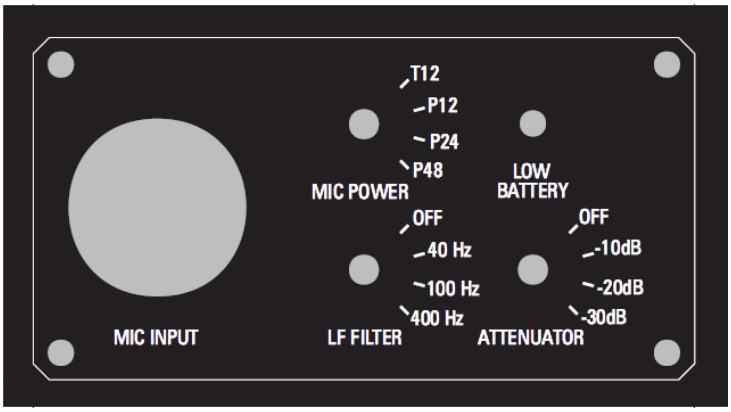
20-750 - CANFORD PHANTOM POWER SUPPLY P48 and AB(T), PP3 battery powered

A battery driven power supply capable of powering all common professional microphone powering standards. AB(T) power and various phantom power options, (fully meeting IEC268-15/BS6840 Part 15), available. The unit also offers signal input attenuation and low frequency filter options. Powering is via one PP3 size battery, (a low battery indicator is on the front panel), or by external 9V DC input. Housed in a robust Canford extruded box with protective end bezels and belt clip. Microphone in and out connections via 3 pin XLR.

Front Panel:



Mic Input: 3 pin female XLR for microphone connection.

Low Battery: LED indication Illuminates whilst still operational, but a battery change should be implemented asap.

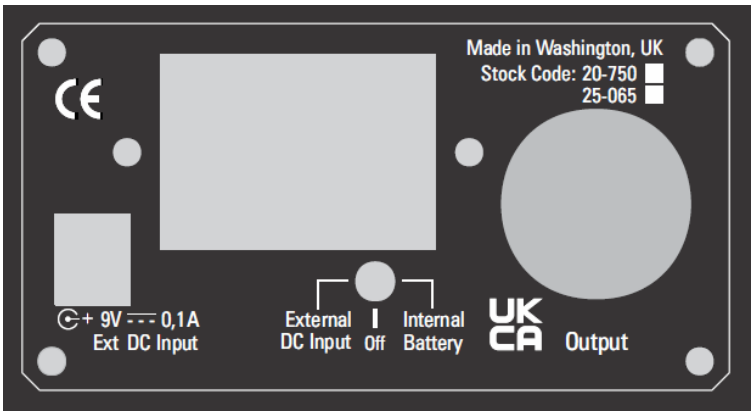
Mic Power: Rotary switch to enable one of the four mic powering options available.
Check your microphone to determine the most appropriate option.

- T12 For legacy 12V T-powered microphones, (also known as A-B power or Tonaderspeisung/Tonader Power). Widely used on portable audio equipment In the 1960's and 1970's to power suitable equipped microphones prior to Phantom power being introduced. Although microphones equipped to accept T-power have not been made for some decades, examples of such are still in working service.
- P12 12V Phantom power option. Mainly required by some commercial installation microphones as well as some devices/microphones that can also be battery powered.
- P24 24V Phantom power option. Much like the 12V option as well as sometimes being found on budget/compact/portable PA equipment and the like.
- P48 48V Phantom power option. The most common Phantom power option beloved by professional recording and broadcast microphones as well as many other types of microphones for all sorts of purposes.

LF Filter: Rotary switch to enable one of three cut off frequencies to attenuate low frequency rumble, traffic noise, ambient noise and the like from the microphone signal if such is found to be obtrusive. Switch provides a bypass/off position as well as settings to attenuate frequencies below 40Hz, 100Hz and 400Hz. Switch to achieve the desired/appropriate result.

Attenuator: Rotary switch to enable one of three level pad/attenuation levels if required. Allows appropriate signal attenuation when the microphone may be used in noisy environments or signal levels are just too 'hot' for the input stage of your recording/broadcast or other equipment post the Canford Phantom power supply. Switch provides a bypass/off position as well as settings to attenuate the microphone signal by 10dB, 20dB and 30dB. Switch to achieve the desired/appropriate result.

Back Panel:



External DC Input: External DC power input on a 2.1mm pin coaxial connector. DC power required is 9V @ 0.1A.

Battery Tray: Tray to accommodate a PP3 9V battery.

Power Switch: A 3 way switch. Central position 'off', left is 'on' via external DC input, right is 'on' via battery.

Mic output: 3 pin male XLR for microphone level output connection to your recording, broadcast, PA or other audio input equipment.

Specifications:

Mic input/output:	3 pin XLR, input on female, output on male
Mic powering options:	12V T-Power 12V Phantom Power 24V Phantom Power 48V Phantom Power
LF Filter:	Off 40Hz 100Hz 400Hz
Attenuator:	Off -10dB -20dB -30dB
External Power:	9v @ 0.1A via 2.1mm pin coaxial connector
Battery:	PP3 Type, 9V
Battery life:	5 hours approx. at 48V 10mA
Dimensions:	125(l) × 93(w) × 50(h)mm
Weight:	420g