

# REGAL

# PRODUCT SPECIFICATION



## REGAL DAC101

R2R D/A conversion technology is known for its musical qualities thanks to its simplicity without digital filters or feedback loops. Still, it's sensitive to clock jitter, and the final DAC sound qualities rely on the analog output stage. To tackle this, we use advanced reclocking to reduce jitter. For authentic timbre, transparent sound with a natural high resolution, we employ constant group delay filters and our patented Zero technology embedded in the circuit board.

### DAC TECHNOLOGY

R2R Non-oversampling

### DESIGN CONCEPTS

Reclocking - all digital sources

Low loss analog signal path

Constant group delay filters

Passive analog power supply

Isoacoustics damping feets

Clean design - for listeners

### DIGITAL INPUTS

USB, AES/EBU and SPDIF

### ANALOG OUTPUTS

Single Ended RCA

Balanced XLR

### FEATURES

- 24 bit PCM up to 192 kHz on all digital interfaces
- Advanced PLL reclocking for ultra low jitter
- Dual Analog Devices R2R D/A converters
- 20-bit D/A resolution. Manually trimmed linearity
- Separate transformers for digital and analog power
- 2 x 4 Farad direct power for analog audio section
- Patented Zero loss technology in the output stage

### SPECIFICATION

Bandwidth [-3 dB]	0 - 45 kHz
THD [2 kHz]	<0.003%
Output Impedance [RCA/XLR]	10/20 ohm
Clock Jitter	<1 ps
Noise Floor	-130dB
Dimensions [w x h x d]	22 x 11 x 30 cm