



LUDRE TEST MEASUREMENT AND QUALITY CONTROL SOFTWARE

LUDRE YAZILIM

<https://www.ludre.com.tr/>

UPDATE: AUGUST 2022

Ludre IEPE Signal Conditioner

1.FEATURES

TECHNICAL SPECIFICATIONS

- **Input:** 1 Channel IEPE & ICP
- **Resulation:** Analog
- **Output Range:** 4 mAmp Constant
- **Input Range:** 24 V 12 mAmp
- **Dimensions:** 7,25 cm x 4,50 cm x 2,20 cm

2.DESCRPTIONS

- Signal conditioner with 4 mAmp constant current output.

3.APPLICATIONS

- Dynamic sensor applications.

Device Name	Dimensions
Ludre IEPE Signal Conditioner	Length: 7.25 cm
	Width: 4.50 cm
	Height: 2.20 cm



Figure 1. IEPE Signal Conditioner



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4.IEPE SIGNAL CONDITIONER SETUP

We connect the input section with BNC cable between IEPE Microphone and IEPE Sensor Signal Conditioner then we make the 24V dc connection for the system to work. From the output part of the conditioner, we connect it to a software/screen where we can see the harmonic sound waves with a BNC cable. and the IEPE Microphone is ready to use.



Figure 2. IEPE Setup Signal Conditioner with IEPE Acoustic Microphone

The ' IEPE Sensor Conditioner ' is used for conditioning dynamic sensors. A constant current of 4 mA is supplied with 24 Volts and outputs the sensor value as '-10, +10'. It is a feeding tool used in dynamic sensor applications. By giving a current of 4 mA, it can transmit data from the microphone. used to convert it to signal form.