

How many volts of power does the integrated base station use





Overview

What are the components of a base station CB system?

Remember, the longer the CB antenna, the more potential range that you will have. The basic components for a Base Station CB System include a CB radio, power supply (if you are using a mobile CB radio instead of a base station CB radio), coax, and an antenna.

How much power does a CB radio have?

Keep in mind that, regardless of size, all CB radios have a power output of 4 watts as allowed by the FCC. If you select a radio without a built-in SWR meter, you will need an external SWR meter (you can select one in the accessories tab) to tune your antenna. Tuning your antenna is VERY important.

Can I use a mobile CB radio with a power supply?

To save on cost, you can use any mobile CB radio in your base station setup if you add a power supply to your system. A 5-amp power supply works great for powering a 12-volt CB radio. You can pair this power supply with any mobile CB radio, including popular models such as the Cobra 29 LTD, President McKinley SSB, and the Galaxy 959 SSB.

Can a 5-amp power supply power a 12 volt CB radio?

A 5-amp power supply works great for powering a 12-volt CB radio. You can pair this power supply with any mobile CB radio, including popular models such as the Cobra 29 LTD, President McKinley SSB, and the Galaxy 959 SSB. As always, choose the radio based on the features you need, such as SSB, weather channels, talkback, etc.

Can a mobile radio be used as a base station?

Of course, there is a little matter of power. A mobile radio is specifically designed to operate on DC power from a vehicle. It has no internal power



transformer or inverter of its own, so it isn't made to plug into the AC wall outlet of a home or office building. In that case, how do you power a mobile radio for use as a base station?

That's easy.

Which base station Radio will plug directly into my wall outlet?

We have selected the Galaxy DX2547 first, as this is the only base station radio that we offer that will plug directly into your wall outlet. You can choose to get a mobile CB radio, like the DX959B, but will require an additional power supply.



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[what kind of power supplies do you guys use for base station](#)

That radio should run from 11.73v to 15.87v but at 12v and 5 amps, you'll probably put too much demand on that little power supply. I use a switching power supply similar to this ...



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