

MX013

Microphone C-130 + preamplifier PA-13

Applications

- Acoustic precision measurement with 1/2 " polarized microphones.

Features

- Robust small preamplifier
- Excellent frequency response



The **MX013** is a unit comprising the **PA-13** preamplifier and **C-130** microphone designed by CESVA technology.

The CESVA **PA-13** is a small robust preamplifier, designed to condition 1/2" polarized microphones such as the CESVA **C-130** model. It is also compatible with other makes of microphone.

By virtue of its wide frequency response and low noise level, the **PA-13** is ideal for precision applications.

Because of its low output impedance the **PA-13** can be used with long cables. The **PA-13** has high input impedance which stops the microphone from loading.

The **C-130** condenser microphone has been developed to supply the sector with greatest demand for precision pressure measurements. The use of materials such as nickel and monel, and exhaustive quality control, make the **C-130** a highly reliable microphone.

The **PA-13** preamplifier together with the **C-130** 200 V polarised condenser microphone **MX013** are the perfect solution for multi channel systems.

Characteristics

Preamplifier PA-13:

- Gain (at 1 kHz): -0.12 dB
- Frequency response: (± 0.5 dB) 1 Hz to 900 kHz small signal
- Input impedance: 10 G Ω
- Output impedance: < 25 Ω
- Power supply range: 12– 30 Vdc
- Current consumption: 2 mA
- Electric noise
 - A weighting: < 2.6 μ V
 - Lin (20-20kHz): 14.8 μ V
- Connector: LEMO 7 pins
- Diameter: 12.7 mm

Microphone C-130

- Microphone type: 1/2 " polarized
- Polarisation: 200 V
- Nominal capacity: 22.5 pF
- Nominal sensitivity: 17.5 mV/Pa
- Frequency response: (± 2 dB) 3,15 Hz to 20 kHz
- Wind screen effect:
 - <1 dB for frequencies <10 kHz
 - <3 dB for frequencies <12.5 kHz

Accessories

- Box

The characteristics, technical specifications and accessories may vary without prior notice