

# M5000

## TECHNICAL SPECIFICATIONS:



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- Max. Input Level:** @ -8 dB gain, + 21.8 dBu  
@ 0 dB gain, + 14.8 dBu  
@ 12 dB gain, + 2.8 dBu
- Input Impedance:** 20 KOhm, electronically balanced
- Input Gain:** +/-12 dB
- Input CMRR:** DC - 1 KHz, > 60  
1 KHz - 20 KHz, > 40 dB
- Max. Output Level:** +20,8 dBu
- Output Signal Balance:** > 40 dB @ 1 KHz (BBC method)
- Output Impedance:** 100 Ohm, electronically balanced
- Output Gain:** -18 dB to + 12 dB
- Frequency Response:** 10-22 KHz, +0 -1 dB, Fs=48.0KHz
- THD:** < 0.01% @ 1 KHz, + 10 dBu
- IMD:** < 0.01% @ 1 KHz, + 10 dBu
- Dynamic Range:** > 100 dB (ADA-2)  
> 98 dB (ADA-1)
- Crosstalk:** < -80 dB @ 1 KHz
- Group Delay Linearity:** < 5  $\mu$ S
- Phase Linearity:** Better than 5
- A to D Conversion:** Delta Sigma 20 bit 64x oversampling  
18bit (ADA-1) 64x oversampling  
18bit (ADA-1) 64x oversampling
- D to A Conversion:** Linear 20bit 8x oversampling
- Sampling Rate:** 48.0 KHz, 44.1 KHz, 32.0 KHz
- Environment:** Operating, 0° C to +50° C  
Storage, -20° C to +60°
- Power Requirements:** Selectable 100/120/220/240V  
50-60Hz, 20 to 50 watts  
50-60Hz, 20 to 50 watts
- Dimensions:** 3 1/2 x 19 x 12 inches
- Finish:** Black anodized aluminum face plate  
Painted and plated steel chassis
- Net Weight:** 19 lbs. (8.6kg)