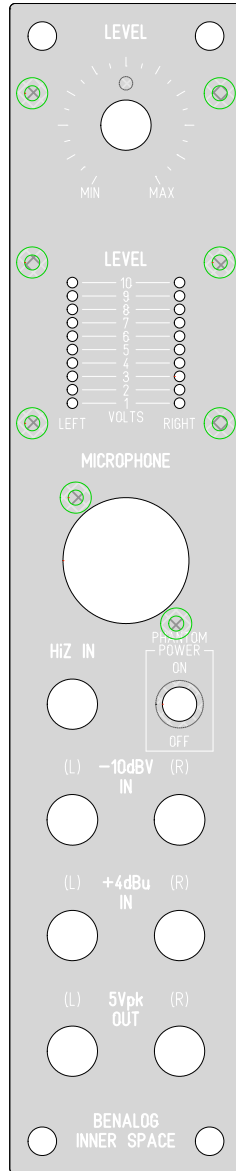


Inner Space User Guide



Introduction

The Inner Space is a Stereo/Dual Mono module designed to allow other audio sources to be input into your Modular Synthesizer. It aims to match gain, impedance and remove ground issues when interfacing your Modular Synthesizer with the other audio equipment . It is a companion module to the outer Space Module.

Microphone Input Jack

Provides a Balanced variable Hi Gain input with 48V Phantom power for most microphones. Gain can be set between 1-1000 and is by a trimpot located on the rear of the module. Input impedance is a nominal 3.3k Ω .

HiZ Input Jack

Provided a single ended Hi Impedance variable high gain sources such as guitars. Input impedance is a nominal 10M Ω . Gain can be set between 1-1000 and is by a trimpot located on the rear of the module.

-10dBV Input Jacks

Provides stereo/dual mono single ended inputs for consumer level sources such as computer sound cards and HiFi systems. The input signal level expected is -10dBV. Input impedance is a nominal 47k Ω .

+4dBu Input Jacks

Provides stereo/dual mono balanced inputs for pro-audio level sources such as mixing consoles and pro-audio computer interfaces. The input signal level expected is +4dBu. Input impedance is a nominal 50k Ω .

Output Jacks

Provides the nominal 5V peak voltage output as used in Modular Synthesizers.

Level Knob

Attenuates the output if necessary. This is a dual ganged (Stereo) potentiometer that controls the attenuation of both channels simultaneously.

LED Dot Bar Display

Gives indication of the peak voltage output of each channel.