

Base station adjustable power supply modification



Overview

Astron sells fixed (RS, RM series) and adjustable (VS, VM series) 14 volt linear power supplies, with and without meters. Most power supplies are marked and advertised by the peak amperage. IF you are only connecting one radio (up to 50 watts) to the power supply then any 30 amp supply. And hams are always in need of one more 12 volt power supply to run station equipment or accessories. It's. I just bought a new Bearcat 980 SSB, we will be moving to a semi-remote area hill-top and I want to use it as a SSB/CB base station for emergencies and skipping, instead of as a truck mobile. It should be accepted that these modifications will likely not pertain to other models. They are model TBA30A1-1100, rated for 14 amps at 28V.

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Bearcat 980 SSB

Since ripple on the DC supply can translated into noise on your transmitted signal, you want to use a good regulated power supply that's designed for communications use. I tend to use ...

Power converter for base station

My 100 watt base ham radios requires 23 amps at its greatest draw. Also, the quality of a power supply is important. A power supply that suddenly provides higher than acceptable voltage will ...



Base station adjustable power supply circuit description

About A detailed project on designing and simulating a 12-18V adjustable DC power supply, including circuit design, simulation results, and performance evaluation.



Motorola HPN3000A power supply modification

At the intersection of those two truths is the Motorola HPA3000A power supply. It's a rugged, brute-force linear regulated power supply designed to power Motorola's Spectra base stations.



Jetstream JTPS35BCM Switching Power Supply Mods , Projects

I wanted to add Power Poles directly to the back of the power supply, and while I was at it I replaced the little speaker terminals on the front of the unit with some also.

Adding Variable Voltage and Current Adjustments to Astron Linear Power

You can implement adjustable voltage, adjustable current, or both. Pick the one (s) you want or need. If your supply has two meters, put the voltage adjust pot under the voltmeter and the ...



Power Supply Box vs. Battery for base setup

Eliminating the solar component entirely, this battery and charger would seem to me as a great solution to completely



replace power supply boxes. The cost is comparable if not cheaper.

Power Supply Solutions for Wireless Base Stations Applications

Luckily, MORNSUN has a series of power solutions designed to provide state-of-the-art reliability while also curbing any unnecessary costs related to their installation, application, and maintenance of ...



Repeater power supply information/modification? : r/amateurradio

Hey all, A friend recently got his hands on a couple of really beefy power supplies, originally designed to go with the tait base station/repeater system called TB8100 - more info here. They are model ...

Modification Instructions for the DPS-1200FB A Power Supply

You would like to see the OVP limit at

least 0.2V above your desired output voltage. Once the OVP limit is verified, simply adjust the output voltage to that desired for the target application. Remove power ...



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