

Battery Box for microphones 251560

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AE 251560



The battery box (power supply) is used with microphones and other sensors which require an operating voltage and where the signal is fed to equipment that doesn't provide it, e.g. an oscilloscope, multimeter or older counter.

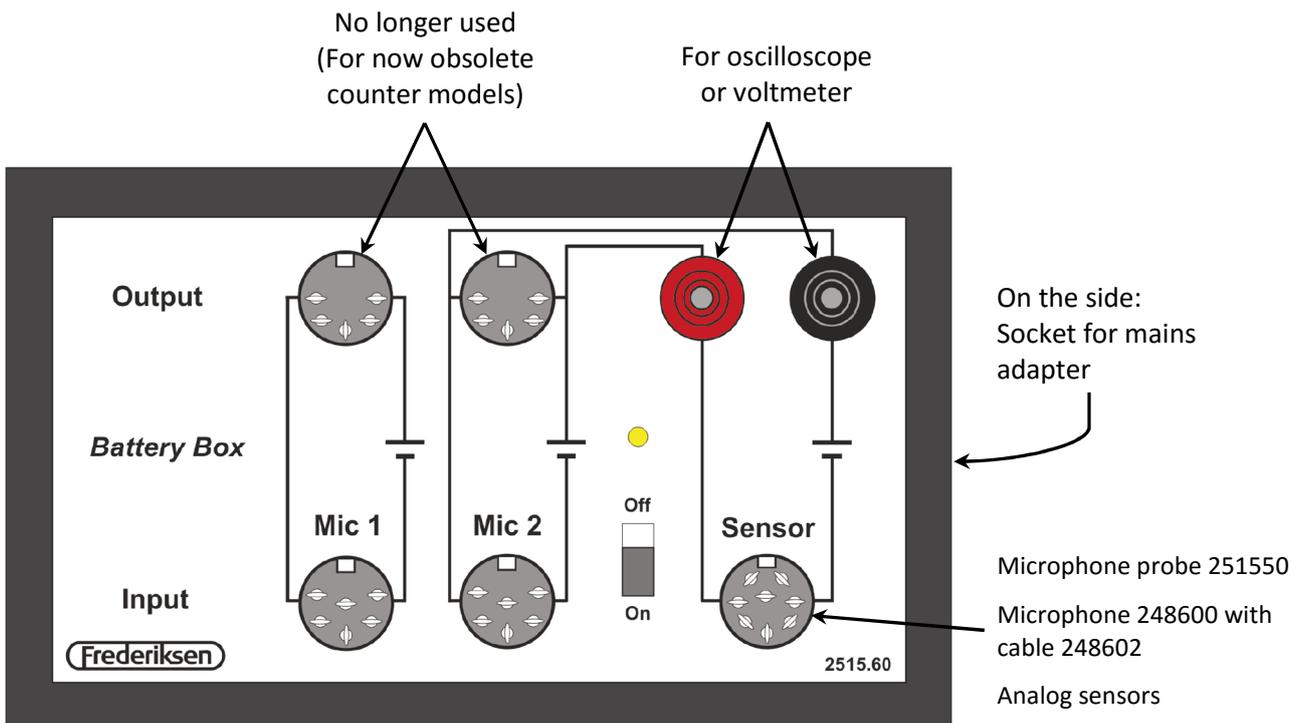
The power supply is provided with an internal 9 V block battery and with a 3.5 mm jack connector for a main adaptor.

Required accessories:

9 V battery (6 LR61) – included. A mains adaptor can be used instead. (3,5 mm jack, tip positive).

Important!

This apparatus is battery operated. The battery supplied with it is wrapped in insulating cellophane and placed in the battery holder. Unwrap the battery and place it in the holder before operation.



Operation

Microphone to oscilloscope

Microphone 248600 with cable 248601

Microphone 248510

If it is desired that the sound signal from a microphone be connected to an oscilloscope the microphone 6-pin DIN plug is inserted in the DIN connector marked "Mic 2". Using a shielded cable with 4 mm safety plugs at one end and a BNC plug in the other, connect the battery box to the oscilloscope.

Microphone 248600 with cable 248602

Microphone probe 251550

The procedure is the same when using these microphones, but in this case the microphone should be connected to the 5/8-pin DIN connector marked "Sensor".

Sensors

Many sensors from Frederiksen, Pasco and Vernier use 5-pin DIN plugs and require a 5 VDC supply voltage. (For example: IR sensor, broadband 287281). These should be connected to the 5/8-pin DIN connector marked "Sensor", and the signal can be sent to a multimeter or other read out unit using the 4 mm safety connectors.

Spare parts and accessories

Battery: 9 V block battery 351010

Net adapter: 355010

Shielded cable, 4 mm safety plugs / BNC:
110002