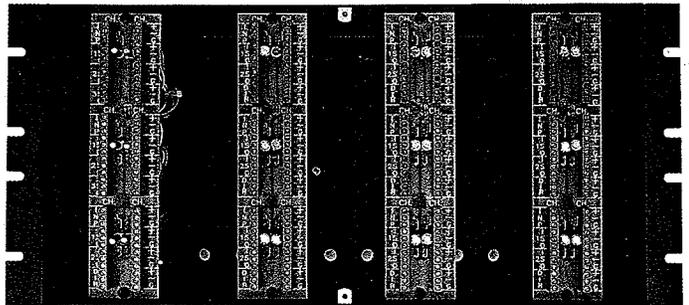


CONTRACTOR SPLITTER

The Contractor Splitter provides a convenient and reliable method for achieving rapid on-site termination of multiple wire runs. The basic configuration provides parallel and transformer isolated output splits for up to 24 microphone inputs in a standard 5-space rack mount steel chassis. It has a removable front cover which exposes eurostyle screw terminals, mounted on printed circuit cards. Each card holds splitter circuitry for six channels, and the unit can hold four cards. The time saving terminal design requires only stripping the insulation from the conductors and can hold up to 14ga wire.



Contractor Splitters can accommodate an optional phantom power bus which provides isolated phantom power to each channel from an external DC source (not supplied). The units can be ordered with or without phantom power wiring in place. Direct outputs can be AC coupled to block phantom power to the direct outs. Whirlwind TRSP-1 and TRSP-2 transformers are used for isolated microphone splitting. Jensen transformers can be provided upon request.

Model number is descriptive and is formed by completing each block from the categories below.

For example:

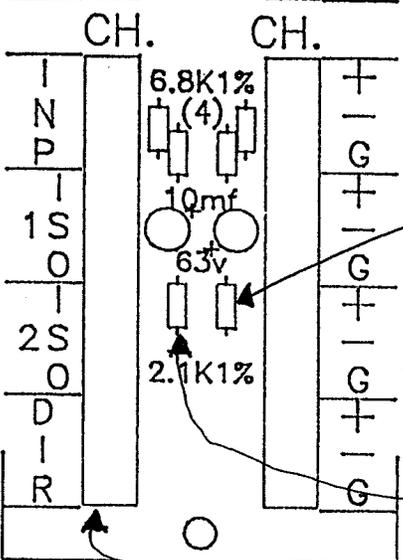
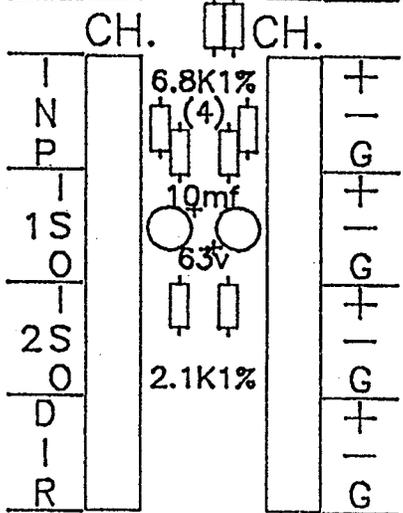
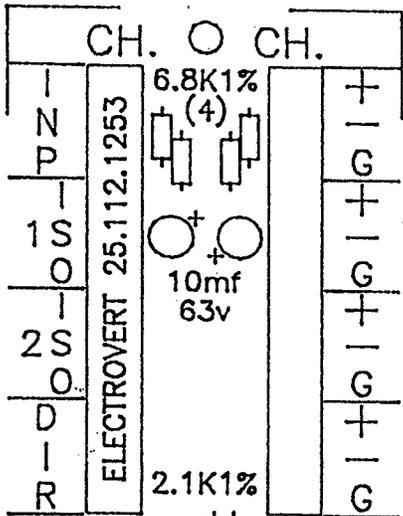
a.	b.	c.	d.
SPCON	12	YPD	SP8

- | | |
|--|--|
| <p>a. Model:
SPCON</p> <p>b. Number of Channels:
6, 12, 18, 24</p> <p>c. Phantom Power Wiring:
 YP yes, phantom power wiring
 YPD phantom power wiring, decoupled from the direct-out terminal
 NP no phantom power wiring</p> | <p>d. Type of Split:
 SP4 one direct out, one isolated out
 SP8 one direct out, two isolated out
 Other splits available</p> |
|--|--|

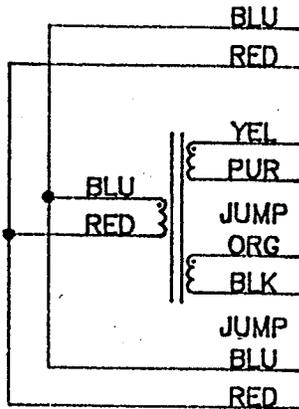
whirlwind

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 FAX: (716) 865-8930

CONTRACTOR SPLITTER DESIGN WITH PHANTOM POWER



- BLUE
- RED
- GROUND
- YELLOW
- PURPLE
- GND JUMP
- ORANGE
- BLACK
- GND JUMP
- BLUE
- RED
- GND JUMP

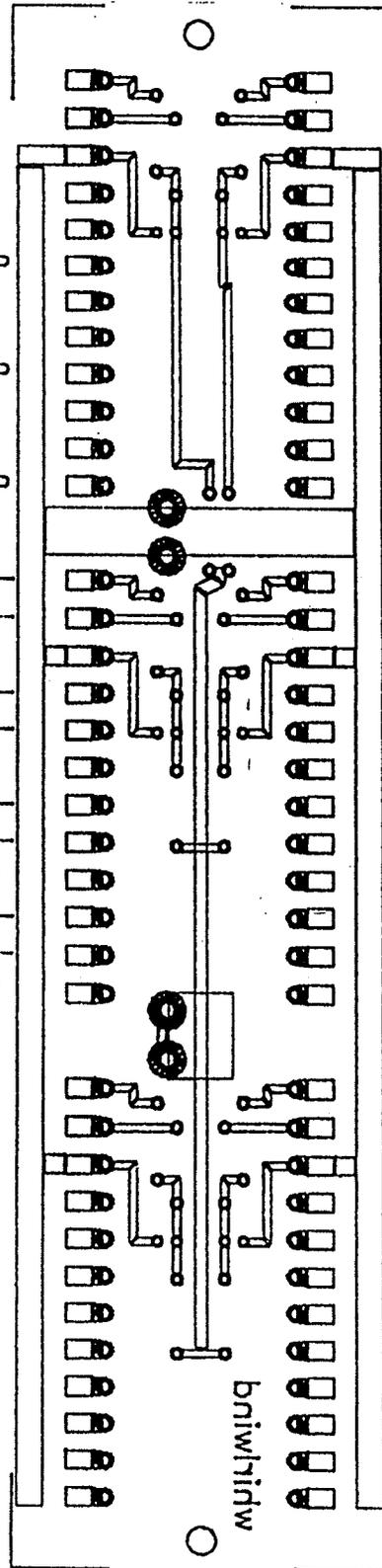


TRSP2 JUMP

CUT WHT
 AND GRN
 TWIST
 LEAD PRS
 TOGETHER

*Clip this to
 cut phantom
 to this ch.*

*Clip this to
 cut phantom
 to this ch.*



VIEW THRU BOARD

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PS-48 Phantom power supply

The Whirlwind PS-48 is a 48 volt dc Phantom power supply designed to be used with the Contractor series boxes (with Phantom power option) or any other application which requires a clean, quiet, regulated outboard Phantom power supply.

Designed to power up to 48 microphone channels, the PS-48 uses a toroidal power transformer, star grounding and triple filtering to achieve a 48 volt dc line with low noise for audio applications. A 6 screw terminal strip allows power hook up to 3 devices such as the Contractor Splitter with Phantom inject circuitry. The PS-48 can deliver up to 200 mA dc continuous, allowing 48 microphones to use 4 mA dc each, worst case. Fuses are provided internally on the AC line side and on the 48 Vdc side (in case a short is presented to the dc side).

Housed in a metal enclosure (8.5" X 4" X 1 7/8") with mounting provisions, the PS48 offers clean, quiet regulated power for the most demanding of audio applications. There is an AC on/off switch, power on/off LED, and captive AC cord. The unit can be configured for 230 Volt 50 Hz use with an internal jumper change.