

Technical data 8TE-Frontpanel-Midi-to-CV-Pedal-USB / September 22, 2025

8TE Frontpanel for Midi to CV / Pedal USB / Date: September 22, 2025	Technical data sheet	ID-(BOM)	X1/X1W PINs
01) Modularrack 3HE / 40TE / Dimensions (W x L x H) 206x127x33mm	Eurorack	optional... 1*)	
02) Desktop Eurorack Behringer 104TE / Dimensions (W x L x H) 546x133x84mm	Metal housing	optional... 1*)	
03) Desktop Alu-Case 4MS pod40 powered / Dimensions (W x L x H) 206x159x40mm	Metal housing	optional... 1*)	
04) power supply (USB-C Power-Supply Breakout and 4MS 45W Power Brick)	Power-Supply	optional... 1*)	
05) 16-pin box connector with 20cm ribbon cable	for modular (+5V)	Eurorack- Cable	
06) 16-pin box connector with 10cm ribbon cable	for 8TE Eurorack Frontpanel	Eurorack- Cable	1-16
07) internal / external supply for USB-Hub	switchable	included	
08) from USB-HOST Hub Port 4, 1x USB-A of which are NOT in the front panel	from active USB hub U6	U6 (Mainbaord)	
09) 1x USB A connectors on the back via 4-pin connector	USB-A 2.0	X5B HOST- X4B	
10) 1x S1 Switch Eurorack-Power LEDs WHITE	S1 Switch Eurorack PWR	S1 Switch	
11) 1x S2 Switch Polarized for Volume TR /RT GREEN	S2 Switch Polarized	S2 Switch	
12) DAC Channel 1(A) 0-8VDC = 0-3300 (4095) /TS 3,5mm / 1V/ Octave	CV output 1 (NOTE)	TRS 3,5mm	9
13) DAC Channel 2(B) 0-10VDC = 0-3300 (4095) /TS 3,5mm	CV output 2 (MIDI CC)	TRS 3,5mm	11
14) DAC Channel 3(C) 0-10VDC = 0-3300 (4095) /TS 3,5mm	CV output 3 (Velocity	TRS 3,5mm	13
15) DAC Channel 4(D) 0-10VDC = 0-3300 (4095) /TS 3,5mm	CV output 4 (MIDI CC)	TRS 3,5mm	15
16) GATE OUT TRS 3,5mm 0/5V Optocouplers	modular connection	TRS 3,5mm	5
17) PEDAL Volume Input 1/4 inch TRS +3,3V /Signal /GND (Amphenol Conn.)	modular connection	TRS 6,35mm	6/4
18) CV IN / alternative 0-5VDC / 0-10VDC Input (protected with suppressor diodes)	modular connection	TRS 6,35mm	6/4
19) PEDAL SUSTAIN IN = SUSTAIN 0/+3,3V= LOW/HIGH (Amphenol Conn.)	modular connection	TRS 6,35mm	12/10
20) LED2 GATE OUT (Frontpanel)	LED 3mm low current RED	LED2	7
21) LED1 5V Power	LED 3mm low current RED	LED1	14 (VCC +5V)
22) LED3 +12V Eurorack-Power	LED 3mm low current RED	LED3	
23) LED4 -12V Eurorack-Power	LED 3mm low current RED	LED4	
24) NOT USED Expansion-Connector 16pol for 8TE Frontpanel with 90° 2x8pol.	MIDI to CV / Pedals / LEDs	X1W	1/2/8 (GND)
25) Expansion-Connector 16pol for 8TE Frontpanel with Eurorack compatible	MIDI to CV / Pedals / LEDs	X1	1/2/8 (GND)
25) Expansion-Connector 16pol		X1/X1W	3 (AGND)

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25) Expansion-Connector 16pol			X1/X1W	16 (VDD +12V)
Note 1*): the technical data apply from motherboard version and the Navipanel V3 Mainboard is necessary! Used Eurorack min. 40TE/3HE		V3-R05-v541, July 02, 2025		
Midi to CV PCB version (Breakout-Board V3.3) with CV and Gate, Pedals and USB-A4		V3-R03-v309, August 21, 2025		
Note 2*) only on the smaller pedal / USB PCB version (PEDAL-USB-Breakout-Board) without Midi to CV and Gate OUT		V3-R02-v73, July 02, 2025		