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## Phantom III

### 48V Phantom Power Supply

Different condenser microphones specify different amounts of required phantom power. As a rule these ratings can range from 48 volts all the way down to 9 volts. Fortunately there is some flexibility in terms of matching phantom voltage to your mic. A rough rule of thumb would be "more is better." For example, a 24-volt condenser mic will run perfectly on 48 volts. In fact mics rated at as little as 9 volts can often operate on 48 volts, but you should check with the manufacturer first. Conversely, a mic will generally perform best driven by not less than its rated voltage so, for a 48V mic, you would obtain best results with 48 volts of phantom power.

#### Specifications:

- Output Phantom Power: 48V DC +/- 2V
- Input Connector: XLR female
- Output connector: XLR male
- Output Noise: -115 dBV
- Frequency Response: 10Hz – 25kHz
- Current Drain: 14mA
- Power: 18V AC (Adapter included)
- Dimensions: 5.25 x 2.75 x 1.75 inches (130mm x 74mm x 45mm)
- Weight: 1.3 lbs. (315g)



#### Usage:

- Plug the AC adapter into the 18V AC connector and plug the other end into a 120V AC power outlet.
- Connect mic cable to the female XLR Input connector.
- Using another mic cable, patch from the adjacent (male) Output connector to a mic input on the mixer.

