

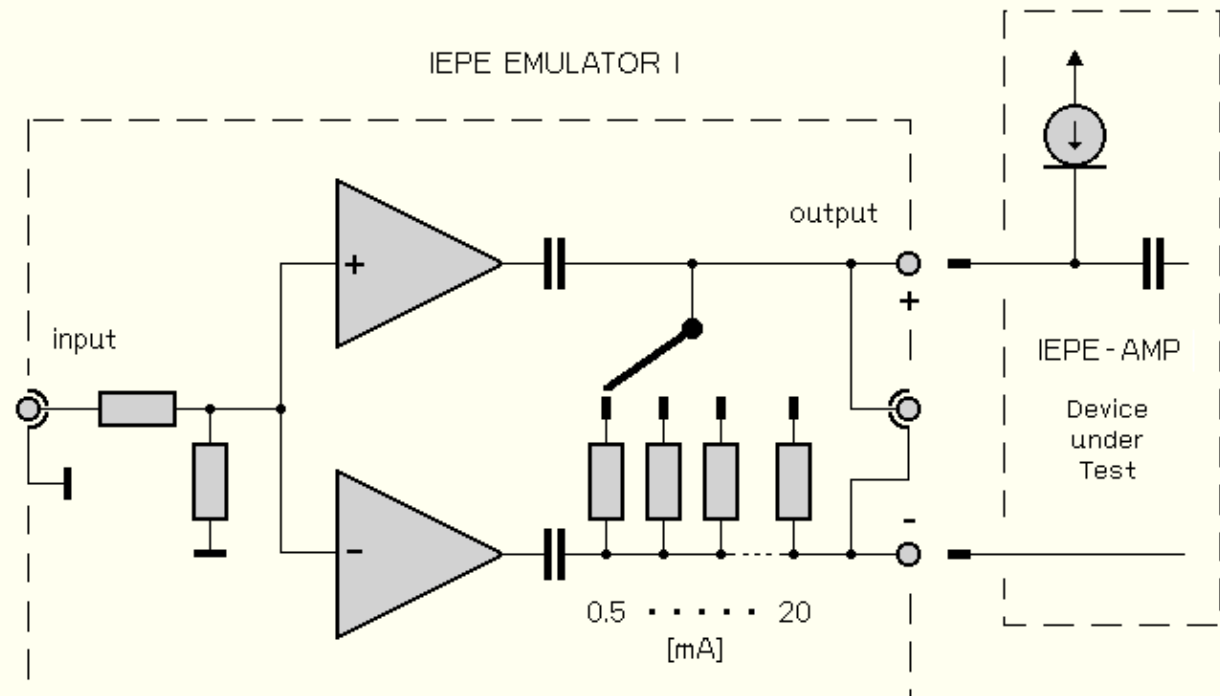
IEPE EMULATOR I Test control unit for IEPE Amps

EIGNER
MESSTECHNIK

IEPE EMULATOR I is designed for the testing cases in which no calibrated test stand (shaker) is available or the test is to be carried out with a sensor-independent signal source.

Features:

- balanced signal design
- switchable resistors for biasing constant currents of IEPE sensor excitation
 - 0.5 mA
 - 1 mA
 - 2 mA
 - 4 mA
 - 8 mA
 - 12 mA
 - 16 mA
 - 20 mA
- AC bandwidth 0.3 Hz ... 25 kHz (-3dB)
- gain = 1 [V/V]
- input/output range 0... ±10 V
- AC accuracy approx. 0.1 %
- low-distortion audio design
- external power supply 15 VAC



Operation

- Connect the provided power supply to the 2-pin DC power connector.
- Select the required excitation current at the rotary switch.
- Connect the IEPE amplifier (your **Device Under Test**) to the output banana plugs or to the output BNC connector.
- Connect an AC signal source, i. e. a function generator, to the input BNC connector (input impedance 20kOhms).
- Watch the signal by scope at the input of your **DUT** using the output BNC connector.