



## 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)

