

# WAVELET II

## DIGITAL NERVE CENTER



### Preamp, DSP, DAC in one

A revolutionary processor that acts as a preamplifier, high-end DAC, and advanced digital crossover all combined into one unit.

### Advanced Room Correction

Features Bohmer Room Correction, which analyzes and precisely fixes complex acoustic issues in the time domain to clarify the soundstage.

### Time Alignment Manager

By managing the frequency and time alignment of the speakers, it allows the recording to be heard exactly as the artist intended.

## WAVELET II

Transform your listening experience and unlock the full potential of your audio system with the Legacy Wavelet II. This revolutionary DAC/preamp and digital crossover is the ultimate solution for audiophiles and home theater enthusiasts seeking pristine sound quality. The Wavelet II tackles the most common and challenging acoustic problem: your room. It's the essential tool for Legacy Audio room correction, ensuring the sound you hear is exactly as the artist intended.

## SPECIFICATIONS

Analog Inputs	Two pair Stereo balanced XLR inputs Two pair Stereo unbalanced RCA inputs One Measurement microphone XLR input
Digital Inputs	USB audio, 32 bit, 44.1 – 384 kHz AES/EBU & SPDIF, 24 bit, 192kHz TosLink, 24 bit 96kHz
Analog Outputs	8 balanced output channels on 8 XLR connectors 8 unbalanced output channels on 8 RCA connector All outputs: 0 dBFS*1 = 8 dBV*2 with 33 ohm output impedance.
Analog Input Adjustments	Balanced input sensitivity without attenuation 0 dBFS*1 = 1 dBV*2, input impedance 20k ohm. Unbalanced input sensitivity without attenuation 0 dBFS*1 = 1 dBV*2, input impedance 100k ohm. Analog attenuation available in three steps of -3 dB, -6 dB and -12 dB for an input sensitivity of 0 dBFS = 4 dBV, 7 dBV or 12dBV respectively.
Processor	Analog Devices with internal processing sample rate 192kHz, bit depth 64 bits
Measurement Microphone	Included
Control Interface	Legacy Wavelet app, included. Running on iOS, Android, iPad, Mac or PC device.
Control Connections	Wi-Fi or Ethernet CAT5/CAT6 connection
Dimensions [HxWxD, inches]	4.125 x 17.5 x 12
Weight	13.5 lbs

