 67 Value	"7F": On - "00": Off
P1_B (MODE8)	97 70 Value	"7F": On - "00": Off
P2_B (MODE8)	97 71 Value	"7F": On - "00": Off
P3_B (MODE8)	97 72 Value	"7F": On - "00": Off
P4_B (MODE8)	97 73 Value	"7F": On - "00": Off
P5_B (MODE8)	97 74 Value	"7F": On - "00": Off
P6_B (MODE8)	97 75 Value	"7F": On - "00": Off
P7_B (MODE8)	97 76 Value	"7F": On - "00": Off
P8_B (MODE8)	97 77 Value	"7F": On - "00": Off

v. Deck B+Shift

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
SH + FX_ON_B	94 00 Value	"7F": On - "00": Off
SH + SLIP_B	94 01 Value	"7F": On - "00": Off
SH + QUANTIZE_B	94 02 Value	"7F": On - "00": Off
SH + VINYL_B	94 03 Value	"7F": On - "00": Off
SH + SYNC_B	94 05 Value	"7F": On - "00": Off
SH + CUE_B	94 06 Value	"7F": On - "00": Off
SH + PLAY_B	94 07 Value	"7F": On - "00": Off
SH + LOOP_IN_B	94 09 Value	"7F": On - "00": Off
SH + LOOP_OUT_B	94 0A Value	"7F": On - "00": Off
SH + PFL_B	94 0C Value	"7F": On - "00": Off
SH + P1_B (MODE1)	97 08 Value	"7F": On - "00": Off
SH + P2_B (MODE1)	97 09 Value	"7F": On - "00": Off
SH + P3_B (MODE1)	97 0A Value	"7F": On - "00": Off
SH + P4_B (MODE1)	97 0B Value	"7F": On - "00": Off
SH + P5_B (MODE1)	97 0C Value	"7F": On - "00": Off
SH + P6_B (MODE1)	97 0D Value	"7F": On - "00": Off
SH + P7_B (MODE1)	97 0E Value	"7F": On - "00": Off
SH + P8_B (MODE1)	97 0F Value	"7F": On - "00": Off
SH + P1_B (MODE2)	97 18 Value	"7F": On - "00": Off
SH + P2_B (MODE2)	97 19 Value	"7F": On - "00": Off
SH + P3_B (MODE2)	97 1A Value	"7F": On - "00": Off
SH + P4_B (MODE2)	97 1B Value	"7F": On - "00": Off
SH + P5_B (MODE2)	97 1C Value	"7F": On - "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL IMPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
SH + P6_B (MODE2)	97 1D Value	"7F": On – "00": Off
SH + P7_B (MODE2)	97 1E Value	"7F": On – "00": Off
SH + P8_B (MODE2)	97 1F Value	"7F": On – "00": Off
SH + P1_B (MODE3)	97 28 Value	"7F": On – "00": Off
SH + P2_B (MODE3)	97 29 Value	"7F": On – "00": Off
SH + P3_B (MODE3)	97 2A Value	"7F": On – "00": Off
SH + P4_B (MODE3)	97 2B Value	"7F": On – "00": Off
SH + P5_B (MODE3)	97 2C Value	"7F": On – "00": Off
SH + P6_B (MODE3)	97 2D Value	"7F": On – "00": Off
SH + P7_B (MODE3)	97 2E Value	"7F": On – "00": Off
SH + P8_B (MODE3)	97 2F Value	"7F": On – "00": Off
SH + P1_B (MODE4)	97 38 Value	"7F": On – "00": Off
SH + P2_B (MODE4)	97 39 Value	"7F": On – "00": Off
SH + P3_B (MODE4)	97 3A Value	"7F": On – "00": Off
SH + P4_B (MODE4)	97 3B Value	"7F": On – "00": Off
SH + P5_B (MODE4)	97 3C Value	"7F": On – "00": Off
SH + P6_B (MODE4)	97 3D Value	"7F": On – "00": Off
SH + P7_B (MODE4)	97 3E Value	"7F": On – "00": Off
SH + P8_B (MODE4)	97 3F Value	"7F": On – "00": Off
SH + P1_B (MODE5)	97 48 Value	"7F": On – "00": Off
SH + P2_B (MODE5)	97 49 Value	"7F": On – "00": Off
SH + P3_B (MODE5)	97 4A Value	"7F": On – "00": Off
SH + P4_B (MODE5)	97 4B Value	"7F": On – "00": Off
SH + P5_B (MODE5)	97 4C Value	"7F": On – "00": Off
SH + P6_B (MODE5)	97 4D Value	"7F": On – "00": Off
SH + P7_B (MODE5)	97 4E Value	"7F": On – "00": Off

MIDI COMMANDS OF HERCULES DJCONTROL INPULSE 300

MIDI CONTROL	NOTE ON MESSAGE	VALUE DESCRIPTION
SH + P8_B (MODE5)	97 4F Value	"7F": On – "00": Off
SH + P1_B (MODE6)	97 58 Value	"7F": On – "00": Off
SH + P2_B (MODE6)	97 59 Value	"7F": On – "00": Off
SH + P3_B (MODE6)	97 5A Value	"7F": On – "00": Off
SH + P4_B (MODE6)	97 5B Value	"7F": On – "00": Off
SH + P5_B (MODE6)	97 5C Value	"7F": On – "00": Off
SH + P6_B (MODE6)	97 5D Value	"7F": On – "00": Off
SH + P7_B (MODE6)	97 5E Value	"7F": On – "00": Off
SH + P8_B (MODE6)	97 5F Value	"7F": On – "00": Off
SH + P1_B (MODE7)	97 68 Value	"7F": On – "00": Off
SH + P2_B (MODE7)	97 69 Value	"7F": On – "00": Off
SH + P3_B (MODE7)	97 6A Value	"7F": On – "00": Off
SH + P4_B (MODE7)	97 6B Value	"7F": On – "00": Off
SH + P5_B (MODE7)	97 6C Value	"7F": On – "00": Off
SH + P6_B (MODE7)	97 6D Value	"7F": On – "00": Off
SH + P7_B (MODE7)	97 6E Value	"7F": On – "00": Off
SH + P8_B (MODE7)	97 6F Value	"7F": On – "00": Off
SH + P1_B (MODE8)	97 78 Value	"7F": On – "00": Off
SH + P2_B (MODE8)	97 79 Value	"7F": On – "00": Off
SH + P3_B (MODE8)	97 7A Value	"7F": On – "00": Off
SH + P4_B (MODE8)	97 7B Value	"7F": On – "00": Off
SH + P5_B (MODE8)	97 7C Value	"7F": On – "00": Off
SH + P6_B (MODE8)	97 7D Value	"7F": On – "00": Off
SH + P7_B (MODE8)	97 7E Value	"7F": On – "00": Off
SH + P8_B (MODE8)	97 7F Value	"7F": On – "00": Off

vi. VU-Meters

1. Master level

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
VUMETER1_MASTER_L	90 06 Value	"7F": On - "00": Off
VUMETER2_MASTER_L	90 07 Value	"7F": On - "00": Off
VUMETER3_MASTER_L	90 08 Value	"7F": On - "00": Off
VUMETER4_MASTER_L	90 09 Value	"7F": On - "00": Off
VUMETER5_MASTER_L	90 0A Value	"7F": On - "00": Off
VUMETER1_MASTER_R	90 0B Value	"7F": On - "00": Off
VUMETER2_MASTER_R	90 0C Value	"7F": On - "00": Off
VUMETER3_MASTER_R	90 0D Value	"7F": On - "00": Off
VUMETER4_MASTER_R	90 0E Value	"7F": On - "00": Off
VUMETER5_MASTER_R	90 0F Value	"7F": On - "00": Off
VUMETER_MASTER_L	B0 40 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F
VUMETER_MASTER_R	B0 41 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F
SH + VUMETER_MASTER_L	B0 03 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F
SH + VUMETER_MASTER_R	B0 04 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F

2. Deck Level

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
VUMETER1_DA	91 17 Value	"7F": On - "00": Off
VUMETER2_DA	91 18 Value	"7F": On - "00": Off
VUMETER3_DA	91 19 Value	"7F": On - "00": Off
VUMETER4_DA	91 1A Value	"7F": On - "00": Off
VUMETER5_DA	91 1B Value	"7F": On - "00": Off
VUMETER_DA_GLOBAL	B1 40 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F
SH + VUMETER_DA_GLOBAL	B1 29 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F
VUMETER1_DB	92 17 Value	"7F": On - "00": Off
VUMETER2_DB	92 18 Value	"7F": On - "00": Off
VUMETER3_DB	92 19 Value	"7F": On - "00": Off
VUMETER4_DB	92 1A Value	"7F": On - "00": Off
VUMETER5_DB	92 1B Value	"7F": On - "00": Off
VUMETER_DB_GLOBAL	B2 40 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F
SH + VUMETER_DB_GLOBAL	B2 29 Value	"7F": All 5 led On - "00": All 5 leds Off _ Linear control of 5 led between 00 and 7F

3. Tempo guide

Tempo guide with Beatmatch Guide = ON

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
PITCH_UP_A_(ON)	91 1E Value	"7F": On - "00": Off
PITCH_DOWN_A_(ON)	91 1F Value	"7F": On - "00": Off
PITCH_UP_B_(ON)	92 1E Value	"7F": On - "00": Off
PITCH_DOWN_B_(ON)	92 1F Value	"7F": On - "00": Off

Tempo guide with Beatmatch Guide = OFF

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
PITCH_UP_A_(OFF)	91 23 Value	"7F": On - "00": Off
PITCH_DOWN_A_(OFF)	91 24 Value	"7F": On - "00": Off
PITCH_UP_B_(OFF)	92 23 Value	"7F": On - "00": Off
PITCH_DOWN_B_(OFF)	92 24 Value	"7F": On - "00": Off

4. Beat-Align guide

Beat-Align guide with Beatmatch Guide = ON

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
JOG_BEND_LEFT_A_(ON)	91 1C Value	"7F": On – "00": Off
JOG_BEND_RIGHT_A_(ON)	91 1D Value	"7F": On – "00": Off
JOG_BEND_LEFT_B_(ON)	92 1C Value	"7F": On – "00": Off
JOG_BEND_RIGHT_B_(ON)	92 1D Value	"7F": On – "00": Off

Beat-Align guide with Beatmatch Guide = OFF

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
JOG_BEND_LEFT_A_(OFF)	91 21 Value	"7F": On – "00": Off
JOG_BEND_RIGHT_A_(OFF)	91 22 Value	"7F": On – "00": Off
JOG_BEND_LEFT_B_(OFF)	92 21 Value	"7F": On – "00": Off
JOG_BEND_RIGHT_B_(OFF)	92 22 Value	"7F": On – "00": Off

5. Energy meter (backlight on browser ring)

MIDI CONTROL	MESSAGE	VALUE DESCRIPTION
ENERGY LEVEL	90 05 Value	Value = see table below

Table of Values / Color:

	0	1	2	3	4	5	6	7
0	Black	Green	Dark Red	Light Green	Red	Olive	Red	Orange
1	Dark Blue	Teal	Purple	Light Blue	Magenta	Brown	Pink	Light Orange
2	Blue	Cyan	Dark Purple	Light Cyan	Light Purple	Grey	Bright Pink	Pink
3	Blue	Cyan	Purple	Light Blue	Purple	Light Purple	Bright Pink	Pink
4	Dark Green	Bright Green	Brown	Light Green	Dark Red	Olive	Red	Orange
5	Dark Blue	Teal	Purple	Light Green	Magenta	Olive	Pink	Light Orange
6	Blue	Cyan	Purple	Light Cyan	Purple	Grey	Bright Pink	Light Orange
7	Blue	Cyan	Purple	Light Blue	Purple	Light Purple	Bright Pink	Pink
8	Dark Green	Bright Green	Brown	Light Green	Dark Red	Olive	Red	Yellow
9	Dark Teal	Bright Green	Grey	Light Green	Dark Red	Olive	Red	Yellow
A	Blue	Cyan	Purple	Light Cyan	Purple	Light Green	Bright Pink	Light Orange
B	Blue	Cyan	Purple	Light Blue	Purple	Light Blue	Bright Pink	Pink
C	Dark Green	Bright Green	Olive	Bright Green	Brown	Bright Green	Orange	Yellow
D	Dark Teal	Bright Green	Grey	Light Green	Brown	Light Green	Red	Yellow
E	Blue	Cyan	Grey	Light Cyan	Purple	Light Green	Pink	Yellow
F	Blue	Cyan	Purple	Light Cyan	Purple	Light Cyan	Bright Pink	

Examples of MIDI values = LED colors

Value 00 = LED Off

Value 01 = Very dark blue

Value 03 = Dark blue

Value 05 = Medium-dark blue

Value 0B = Medium blue

Value 17 = Light blue

Value 1E = Light blue-green

Value 3C = Light green

Value 60 = Full red

Value 64 = Light red

Value 6C = Orange

Value 74 = Light orange

Value 7C = Yellow

Value 7F = White