

# Upload Your Own Panel Templates & Instruments

## Adding Custom Panel Templates and Instruments to Your Panel Designer

Occasionally, you might not find the specific Panel Template or Instrument you need for your project within the Panel Designer. Whether it's a unique component or a specialized template, you have the option to reach out and contribute to expanding the available resources. This tutorial will guide you through the process of requesting new templates or instruments and uploading your own custom images to ensure your design needs are met effectively.

### Requesting a Missing Panel Template or Instrument

If you're unable to locate the Panel Template or Instrument required for your project, don't worry. We are here to help expand the library to better suit your needs. To request the addition of a new template or instrument, simply [Click Here](#) to let us know. This will open a message form where you can send a detailed request outlining the specific template or instrument you need.

Once your message is received, we will assess the request and work diligently to incorporate the new item into the Panel Designer. This ensures that not only you but also other users can benefit from the expanded selection of templates and instruments in the future.

## Uploading Your Own Panel Templates or Instruments

In addition to requesting new items, you have the option to upload your own custom Panel Templates or Instruments. This feature is particularly useful if you have specialized components that are not currently available in the public database. Here's how you can upload your own designs:

**Access the Upload Feature:** Navigate to the upload section within the Panel Designer interface. This is typically found under the **My Panel Designs**, [Upload Custom Panel Template](#) and [Upload Custom Instrument Imagery](#).

**Upload Your Image:** Select the option to upload a new Panel Template or Instrument. Browse your computer to locate the image file you wish to upload, and follow the prompts to initiate the upload process.

**Exclusive Availability:** Once uploaded, your custom Panel Template or Instrument will be available exclusively to you. This private access allows you to use your designs immediately while we evaluate them for accuracy and image quality.

**Verification and Public Addition:** We will review your uploaded items to ensure they meet the required standards. If the design is accurate and the image quality is sufficient, your custom template or instrument will be resampled if necessary and added to the public database. This makes it accessible to all users, enhancing the overall resource pool available within the Panel

Designer.

## Guidelines for Uploading High-Quality Images

To ensure that your uploaded Panel Templates and Instruments integrate seamlessly into the Panel Designer, it's important to adhere to specific image formatting guidelines. Following these recommendations will help maintain consistency and quality across all designs.

### Image Type:

- Use **.PNG** format for all uploads. PNG files support transparent backgrounds, which are essential for accurately overlaying your designs onto panel templates.

### Image Resolution:

- Ensure that your images have a resolution of at least **72 pixels per inch (PPI)**. This resolution is sufficient for clear and detailed representations within the Panel Designer.

### Image Size:

- While the Panel Designer automatically adjusts image dimensions, starting with an accurately dimensioned image improves the overall quality of the upload. For example, if you have a 3¼-inch instrument, at 72 PPI, your image should be at least **225 pixels wide**, **but no more than 1000 pixels wide**. This ensures that the instrument appears proportionate and clear within your panel design.

### Remove All White Space:

- Before uploading, crop or trim your image to eliminate any unnecessary white space around the Panel Template or Instrument. Extra space can interfere with the alignment and appearance of your design elements.

## **Use a Transparent Background:**

- Delete any white space or other background colors surrounding your image. A transparent background ensures that only the Panel Template or Instrument is visible, allowing for seamless integration into your panel design without unwanted borders or backgrounds.

## **Best Practices for Image Editing:**

- For the best results, use a quality image editor to prepare your images. High-quality editing tools provide better control over image dimensions, resolution, and background transparency, ensuring that your uploads meet the required standards for accuracy and visual clarity.

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Revision #1

Created 14 December 2024 16:57:40 by Bill VonDane

Updated 14 December 2024 16:59:27 by Bill VonDane