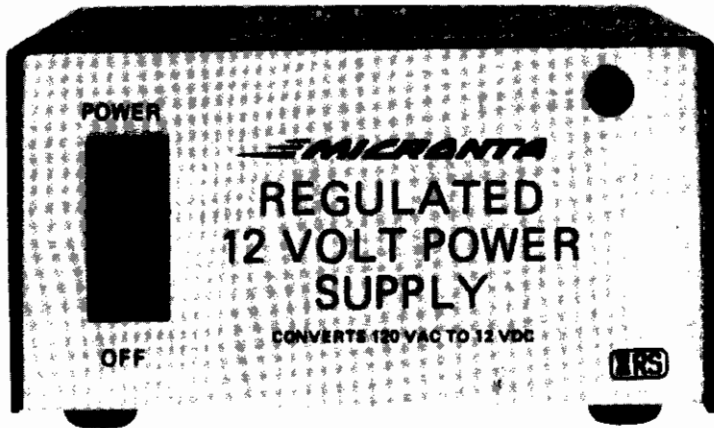


OWNER'S MANUAL


Please Read Before
Using This Equipment



MICRONTA®

12-Volt DC Regulated Power Supply

CAT. NO.
22-124 A

CUSTOM MANUFACTURED IN U.S.A. BY RADIO SHACK  A DIVISION OF TANDY CORPORATION

Your power supply ...

... converts ordinary household current into 12-volt DC.

You can use it to power almost any auto accessory — car radios and tape players or mobile CB and communications gear. And because it's regulated, it makes an ideal bench power supply for hobbyists and technicians.

For safety, your new power supply is protected against overloads and its rugged solid-state construction should provide years of reliable service.

Specifications

Input..... 120 VAC, 60 watts max.
Output .. 13.8 VDC, 2.5 amps continuous (5 amps, surge)

CAUTION: Do not expose to rain. Replace defective cords or wires immediately.

BEFORE MAKING CONNECTIONS:

1. Be sure the Power Supply is unplugged.
2. Place the switch in OFF position.

Connections

Connect the (+) wire from the equipment you want to power to the OUTPUT (+) screw on the rear panel of the Power Supply and the (-) or ground wire to the OUTPUT (-) screw.

Now plug the Power Supply into a standard wall outlet.

Operation

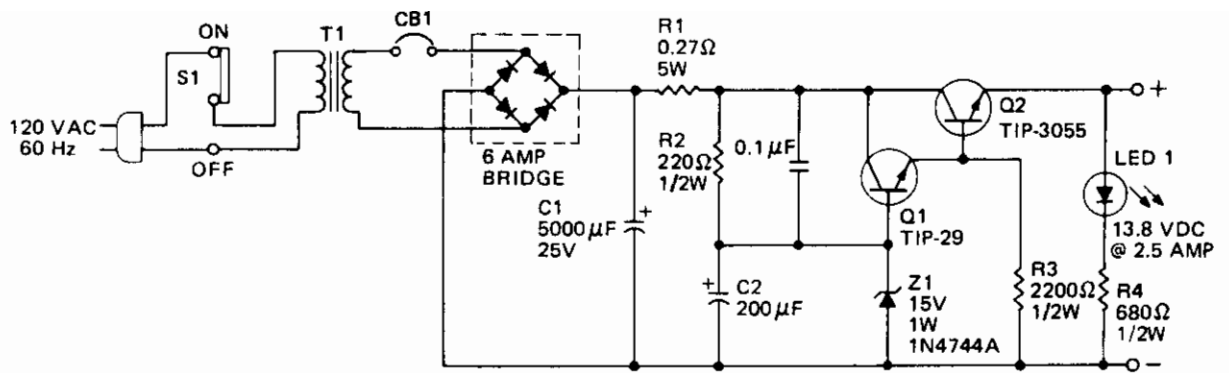
Place the switch in the POWER position to turn the Power Supply on. The light-emitting diode on the front panel should light to indicate that power is available.

Operate the radio, tape player, etc. according to the manufacturer's instructions.

To turn the Power Supply off, place the switch in the OFF position.

NOTE: If the light-emitting diode does not light and there is no output, check the circuit breaker on the rear panel. If necessary, reset it.

Schematic



Maintenance

Your Micronta Power Supply is designed and built for dependability. However, like any piece of electronic equipment, it should not be abused. Keep it away from heating equipment and do not put it in extremely humid areas.

Your Power Supply has a circuit breaker to protect against overloads. If the circuit breaker "pops out", check your connections and be sure the equipment you are powering does not draw more than 2.5 amps. Then reset the circuit breaker by pushing in on the protruding reset staff on the rear of your Power Supply.

Parts List

DESCRIPTION	PART NO.
Electrolytic Capacitor 5000 μ F @25V	992-0112
Electrolytic Capacitor 220 μ F @ 16V	992-0014
Disc Capacitor 0.1 μ F @25V	992-0144
Transformer	993-0404A
Transistor MJE3055K	994-0923
Transistor MJE31	994-0312
Zener Diode 15V/1W	994-0699
LED	994-0703
Bridge Rectifier 6 Amp	994-0695
Circuit Breaker 3.57 Amp	995-0040
Power Switch SPDT	996-0100
PC Board	871-0701

RADIO SHACK LIMITED WARRANTY

This equipment is warranted against defects for 90 days from date of purchase. Within this period, we will repair it without charge for parts and labor. Simply **bring your sales slip** as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage.

This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

We Service What We Sell

RADIO SHACK  **A DIVISION OF TANDY CORPORATION**

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