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First Time User Help

Hello!

I am working on a large audio project. I needed to replicate some Boss Guitar Effects Pedal enclosure holes onto a flat piece of metal. I need 3 in total. I am new to using FrontPanel so I was just wondering if someone can review my design.

I did it on a single sheet of metal to save money. Can I have them cut it into 3 pieces or should I do it myself? Here is a picture of what I am trying to replicate, very basic!

Pedal:

I just need that rectangle cutout-with the small cut up top for the LED.

And here is a screenshot of what I created:

Any problems with the way the cuts overlap, or any other suggestions?

Thanks!!!!

Posted By: Stephen Altenb on Jan 23, 2009 04:07AM Category: Front Panel Designer

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Hi Stephen,

I did it on a single sheet of metal to save money. Can I have them cut it into 3 pieces or should I do it myself?

I'm sorry but we don't cut panels after they have been milled, wouldn't be accurate. You can order three single panels or just one with a little help to cut it yourself.

If you need it very cost effective you can design your panel like this.

Here is the link to the [3-in-1 fpd file](#) and to the [single fpd file](#).

The additional cutouts in the 3-in-1 file will make it easy for you to cut them into 3 pieces. I left some material between the cutouts to keep rigidity.

Any problems with the way the cuts overlap, or any other suggestions?

Your cutouts will work just fine, however I would like to explain the difference of both tool diameter and radius.

First of all, all three cutouts overlap to give you sharp 90 degree edges.

The left one is designed with the smallest tool (1mm) and a 0 radius. This will give you the closest match to a rectangle. However, the smaller the tool the higher the costs. If you don't need such a small radius go with a bigger tool.

The middle cutout is designed with the biggest tool (3mm) and a 0 radius. The corners are also cleared but you have larger 'ears'.

The right cutout uses also the 3mm tool but has a standard half tool diameter radius of 1.5mm. If you have enough tolerance I suggest to choose this option. It is the least expensive one.

Posted By: Diane Haensel on Jan 25, 2009 09:58PM

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Daniel,

Thank you so much for your help! That is a great idea the way you made the cuts to split the panels! This will make it so much easier for me, I should have thought of this :oops:

I will order as soon as I can, this customer service cannot be beat! Thanks again!

-Stephen

Posted By: Stephen Altenb on Jan 27, 2009 12:14AM

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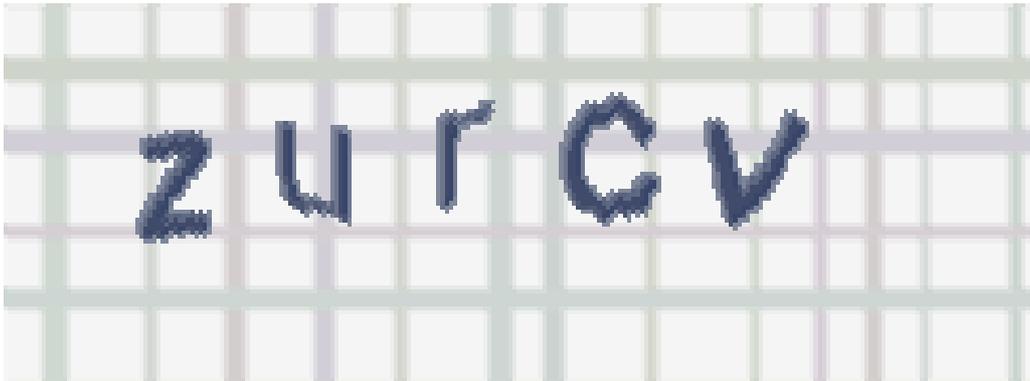
RE:First Time User Help

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