

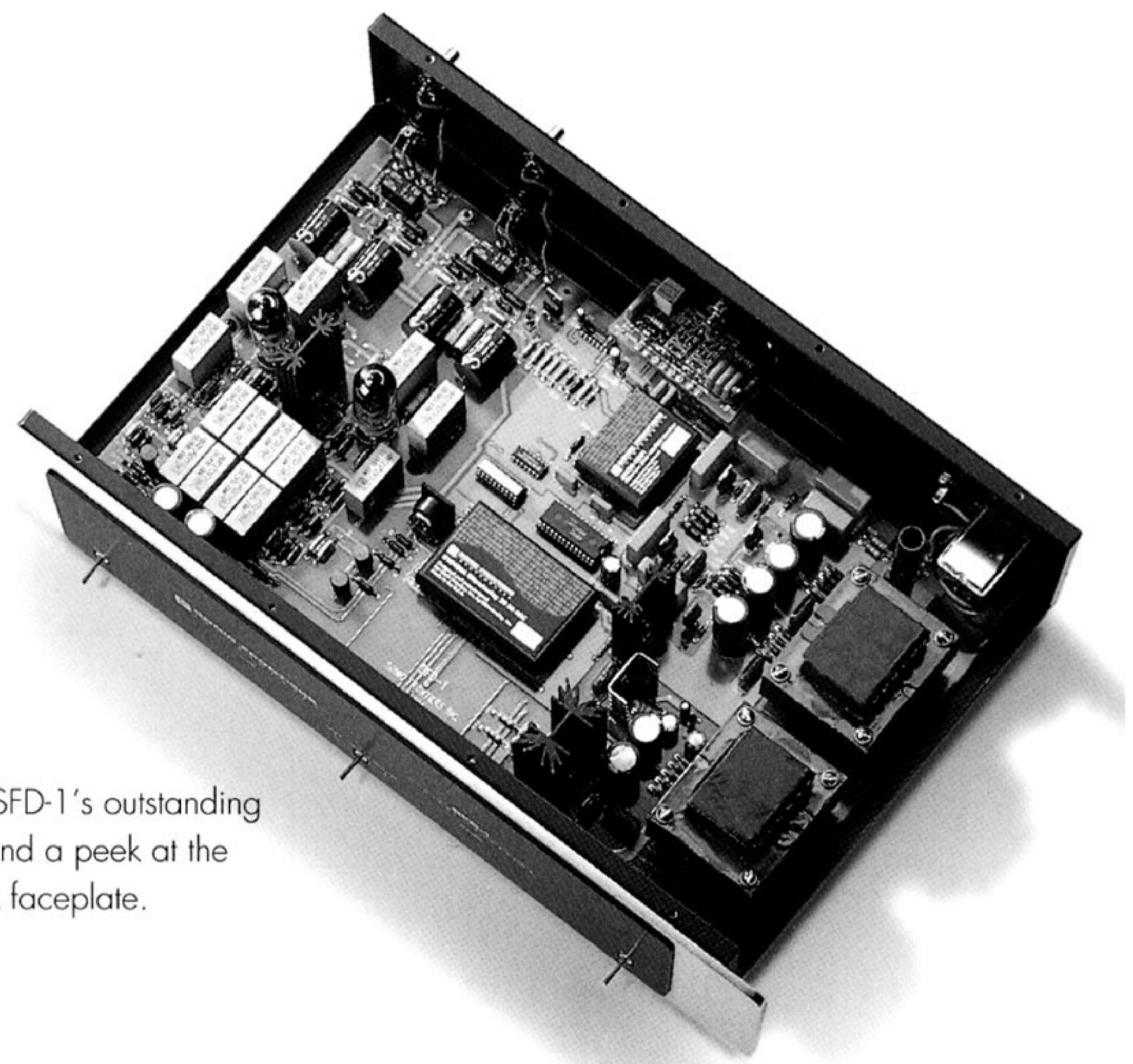
THE SONIC FRONTIERS SFD-1 DIGITAL PROCESSOR



The Sonic Frontiers SFD-1 Digital Processor has reduced the price of entry for true high-fidelity digital reproduction.

Following in the footsteps of Sonic Frontiers' flagship digital processor - the SFD-2, the SFD-1 shares many features with its critically acclaimed sibling. The SFD-1 utilizes the same D20400A digital-to-analog converter and the same AES20 digital receiver, both manufactured by UltraAnalog. These digital modules offer the latest and best sounding technology currently available for digital conversion and, aside from having an already ultra-low intrinsic jitter, the digital receiver rejects incoming jitter from the digital source from 1 kHz and above. In addition three raw power supplies feed the digital and output circuitry and, as part of the output stage, two 6922 tubes bring the SFD-1 to life with an extremely neutral and natural sounding performance.

As with all Sonic Frontiers' products, a high mass chassis encloses the highest quality parts and uncompromising craftsmanship, combining to provide an exceptional value in digital-to-analog conversion.



A look at the SFD-1's outstanding parts quality and a peek at the optional black faceplate.

FEATURES & TECHNICAL SPECIFICATIONS

Input Receiver	UltraAnalog AES20 AES/EBU ultra-low jitter Input Receiver
Digital Filter	NPC 5803 (8-times oversampling)
D/A Converter	UltraAnalog D20400A (1 Dual)
Low Pass Analog Filter	Proprietary passive configuration
Frequency Response	5 Hz to 20 kHz \pm 0.2 dB
Intrinsic Jitter	< 40 ps (picoseconds)
Jitter Rejection	From 1 kHz and above (6 dB/octave)
"A" weighted S/N Ratio	105 dB (Balanced)
Crosstalk	> 105 dB @ 1 kHz > 95 dB 20Hz to 20 kHz
THD	< 0.02% @ 1kHz < 0.30% 20Hz to 20kHz (balanced/single-ended)
Output Voltage	Approx. 3.5 Volts (single-ended) Approx. 7.0 Volts (balanced)

Output Stage	Fully balanced (for AC and DC parameters), high speed tube buffer
Digital Inputs	Coaxial (RCA), Optical (H-P ST-Type glass), Optical (Toslink)
Analog Outputs	1 pr. Single-ended RCA 1 pr. Balanced XLR
Tube Complement	2 - 6922 (E88CC)
Dimensions	19" Wide x 11" Deep x 4" High (48 cm x 28 cm x 10 cm)
Weight	19.8 lbs (9 kg) - unpacked
Warranty	5 years parts and labour 1 year on the tubes



BREAKING THE SOUND BARRIER

