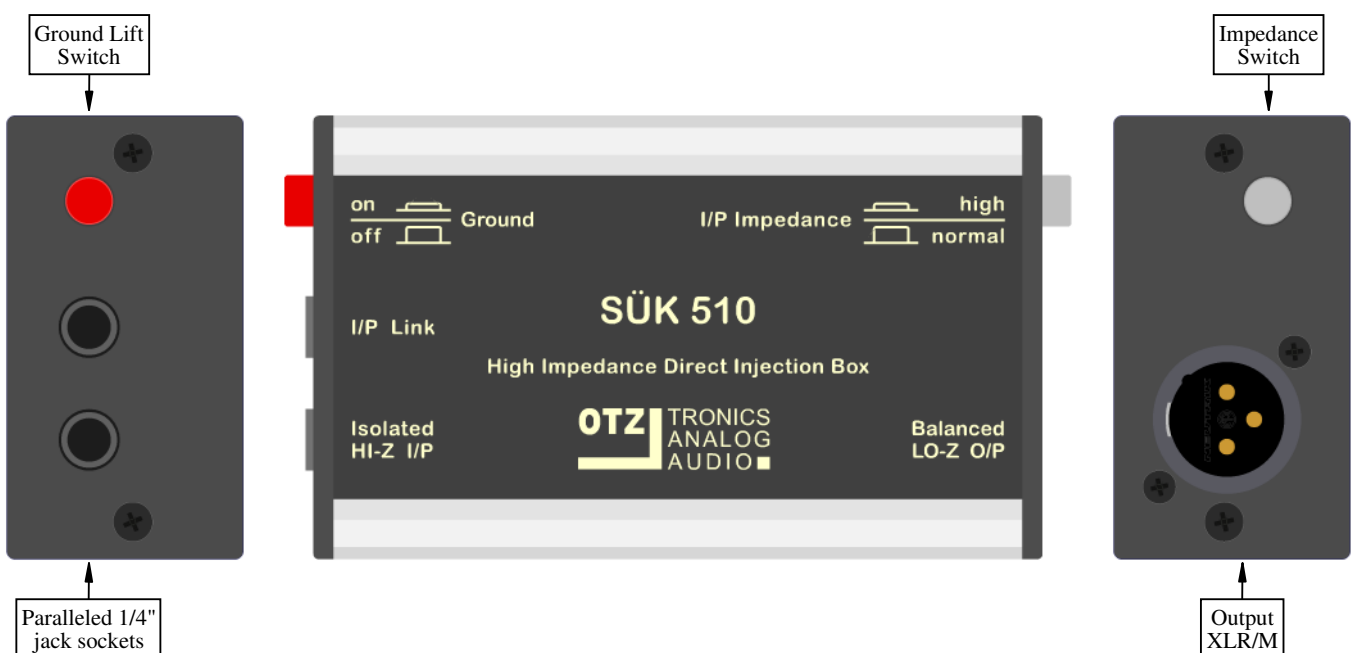


OTZTRONICS SUEK 510 HIGH IMPEDANCE PASSIVE DI-BOX

The simple and reliable way to adapt even demanding sources to microphone inputs. The special, high quality Lundahl transformer with 22 dB resp. 28 dB attenuation is also suitable for high input levels and is characterized by lowest distortion and neutral behavior at very low frequencies. The input features two bridged jack sockets, if required the input and output grounds can be connected by the Ground Lift switch. The output signal is applied to the gold-plated XLR / M.

The I/P Impedance switch changes between the normal impedance of 280kOhm and the high impedance of 560kOhm. The HIGH position results in the higher attenuation of 28dB according to the unique design. This enables the lossless and trouble-free direct connection of an electric bass or electric piano for example to mixers or preamplifiers, especially if the instrument is not equipped with its own active electronics.



SPECIFICATIONS:

Max. input level:	+28dBu / 20Hz @ THD&N ≤0.4%
(Source 200Ω / load 2kΩ)	+30dBu / 1kHz @ THD&N ≤0.001%
THD&N @ 0dBu I/P, normal:	≤0.008%/20Hz ≤0.004%/1kHz ≤0.004%/40kHz (Measuring BW 80kHz)
High Impedance:	≤0.012%/20Hz ≤0.008%/1kHz ≤0.008%/40kHz (Measuring BW 80kHz)
Frequency response:	
Source 200Ω, Load 2kΩ:	- 0.1dB/ + 0.1dB/ -0,5dB 10Hz/20k/100kHz
Source 6.8kΩ, Load 2kΩ:	- 0.1dB/ - 0.7dB/ -5,5dB 10Hz/20k/100kHz
Source 47kΩ, Load 2kΩ:	- 0.7dB/ - 6.1dB/ -17,3dB 10Hz/20k/100kHz
Phase response:	+1.0 deg / -1,5 deg 10Hz / 20kHz
Input impedance:	≥ 280kΩ / 560kΩ / 1kHz
CMRR I/P:	20Hz ≥100dB 1kHz ≥95dB 20kHz ≥60dB
Isolation:	DC 3.5kV / AC 1.5kV (limited by the ground lift switch)

Dimensions (WxDxH): 118 x 66 x 38 mm

Weight: 0.26 kg