



ALTV1224C AC/DC Dual Output Power Supply

Overview:

The Altronix ALTV1224C AC/DC Dual Output Power Supply is designed to provide both 12VDC and 24VAC outputs where a combination of both AC and DC outputs are required. Provides eight (8) 12VDC outputs with a total current of 3.5 amp and eight (8) 24VAC outputs with a total current of 3.5 amp.

Specifications:

- 115VAC 50/60 Hz, 1.52 amps.
- 7 amp total output current.
- 16 individually fused outputs.
- 3.5 amp supply current at 12VDC (*Fig. 1*).
- Eight (8) outputs @ 12VDC.
- 3.5 amp supply current at 24VAC (*Fig. 1*).
- Eight (8) outputs @ 24VAC.
- Output fuses are rated at 3.5 amp / 250VAC.
- Main fuses are rated at 5 amp / 250VAC (*Fig. 1*).
- Surge suppression.
- AC /DC power LED indicator.
- Power ON/OFF switch.
- Spare fuses included.
- Unit maintains camera synchronization.
- Ease of installation saves time and eliminates costly labor.

Enclosure dimensions: 15.5"H x 12"W x 4.5"D

Optional available with 220VAC input order model # ALTV1224C/220.

Installation Instructions:

Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/NFPA 72/ANSI, and with all local codes and authorities having jurisdiction. Product is intended for indoor use only.

1. Mount unit in desired location. Mark and predrill holes in the wall to line up with the top two keyholes in the enclosure. Install two upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the two upper screws, level and secure. Mark the position of the lower two holes. Remove the enclosure. Drill the lower holes and install the three fasteners. Place the enclosure's upper keyholes over the two upper screws. Install the two lower screws and make sure to tighten all screws (*Enclosure Dimensions, pg. 2*). Secure enclosure to earth ground.

2. Slide switch SW1 (*Fig. 1*) to OFF position.
3. Connect the AC (115 VAC 50/60 Hz) to the two black and white flying leads of the transformers (*Fig 1*).
4. Measure output voltage before connecting devices. This helps avoid potential damage.
5. Connect devices to output terminals using the following procedure (*Fig. 1*).

Connect each DC device to terminal pairs on DC output board 1 thru 8, marked [P (+) and N (-)] carefully observing correct polarity.

Connect each AC device to terminal pairs on AC output board 1 thru 8, marked [P (+) and N (-)].

6. When batteries are being used the DC output voltage must be adjusted by turning the trim pot VR1 (*Fig 1*) clockwise to increase the output voltage to 13.7 VDC. Connect battery to terminals marked [- BAT +] (*Fig. 1*) on the unit (battery leads included).

CAUTION: Determine the maximum operating voltage of the equipment being powered before adjusting the output voltage. When the battery charging voltage is increased the DC output voltage will also increase.

7. Slide switch SW1 (*Fig. 1*) to ON position.
8. Green LED on the PD8's will illuminate when power is present.
9. Upon completion of wiring, secure enclosure door with screws (supplied).

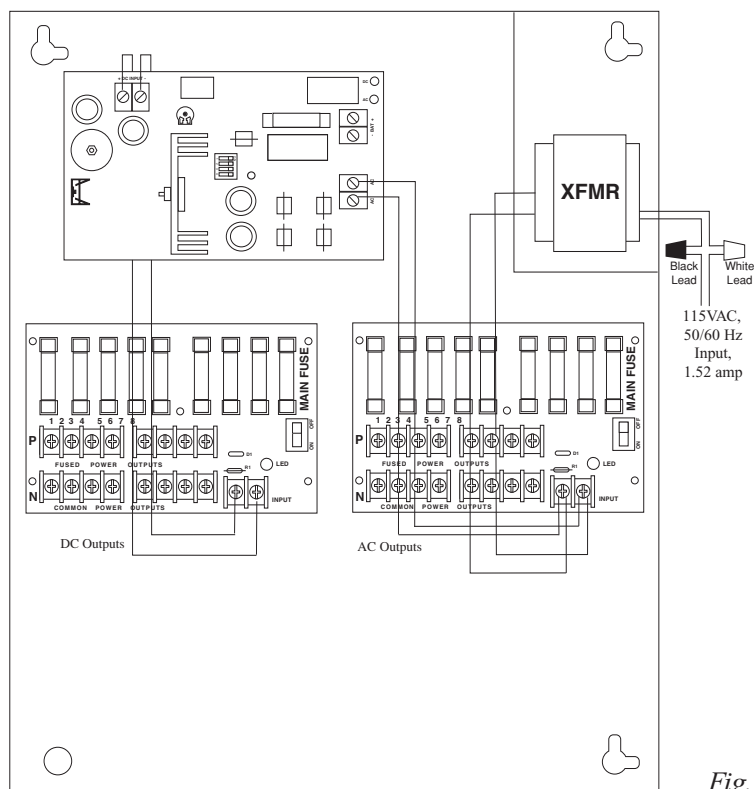


Fig. 1

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to rain or moisture. This installation should be made by qualified service personnel and should conform to all local codes and in accordance with the National Electrical Code.

Terminal Identification:

SMP5

Terminal Legend	Function/Description
AC/ AC	Low voltage AC input (24VAC / 175VA). Altronix part # T24175.
+ DC -	12VDC @ 3.5 amp total supply current.
- BAT +	Stand-by battery connections. Maximum charge rate .5 amp.

PD8 (DC Output)

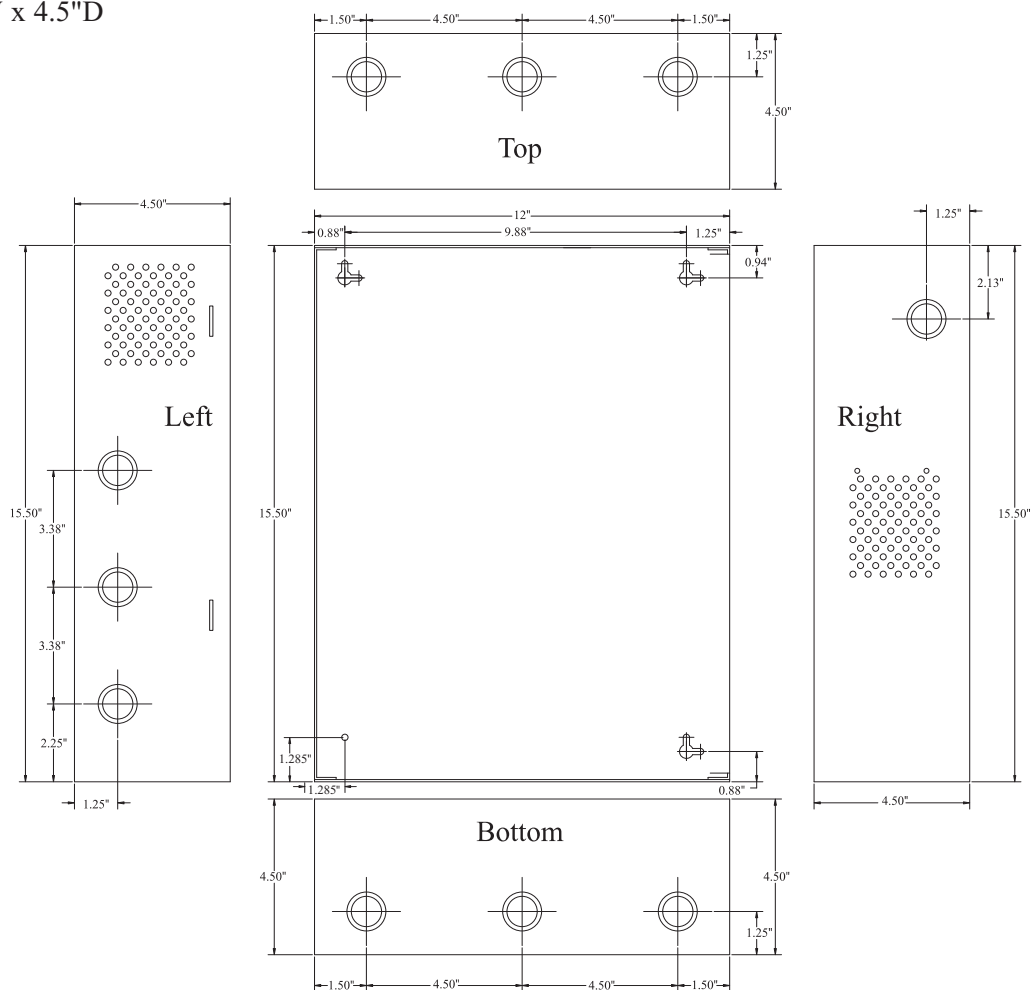
1P - 8P	Positive DC power outputs.
1N - 8N	Negative DC power outputs.

PD8 (AC Output)

1P - 8P	AC power outputs.
1N - 8N	AC power outputs.

Enclosure Dimensions:

15.5"H x 12"W x 4.5"D



Altronix is not responsible for any typographical errors. Product specifications are subject to change without notice.