

Bettermaker Bus Compressor

- advanced analog stereo VCA compressor with PEAK/RMS detection
- all parameters are digitally controlled via front panel and/or DAW (with dedicated plugin)
- dry/wet MIX control for parallel compression
- sidechain high pass filter with hardware insert and preview function
- adjustable THD for harmonically rich sound
- on-board measurement of PEAK/RMS levels
- 100% analog audio signal path
- total recall and A/B comparison from your favourite DAW
- LED matrix display and six encoders with push-button action for ease of control
- USB connectivity with MAC/PC

Threshold	-35dB / +5dB (40dB range)
Attack	0.1 – 60 ms
Release	10 – 2000 ms
Ratio	1.5, 2, 4, 6, 10:1
Knee	20dB
Output	-5dB to +15dB
Sidechain HPF	off – 370Hz
Sidechain Feed	Forward
Sidechain Type	PEAK/RMS

Technical specification (may change without notice):

- Frequency response 10Hz to 22kHz (+/- 0.2 dB)
- Dynamic range: 106dB (+23dBu, 22kHz BW)
- S/N ratio: 87dB (A-weighted, +4dBu, 22kHz BW, unity gain)
- Crosstalk: -83dB @ 1kHz, +18dBu, channel-to-channel
- CMRR: max 85 dB @ 3 kHz, min 52 dB @ 20Hz, 20 kHz BW
- THD: 2nd: < 0.06%, 3rd: < 0.01%; 4th: < 0.006%;
(+4 dBu, 20-20 kHz, unity gain, THD and CLIP disabled)
- balanced stereo input (XLR), 23dBu max input level (THD < 0.2%)
- balanced stereo output (XLR), 23dBu max output level (THD < 0.2% into >2kohm)
- Input impedance (differential): 48k Ω (for balanced signal)
- Output Impedance: 50 Ω + 50 Ω (electronically balanced)

- 2U enclosure, 230mm deep (Mastering Compressor)
- 1U enclosure, 230mm deep (Bus Compressor)
- universal 100 - 240V power supply designed by Bettermaker
- Maximum power consumption: 25W
- Shipping weight: 5.5 kg (Mastering Compressor), 5 kg (Bus Compressor)