

Re: Mains powered very low power transmitter – need help please

Re: Mains powered very low power transmitter – need help please

Source: <http://sci.tech–archive.net/Archive/sci.electronics.design/2005–08/msg01973.html>

- *From:* "Naveed" <corlioni1976REMOVE@xxxxxxxxxxx>
 - *Date:* Tue, 16 Aug 2005 10:47:13 +0100
-

"nina.p20" <nina.p20@xxxxxxxxxxx> wrote in message
news:1124173827.485384.84010@xx
> I need to build a mains powered FM transmitter, for relative short
> distances, about 100 – 200 meter. Going to use them in a kindergarten
> and they have to be very audio sensible, and at the same time to work
> 7/24... Frequency – about 100MHz..
> I'm aware of the safety rules, they will be placed near the ceiling;
> I've seen several devices as "surveillance or spy devices", and I mean
> exactly the same devices, but for other purposes. The devices – as I've
> understood are powered by a capacitor (250V), a diode bridge, a
> regulator and an electr. cap. for filtering.
> One of the most important things – they use no ANTENA, but how this can
> be made is "mysterious" for me. They claim they use the MAINS wires as
> antenna....
> I'll be very thankful for any help, idea or circuit :)
> TIA,
> Regards, Nina

Why dont you just get a baby monitor or walkie talkie and hack/midify it to suit your needs? They tend to have channel select switches so you can select the best one to suit your needs and you dont need a license for it.

Naveed

-
- *Follow-Ups:*
 - ◆ ***Re: Mains powered very low power transmitter – need help please***
◇ *From:* nina.p20
 - *References:*
 - ◆ ***Mains powered very low power transmitter – need help please***

Re: Mains powered very low power transmitter – need help please

◇ *From:* nina.p20

- Prev by Date: ***Re: Meter overload Q***
- Next by Date: ***Re: Mains powered very low power transmitter – need help please***
- Previous by thread: ***Re: Mains powered very low power transmitter – need help please***
- Next by thread: ***Re: Mains powered very low power transmitter – need help please***
- Index(es):
 - ◆ ***Date***
 - ◆ ***Thread***