

# Behringer MDX2600V2 Specs

Function	Expander/Gate, Compressor, Peak Limiter, De-Esser, Dynamic Enhancer, and Tube Simulator
Number of Channels	2
Inputs	2 x 3-Pin XLR Female (Balanced) 2 x 1/4" TRS (Balanced)
Outputs	2 x 3-Pin XLR Male (Balanced) 2 x 1/4" TRS (Balanced)
Sidechain	2 x 1/4" TS Sends (Unbalanced) 2 x 1/4" TS Returns (Unbalanced)
Input Impedance	Balanced at +4 dBu Operating Level: 50 kOhms Unbalanced at +4 dBu Operating Level: 50 kOhms Balanced at -10 dBV Operating Level: 50 kOhms Unbalanced at -10 dBV Operating Level: 100 kOhms Sidechain: 10 kOhms
Output Impedance	Balanced: 100 Ohms Unbalanced: 50 Ohms Sidechain: 50 Ohms
Maximum Input Level	Audio: +22 dBu Sidechain: +20 dBu
CMRR	Typically 60 dB at 1 kHz
Compression Threshold	-40 to +20 dB

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Compression Ratio

1:1 to Infinity:1

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Attack Time

Compressor (Manual): 0.3 ms per 20 dB to 300 ms per 20 dB  
Compressor (Auto): Typically 15 ms for 10 dB, 5 ms for 20 dB, 3 ms for 30 dB  
Gate: < 1 ms per 50 dB (Program Dependent)  
Level 1 Limiter: "Zero"  
Level 2 Limiter: Typically < 5 ms (Program Dependent)

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Release Time

Compressor (Manual): 0.05 Sec per 20 dB to 5 Sec per 20 dB  
Compressor (Auto): Typically 125 dB/Sec (Program Dependent)  
Gate (Slow): 100 ms per 1 dB  
Gate (Fast): 100 ms per 100 dB  
Level 1 Limiter: "Zero"  
Level 2 Limiter: Typically 20 dB per Sec (Program Dependent)

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Gate Threshold

Off to +10 dB

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Gate Ratio

1:1 to 1:8

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Maximum Output Level

Audio: +21 dBu (Balanced/Unbalanced)  
Sidechain: +21 dBu

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Make-up Gain

Compressor: -20 to +20 dB

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Filter Settings

Dynamic Enhancer: 6 dB/Octave High-Pass Filter at 2.5 kHz  
De-Esser: Program-Dependent Bandwidth at 8.6 kHz (Female) or 7.5 kHz (Male)

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Gain

Dynamic Enhancer: Up to 28 dB of Boost at 7.5 kHz

De-Esser: Up to 15 dB of Level Reduction

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Frequency Response 10 Hz to 70 kHz (+0 dB, -3 dB)

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Signal-to-Noise Ratio (SNR) 115 dB (Unweighted)

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Total Harmonic Distortion (THD) 0.02% Typical at +4 dBu Operating Level, 1 kHz, Unity Gain

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Crosstalk -90 dB at 1 kHz

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Power Requirement 100 to 240 VAC, 50/60 Hz, 15 W

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Dimensions (W x H x D) 19.0 x 1.7 x 5.9" / 48.3 x 4.4 x 14.9 cm

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Weight 3.7 lb / 1.7 kg

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## Packaging Info

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Package Weight 4.725 lb

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Box Dimensions (LxWxH) 20.6 x 10.1 x 4.3"

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