

Forum:[Hack Forums](#)

Thread: [FM Transmitter](#)

Papa Cuda - December 1, 2016, 10:48 am

Hey guys.

Found a cool DIY project on how to build your own FM Transmitter for pretty cheap. Thought I'd share with you guys.

[Click here.](#)

Anyone know how you could make this even more powerful? The specifications say it can reach 1/4 mile. I want to make it more, seems like you can have a lot of fun with this. Mainly for trolling purposes.

Enjoy!

Stupid Fool - December 1, 2016, 12:35 pm

it's so little!! ?

I dont know about building a bigger one but you can easily buy amplifiers on ebay. So your Fm radio can be thousands of watts if you really want

Papa Cuda - December 1, 2016, 6:28 pm

(Dec 1, 2016 01:35 PM)Stupid Fool Wrote: [\[CITE\]](#) it's so little!! ?

I dont know about building a bigger one but you can easily buy amplifiers on ebay. So your Fm radio can be thousands of watts if you really want

I was thinking of trying so scale it and have one that runs off a 12 watt battery. Getting an antenna and maybe one of these amplifiers. I'm totally new to this kind of stuff so this is why I tured here :P

I'm pretry sure this will be awesome and hilarious. Especially since I live so close to a highway. If I can extend the distance I can troll pretty hard.

webdev77 - December 2, 2016, 4:08 pm

(Dec 1, 2016 07:28 PM)cudacore Wrote: [\[CITE\]](#) I was thinking of trying so scale it and have one that runs off a 12 watt battery. Getting an antenna and maybe one of these amplifiers. I'm totally new to this kind of stuff so this is why I tured here :P

I'm pretry sure this will be awesome and hilarious. Especially since I live so close to a highway. If I can extend the distance I can troll pretty hard.

Just a heads up, I think you mean 12V battery. Watts are a unit for power, not energy storage. Watt-hours would tell you how much power is stored in a battery and amp-hours are a measure of capacity

kpown - December 2, 2016, 6:23 pm

Wow very cool. I definitely want to try this at some point soon.

Shadow Reign - December 3, 2016, 1:42 am

(Dec 1, 2016 11:48 AM)cudacore Wrote: [\[CITE\]](#) Hey guys.

Found a cool DIY project on how to build your own FM Transmitter for pretty cheap. Thought I'd share with you guys.

[Click here.](#)

Anyone know how you could make this even more powerful? The specifications say it can reach 1/4 mile. I want to make it more, seems like you can have a lot of fun with this. Mainly for trolling purposes.

Enjoy!

Would more than likely need a specific wound of a specific gauge of copper wire on the transmitter. Usually 1/8" at five winds gets like 400 feet.

As for taking over other radios signals, you'd need a fairly large transmission tower. Your signal would have to be stronger than the competitors so if you're close to them, you might as well forget that station and pick a different one.