



APEX APP21 Dual Phantom Power Adapter

The Facts about “Matching” Phantom Power

Condenser microphones usually specify different requirements for their phantom power. These ratings can range from 48 volts all the way down to 9 volts. Fortunately, there's a certain amount of flexibility with matching Phantom Power voltage to your mic. A rough rule-of-thumb would be “more is better.” For example, a 24-volt condenser mic usually works perfectly with a 48 volt Phantom Power Supply. Some mics rated at as little as 9 volts can operate on voltages up to 48 volts (you might want to check with the manufacturer first). Conversely, a mic will generally perform best driven by not less than its rated voltage. So, for a 48 Volt mic, you would get best performance with 48 volts of Phantom Power.

The APEX APP21

- The APP21 provides Phantom Power for one or two condenser mics.
- A three-way 12V/OFF/48V selector switch lets you choose 48V for mics rated at 24 to 48V, 12V for lower-voltage mics or OFF to conserve battery life.
- Power can be supplied by two 9V batteries (included) or an optional AC adapter.
- The power LED goes out when the unit is running on batteries and switched OFF, but remains on while an AC adapter is in use.
- Low-noise operation is featured in all modes

Operation

- a) Set the selector switch to the voltage setting closest to the mic's rating.
- b) Connect mic cable to an Input connector on the unit.
- c) Using another mic cable, patch from the adjacent (male) Output connector on the unit to a mic input on the mixer.
- d) If you are running on batteries, remember to switch the unit off when not in use.

Specifications

- Input Connectors: 2 x XLR female
- Output connectors: 2 x XLR male
- Required batteries; 2 x 9V
- Optional AC adaptor: 12V, DC
- Current Drain: 20mA
- Size: 5.625 x 1.75 x 3.625 inches (144mm x 45mm x 92mm)
- Weight: 1lb (450g)

