SonicWorld

The Brick
Twin Gain V672 Class-A Mic Preamp

Quickstart Guide

The Sonic World "Brick" is a Class-A, mono, transistor mic preamp in the tradition of legendary classic tube and transistor pieces by Telefunken, TAB and Siemens.
Our goal was to create an ultra-compact front end with astonishing performance to allow the amplification of any microphone or instrument with incredible headroom.

"The Brick" is built on a modified vintage Telefunken V672 amplifier card from an age when the design of audio equipment was not determined by affordability.
In those days, Telefunken used only top quality components, such as extremely high dimensioned input and output transformers. Through its discrete, Class-A transistor design, "The Brick" produces an extremely **fat**, detailed and "expensive" sound.

"The Brick" has a maximum amplification of +64 dB. The two gain resistors on the front panel work reciprocally. Gain 1 regulates the amplifier attenuation, Gain 2 regulates negative feedback (volume) The unique "twin gain" design grants a wide variety of sonic possibilities and allows "Brick" to operate without a PAD to process high input levels that would impair its sonic charcter.

A good starting position is to turn Gain 1 all the way up and use Gain 2 depending on the required level of amplification.

The integrated, discrete transistor FET-DI provides a vivid sound that perfectly matches the sonic characteristics of the "Brick".

It uses two completely separate, symmetrical outputs that operate independently of each other: Output 1 (1/4") and Output 2 (XLR). This would, for example, make it possible to record to a DAW while monitoring through an analog device without any delay.

The chassis is made of a visually appealing blend of aluminum and stainless steel. The front panel consists of polished stainless steel, cover, bottom and back are made of brushed stainless steel.
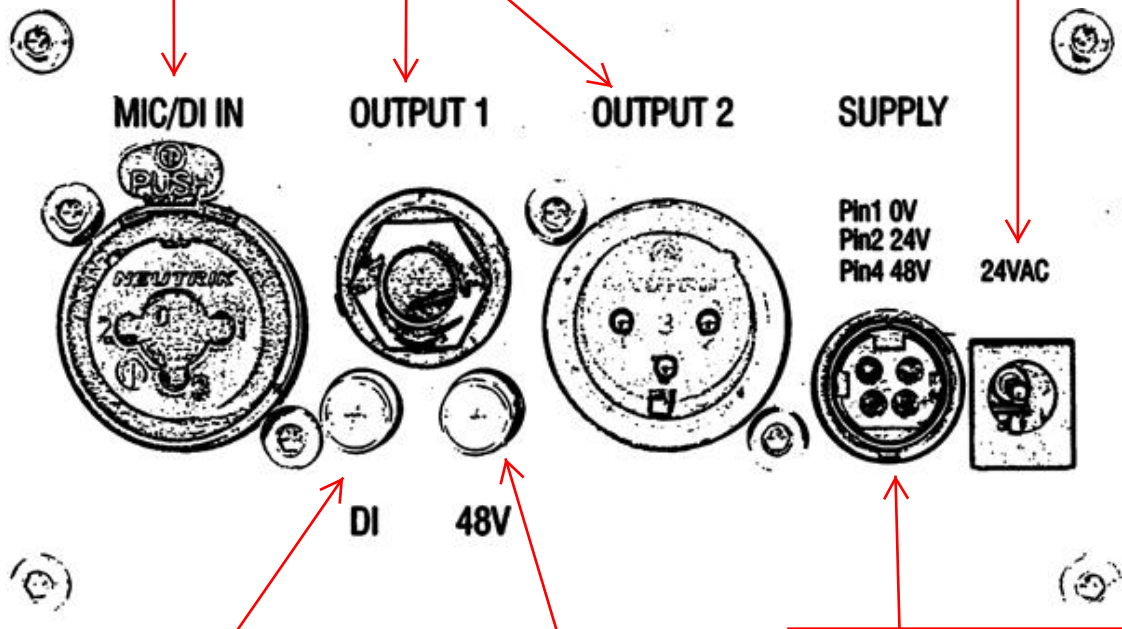
The "Brick" uses 24 V AC. A high-quality 24V AC quality power supply is included. It connects to the rear coax jack.

Back panel connectors

Neutrik XLR and 1/4" input jacks

Two completely separate outputs
Output 1 (symmetrical 1/4" jack) and
Output 2 (XLR) enable simultaneous recording
to a DAW in addition to analog monitoring without any delay

AC input jack for 24V power supply (included)

MIC/DI IN   OUTPUT 1   OUTPUT 2   SUPPLY

Pin1 0V
Pin2 24V
Pin4 48V   24VAC

DI   48V

Connectors for external 24
and 48V power supply.

DI - switch for input source.
Microphone or, when pushed in,
DI through 1/4" input jack.

48V - when activated +48V phantom power to XLR input