

Pro Tools | Mbox Family (Third Generation) Specs Comparison

	Pro Tools Mbox Pro	Pro Tools Mbox
Line Inputs (Balanced)		
Freq Response, 20 Hz - 20 kHz	+/-0.1 dB	+/-0.1 dB
Dynamic Range (A-wt)	112 dB	110 dB
SNR (A-wt)	-112 dB	-110 dB
THD+N, 1 k, -1 dBFS	-100 dB	-100 dB
Crosstalk at 1 k	-120 dB	-120 dB
Maximum Input Level	+14 dBu / +6 dBV (switched)	+4.2 dBu
Input Impedance	10 k (20 k)	10 k (20 k)
Mic Inputs (Balanced)		
	Min Gain, No Pad	Min Gain, No Pad
Freq Response, 20 Hz - 20 kHz	+/-0.1 dB	+/-0.1 dB
Dynamic Range (A-wt)	110 dB	110 dB
SNR (A-wt)	-110 dB	-110 dB
THD+N, 1 k, -1 dBFS	-100 dB	-100 dB
EIN Unwtd, 54 dB gain, 150 R	-128 dB	-128 dB
Crosstalk at 1 k	-120 dB	-120 dB
Max Input Level (No Pad)	+0.5 dBu	+4.2 dBu
Max Input Level (With Pad)	+20.5 dBu	+24.2 dBu
Input Impedance	1.8 k (3.6 k)	2.2 k (4.4 k)
Gain Range	54 dB (74 dB with Pad)	54 dB (74 dB with Pad)
Pad in dB	-20 dB	-20 dB
Inst Inputs (Unbalanced)		
	Min Gain, No Pad	Min Gain, No Pad
Freq Response, 20 Hz - 20 kHz	+/-0.1 dB	+/-0.1 dB
Dynamic Range (A-wt)	109 dB	109 dB
SNR (A-wt)	-109 dB	-109 dB
THD+N, 1 k, -1 dBFS	-98 dB	-98 dB
Crosstalk at 1 k	-120 dB	-120 dB
Max Input Level	+16 dBV	+16 dBV
Input Impedance	1 Mohm	1 Mohm
Gain Range	54 dB (74 dB with Pad)	54 dB (74 dB with Pad)
Pad in dB	-20 dB	-20 dB
Aux Inputs (Unbalanced)		
Freq Response, 20 Hz - 20 kHz	+/-0.1 dB	n/a
Dynamic Range (A-wt)	105 dB	n/a
SNR (A-wt)	-105 dB	n/a
THD+N, 1 k, -1 dBFS	-98 dB	n/a
Crosstalk at 1 k	-120 dB	n/a
Maximum Input Level	+2 dBV	n/a
Input Impedance	10 k	n/a
Line Outputs (Balanced)		
	Max Level	Max Level
Freq Response, 20 Hz - 20 kHz	+/-0.1 dB	+/-0.1 dB
Dynamic Range (A-wt)	109 dB	109 dB
SNR (A-wt)	-109 dB	-109 dB
THD+N, 1 k, -1 dBFS	-102 dB	-102 dB
Crosstalk at 1 k	-120 dB	-110 dB
Maximum Output Level	+14 dBu	+10.2 dBu
Headphone Outputs		
	Max Level, 32 R	Max Level, 32 R
Freq Response, 20 Hz - 20 kHz	+/-0.2 dB	+/-1.0 dB
Power into Ohms	60 mW into 32 R	20 mW into 32 R

* As with all Avid product specifications, these published Mbox specs reflect actual performance measurements.