

Re: What has happened to the CRT?

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 - *Date:* Sun, 27 Nov 2005 00:36:42 +0100
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"Joerg" <notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
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> Hello Frank,

>

>>>Anyway, the F-connector jack had fallen out (!). Unbelievable. After

>>>removing the flimsy plastic back shell I saw that they had simply

>>>press-fitted the jack into the thin sheet metal of the tuner. A tuner

>>

>> I believe that. An ever increasing number of consumers want cheap stuff...

>>

>

> Sure they do. What I do not understand is why they didn't use a PCB

> mount F-connector and flip the tuner layout so that it sits at the

> bottom where the tuner mounts to the main board. This would reduce

> mechanical stress a lot and be cost neutral or even a penny cheaper.

> Crimp-in connectors usually cost more and a PCB mount would reduce the

> hand solder joints by one.

>

> I probably would have gone a step further and integrate the tuner on the

> main circuit board. Dielectric losses would be a bit higher (cheaper

> carrier material) but I bet nobody would notice if the noise figure is a

> dB higher.

The tuner is probably made by another manufacturer, and bought as a drop-in component for 73 cents. And I bet that the F-connector only falls off in 1:10.000 sets. Your ideas are good, but way too expensive ;)

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Thanks, Frank.

(remove 'q' and '.invalid' when replying by email)

• **References:**

- ◆ **What has happened to the CRT?**
◇ From: naebad
- ◆ **Re: What has happened to the CRT?**
◇ From: Spehro Pefhany
- ◆ **Re: What has happened to the CRT?**
◇ From: Joerg
- ◆ **Re: What has happened to the CRT?**
◇ From: SioL
- ◆ **Re: What has happened to the CRT?**
◇ From: Dirk Bruere at Neopax
- ◆ **Re: What has happened to the CRT?**
◇ From: Joerg
- ◆ **Re: What has happened to the CRT?**
◇ From: Keith
- ◆ **Re: What has happened to the CRT?**
◇ From: Joerg
- ◆ **Re: What has happened to the CRT?**
◇ From: Frank Bemelman
- ◆ **Re: What has happened to the CRT?**
◇ From: Joerg

- Prev by Date: **Re: Can I use SCR as a diode? (in a RCD snubber, IGBT bridge)**
- Next by Date: **Re: Unusual functions of cheap parts**
- Previous by thread: **Re: What has happened to the CRT?**
- Next by thread: **Re: What has happened to the CRT?**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**