

# SOLARIS

Inputs: AES, SPDIF, Optical, USB sample rates to 192K Outputs: Main output has discrete output amplifiers with a stepped attenuator, the max output it +24dbu The secondary output, also balanced has a max fixed output of +18dbu, balanced The Headphone Amplifier has its own stepped attenuator Mute: cuts off the main outputs and Solaris powers up muted.

The Function display is done with and LCD showing, the source, gains, and the sample rate. It also has level meters.

The Quantum DAC is the 5th generation design "QUANTUM series DAC" from Crane Song

The Quantum DAC uses 32 bit a converter and ASRC for jitter reduction up sampling to 211KHz. The reference clock has less then 1pS and a proprietary reconstruction filter for accurate time domain response. The clock's jitter measured form 10Hz to 20KHz is typically 0.045pS

Up date 20160329

### CONFIGURE Built in Pad Scale type



If you press the MUTE button before Solaris is booted up this menu will appear. This SOURCE knob will enable a 6 db pad on the main output. This will make the maximum output +18dbu. With the Pad off the maximum output is +24dbu.

The gain knob will change the displayed scale numbers. PAD type the max output is when the scale shows 0DB AVO type the maximum output is when the scale displays +12 db

## BACK PANEL REFERENCE



# SYSTEM REFERENCE for USB For both AD and DA, a complete interface



By using the AD as the master interface the clocking will be uncompromised For playback only SOLARIS can connect directly to the computer by USB

### Phase Noise L(f) in dBc/Hz



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impossible to know about