

TECHNICAL SPECIFICATIONS

Mechanical

Weight 1.5 lbs = 0.67Kg
 Dimensions (W x D x H) 10"4 x 7"3 x 2"3 = 26.5 x 18.5 x 6 cm

Controls

Transport buttons 36
 Backlights 28
 Rotary potentiometers 6
 Faders 3
 Pitch shift 2
 Jog wheels 2

MIDI commands

MIDI input

Control	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Key 1 Deck A	Note On/Note Off	1	Button-Toggling Output	"127": Pressed – "0": Released
Key 2 Deck A	Note On/Note Off	2	Button-Toggling Output	"127": Pressed – "0": Released
Key 3 Deck A	Note On/Note Off	3	Button-Toggling Output	"127": Pressed – "0": Released
Key 4 Deck A	Note On/Note Off	4	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 1 deck A	Note On/Note Off	5	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 2 deck A	Note On/Note Off	6	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 3 deck A	Note On/Note Off	7	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 4 deck A	Note On/Note Off	8	Button-Toggling Output	"127": Pressed – "0": Released
Shift Deck A	Note On/Note Off	9	Button-Toggling Output	"127": Pressed – "0": Released
Pitch Bend – deck A	Note On/Note Off	10	Button-Toggling Output	"127": Pressed – "0": Released

Control	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Pitch Bend + deck A	Note On/Note Off	11	Button-Toggling Output	"127": Pressed – "0": Released
Rewind deck A	Note On/Note Off	12	Button-Toggling Output	"127": Pressed – "0": Released
Fast forward deck A	Note On/Note Off	13	Button-Toggling Output	"127": Pressed – "0": Released
Cue deck A	Note On/Note Off	14	Button-Toggling Output	"127": Pressed – "0": Released
Play deck A	Note On/Note Off	15	Button-Toggling Output	"127": Pressed – "0": Released
Listen A	Note On/Note Off	16	Button-Toggling Output	"127": Pressed – "0": Released
Load A	Note On/Note Off	17	Button-Toggling Output	"127": Pressed – "0": Released
Sync deck A	Note On/Note Off	18	Button-Toggling Output	"127": Pressed – "0": Released
Pitch reset deck A	Note On/Note Off	19	Button-Toggling Output	"127": Pressed – "0": Released
Shift status deck A	Note On/Note Off	20	Button-Toggling Output	"127": On – "0": Off
Key 1 Deck B	Note On/Note Off	21	Button-Toggling Output	"127": Pressed – "0": Released
Key 2 Deck B	Note On/Note Off	22	Button-Toggling Output	"127": Pressed – "0": Released
Key 3 Deck B	Note On/Note Off	23	Button-Toggling Output	"127": Pressed – "0": Released
Key 4 Deck B	Note On/Note Off	24	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 1 deck B	Note On/Note Off	25	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 2 deck B	Note On/Note Off	26	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 3 deck B	Note On/Note Off	27	Button-Toggling Output	"127": Pressed – "0": Released
Shift + key 4 deck B	Note On/Note Off	28	Button-Toggling Output	"127": Pressed – "0": Released

Control	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Shift Deck B	Note On/Note Off	29	Button-Toggling Output	"127": Pressed – "0": Released
Pitch Bend – deck B	Note On/Note Off	30	Button-Toggling Output	"127": Pressed – "0": Released
Pitch Bend + deck B	Note On/Note Off	31	Button-Toggling Output	"127": Pressed – "0": Released
Rewind deck B	Note On/Note Off	32	Button-Toggling Output	"127": Pressed – "0": Released
Fast forward deck B	Note On/Note Off	33	Button-Toggling Output	"127": Pressed – "0": Released
Cue deck B	Note On/Note Off	34	Button-Toggling Output	"127": Pressed – "0": Released
Play deck B	Note On/Note Off	35	Button-Toggling Output	"127": Pressed – "0": Released
Listen B	Note On/Note Off	36	Button-Toggling Output	"127": Pressed – "0": Released
Load B	Note On/Note Off	37	Button-Toggling Output	"127": Pressed – "0": Released
Sync deck B	Note On/Note Off	38	Button-Toggling Output	"127": Pressed – "0": Released
Pitch reset deck B	Note On/Note Off	39	Button-Toggling Output	"127": Pressed – "0": Released
Shift status deck B	Note On/Note Off	40	Button-Toggling Output	"127": On – "0": Off
Browsing Up	Note On/Note Off	41	Button-Toggling Output	"127": Pressed – "0": Released
Browsing Down	Note On/Note Off	42	Button-Toggling Output	"127": Pressed – "0": Released
Files	Note On/Note Off	43	Button-Toggling Output	"127": Pressed – "0": Released
Folders	Note On/Note Off	44	Button-Toggling Output	"127": Pressed – "0": Released
Vinyl	Note On/Note Off	45	Button-Toggling Output	"127": Pressed – "0": Released
Magic	Note On/Note Off	46	Button-Toggling Output	"127": Pressed – "0": Released

Control	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Jog deck A	Control Change	48	Incremental coarse (128 values)	127 > 64 : CCW Slow > Fast 1 > 63 : CW Slow > Fast
Jog deck B	Control Change	49	Incremental – Coarse (128 values)	127 > 64 : CCW Slow > Fast 1 > 63 : CW Slow > Fast
Pitch deck A	Control Change	50	Incremental – Coarse (128 values)	127 > 64 : CCW Slow > Fast 1 > 63 : CW Slow > Fast
Pitch deck B	Control Change	51	Incremental – Coarse (128 values)	127 > 64 : CCW Slow > Fast 1 > 63 : CW Slow > Fast
Volume deck A	Control Change	52	Analog – Coarse (128 values)	0 > 127 : Full Down > Full Up
Treble deck A	Control Change	53	Analog – Coarse (128 values)	0 > 127 : Full CW : Full CCW
Medium deck A	Control Change	54	Analog – Coarse (128 values)	0 > 127 : Full CW : Full CCW
Bass deck A	Control Change	55	Analog – Coarse (128 values)	0 > 127 : Full CW : Full CCW
Cross fader	Control Change	56	Analog – Coarse (128 values)	0 > 127 : Full Left > Full Right
Volume deck B	Control Change	57	Analog – Coarse (128 values)	0 > 127 : Full Down > Full Up
Treble deck A	Control Change	58	Analog – Coarse (128 values)	0 > 127 : Full CW : Full CCW
Medium deck B	Control Change	59	Analog – Coarse (128 values)	0 > 127 : Full CW : Full CCW
Bass deck B	Control Change	60	Analog – Coarse (128 values)	0 > 127 : Full CW : Full CCW

MIDI output

General Command

Control	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Update All Controls	Control Change	127	Control Input	0 : OFF – 127: ON

LEDs On/Off

LED	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Key 1 Deck A	Note On/Note Off	1	LED Toggle In	0 : OFF – 127: ON
Key 2 Deck A	Note On/Note Off	2	LED Toggle In	0 : OFF – 127: ON
Key 3 Deck A	Note On/Note Off	3	LED Toggle In	0 : OFF – 127: ON
Key 4 Deck A	Note On/Note Off	4	LED Toggle In	0 : OFF – 127: ON
Shift + key 1 deck A	Note On/Note Off	5	LED Toggle In	0 : OFF – 127: ON
Shift + key 2 deck A	Note On/Note Off	6	LED Toggle In	0 : OFF – 127: ON
Shift + key 3 deck A	Note On/Note Off	7	LED Toggle In	0 : OFF – 127: ON
Shift + key 4 deck A	Note On/Note Off	8	LED Toggle In	0 : OFF – 127: ON
Pitch Bend – deck A	Note On/Note Off	10	LED Toggle In	0 : OFF – 127: ON
Pitch Bend + deck A	Note On/Note Off	11	LED Toggle In	0 : OFF – 127: ON
Cue deck A	Note On/Note Off	14	LED Toggle In	0 : OFF – 127: ON
Play deck A	Note On/Note Off	15	LED Toggle In	0 : OFF – 127: ON
Listen A	Note On/Note Off	16	LED Toggle In	0 : OFF – 127: ON
Sync deck A	Note On/Note Off	18	LED Toggle In	0 : OFF – 127: ON
Pitch reset deck A	Note On/Note Off	19	LED Toggle In	0 : OFF – 127: ON
Key 1 Deck B	Note On/Note Off	21	LED Toggle In	0 : OFF – 127: ON

LED	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Key 2 Deck B	Note On/Note Off	22	LED Toggle In	0 : OFF – 127: ON
Key 3 Deck B	Note On/Note Off	23	LED Toggle In	0 : OFF – 127: ON
Key 4 Deck B	Note On/Note Off	24	LED Toggle In	0 : OFF – 127: ON
Shift + key 1 deck B	Note On/Note Off	25	LED Toggle In	0 : OFF – 127: ON
Shift + key 2 deck B	Note On/Note Off	26	LED Toggle In	0 : OFF – 127: ON
Shift + key 3 deck B	Note On/Note Off	27	LED Toggle In	0 : OFF – 127: ON
Shift + key 4 deck B	Note On/Note Off	28	LED Toggle In	0 : OFF – 127: ON
Pitch Bend – deck B	Note On/Note Off	30	LED Toggle In	0 : OFF – 127: ON
Pitch Bend + deck B	Note On/Note Off	31	LED Toggle In	0 : OFF – 127: ON
Cue deck B	Note On/Note Off	34	LED Toggle In	0 : OFF – 127: ON
Play deck B	Note On/Note Off	35	LED Toggle In	0 : OFF – 127: ON
Listen B	Note On/Note Off	36	LED Toggle In	0 : OFF – 127: ON
Sync deck B	Note On/Note Off	38	LED Toggle In	0 : OFF – 127: ON
Pitch reset deck B	Note On/Note Off	39	LED Toggle In	0 : OFF – 127: ON
Files	Note On/Note Off	43	LED Toggle In	0 : OFF – 127: ON
Folders	Note On/Note Off	44	LED Toggle In	0 : OFF – 127: ON
Vinyl	Note On/Note Off	45	LED Toggle In	0 : OFF – 127: ON
Magic	Note On/Note Off	46	LED Toggle In	0 : OFF – 127: ON

LEDs Blink

Blinking LED	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Key 1 Deck A	Note On/Note Off	1	LED Toggle In	0 : OFF – 127: ON
Key 2 Deck A	Note On/Note Off	2	LED Toggle In	0 : OFF – 127: ON
Key 3 Deck A	Note On/Note Off	3	LED Toggle In	0 : OFF – 127: ON

Blinking LED	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Key 4 Deck A	Note On/Note Off	52	LED Toggle In	0 : OFF – 127: ON
Shift + key 1 deck A	Note On/Note Off	53	LED Toggle In	0 : OFF – 127: ON
Shift + key 2 deck A	Note On/Note Off	54	LED Toggle In	0 : OFF – 127: ON
Shift + key 3 deck A	Note On/Note Off	55	LED Toggle In	0 : OFF – 127: ON
Shift + key 4 deck A	Note On/Note Off	56	LED Toggle In	0 : OFF – 127: ON
Pitch Bend – deck A	Note On/Note Off	58	LED Toggle In	0 : OFF – 127: ON
Pitch Bend + deck A	Note On/Note Off	59	LED Toggle In	0 : OFF – 127: ON
Cue deck A	Note On/Note Off	62	LED Toggle In	0 : OFF – 127: ON
Play deck A	Note On/Note Off	63	LED Toggle In	0 : OFF – 127: ON
Listen A	Note On/Note Off	64	LED Toggle In	0 : OFF – 127: ON
Sync deck A	Note On/Note Off	66	LED Toggle In	0 : OFF – 127: ON
Pitch reset deck A	Note On/Note Off	67	LED Toggle In	0 : OFF – 127: ON
Key 1 Deck B	Note On/Note Off	69	LED Toggle In	0 : OFF – 127: ON
Key 2 Deck B	Note On/Note Off	70	LED Toggle In	0 : OFF – 127: ON
Key 3 Deck B	Note On/Note Off	71	LED Toggle In	0 : OFF – 127: ON
Key 4 Deck B	Note On/Note Off	72	LED Toggle In	0 : OFF – 127: ON
Shift + key 1 deck B	Note On/Note Off	73	LED Toggle In	0 : OFF – 127: ON
Shift + key 2 deck B	Note On/Note Off	74	LED Toggle In	0 : OFF – 127: ON
Shift + key 3 deck B	Note On/Note Off	75	LED Toggle In	0 : OFF – 127: ON
Shift + key 4 deck B	Note On/Note Off	76	LED Toggle In	0 : OFF – 127: ON
Pitch Bend – deck B	Note On/Note Off	78	LED Toggle In	0 : OFF – 127: ON

Blinking LED	Midi Control Type	Midi Command (decimal)	Command Type	Midi Values (decimal)
Pitch Bend + deck B	Note On/Note Off	79	LED Toggle In	0 : OFF – 127: ON
Cue deck B	Note On/Note Off	82	LED Toggle In	0 : OFF – 127: ON
Play deck B	Note On/Note Off	83	LED Toggle In	0 : OFF – 127: ON
Listen B	Note On/Note Off	84	LED Toggle In	0 : OFF – 127: ON
Sync deck B	Note On/Note Off	86	LED Toggle In	0 : OFF – 127: ON
Pitch reset deck B	Note On/Note Off	87	LED Toggle In	0 : OFF – 127: ON
Files	Note On/Note Off	91	LED Toggle In	0 : OFF – 127: ON
Folders	Note On/Note Off	92	LED Toggle In	0 : OFF – 127: ON
Vinyl	Note On/Note Off	93	LED Toggle In	0 : OFF – 127: ON
Magic	Note On/Note Off	94	LED Toggle In	0 : OFF – 127: ON