



3 Reasons Why Front Panel Designer is Essential for Students

Companies, university courses, and hobbyists use and love [Front Panel Designer](#) for many reasons, but in stark contrast to costly and complex CAD programs, Front Panel Designer is one of the best tools a fledgling mechanical engineer can utilize in order to further their knowledge and bring their creations come to life. Here's why:



Companies, university courses, and hobbyists use and love [Front Panel Designer](#) for many reasons, but in stark contrast to costly and complex CAD programs, Front Panel Designer is one of the best tools a fledgling mechanical engineer can utilize in order to further their knowledge and bring their creations come to life. Here's why:

1. It's Free

Furthering your education is expensive enough on its own. While many institutions offer discounts to their students on required software, nothing can compete with free. Much like Gimp as a free alternative to Photoshop, Front Panel Express is a rock-solid computer-aided design platform that allows you to conceptualize your front panel and enclosure design within the same ecosystem as the ordering and cost estimation system. This streamlines the ordering process and allows you to make changes on the fly to accommodate your budget.

2. It's Easy

With an intuitive design and comprehensive support resources, learning and using Front Panel Designer is simple - especially compared to high-priced CAD programs that require extensive training and background knowledge to fully utilize the platforms. Front Panel Designer is easy enough for first-time designers and fully-featured enough to satisfy experienced veterans.

3. It's Comprehensive

Front Panel Express is a powerful piece of software, providing built-in templates, custom designs, and ordering processes all in one platform. While the interface is designed to be easy-to-use, the results we've seen from our customers are extraordinary. Front Panel Designer provides precise milling and sizing options, color and branding capabilities, and [multiple materials and finishes](#) built into the platform itself.

Download Front Panel Designer for free [by clicking here](#). We can't wait to see what you come up with.

[Image source](#), labelled for reuse

[Tweet](#)

[« Getting Started Designing Your First Enclosure 5 Ways to Improve Your Office Aesthetics and Boost Appeal »](#)

Recent Posts

04/18/2016

Designing Component Enclosures with the Elements in Mind - A Complete Guide

[\[read more\]](#)

03/16/2016

Bumping and Shaking? How to Protect Your Enclosure from Vibration

[\[read more\]](#)

03/10/2016

Musicians: Create a Unique Sound with a Custom Effects Pedal!

[\[read more\]](#)

02/26/2016

Why Enclosure Cooling Systems Fail and How to Prevent It: Part 1

[\[read more\]](#)

02/16/2016

3 Ways to Better Customize Your Enclosure Design

[\[read more\]](#)

02/10/2016

Preventing Condensation in Electrical Enclosures

[\[read more\]](#)

02/04/2016

Audiophiles: Build Your Own Hi-Fi Amp with Front Panel Express!

[\[read more\]](#)

01/27/2016

Building Enclosures for Solar Energy - The Basics

[\[read more\]](#)

01/21/2016

NEMA Standards for Electrical Enclosures - What You Need to Know

[\[read more\]](#)

01/13/2016

3 Ways Active Cooling Protects Your Investment

[\[read more\]](#)

01/13/2016

Explaining Electromagnetic Compatibility as it Relates to Enclosures

[\[read more\]](#)

01/13/2016

4 Thermal Hazards in Control Panels and How to Prevent Them

[\[read more\]](#)

12/23/2015

3 New Year's Resolutions for Inventors in 2016

[\[read more\]](#)

12/17/2015

4 Great Gift Ideas for the Inventor in Your Life

[\[read more\]](#)

12/09/2015

Steel vs. Aluminum: Which is Best for Your Project?

[\[read more\]](#)

11/24/2015

Announcing Our Black Friday and Cyber Monday Specials!

[\[read more\]](#)

11/19/2015

Reducing Time and Cost by Modifying Enclosures to Your Custom Design

[\[read more\]](#)

11/12/2015

How to Build a Cheap Custom PC Case

[\[read more\]](#)

11/04/2015

Getting Started Designing Your First Enclosure

[\[read more\]](#)

10/28/2015

3 Reasons Why Front Panel Designer is Essential for Students

[\[read more\]](#)

10/15/2015

5 Ways to Improve Your Office Aesthetics and Boost Appeal

[\[read more\]](#)

10/12/2015

How Internal Temperature Affects Component Life

[\[read more\]](#)

09/30/2015

Choosing the Right Material for Your Component Enclosures - Part 2

[\[read more\]](#)

09/23/2015

Choosing the Right Material for Your Component Enclosures - Part 1

[\[read more\]](#)

09/17/2015

The Benefits of Producing Engraved Signs with High Speed Milling

[\[read more\]](#)

09/11/2015

High-Speed Machining vs. High-Efficiency Machining

[\[read more\]](#)

08/25/2015

Thread Milling vs. Tapping - The Benefits of Both

[\[read more\]](#)

08/18/2015

As Simple as 1-2-3: Going Step-by-Step Through Our Process

[\[read more\]](#)

08/14/2015

Tips for Faster Part Machining

[\[read more\]](#)

08/08/2015

Anodizing, Painting, or Powder Coating: Which is Best?

[\[read more\]](#)

07/25/2015

Beyond Front Panels: Other Important Products We Can Create

[\[read more\]](#)

07/18/2015

Myths About Chatter: What's Really Causing Machining Vibrations?

[\[read more\]](#)

07/11/2015

Why Anodizing is Important

[\[read more\]](#)

06/20/2015

How Front Panel Express Supports Innovators and Inventors

[\[read more\]](#)

06/13/2015

3 Ways a Custom Enclosure Improves Your Project

[\[read more\]](#)

06/06/2015

The Benefits of Using Powder-Coated Aluminum

[\[read more\]](#)

05/30/2015

The Benefits of Our Automated Design Process

[\[read more\]](#)

05/23/2015

3 Reasons Why Front Panel Express Uses Vertical Machining

[\[read more\]](#)

05/19/2015

Explaining the Benefits of High-Speed Machining

[\[read more\]](#)

05/05/2015

5 Benefits of Outsourcing Machine Part Production

[\[read more\]](#)

04/27/2015

Plastic vs. Aluminum: Which Material is Best for Your Sign?

[\[read more\]](#)

04/23/2015

How to Build Your Own Front Panel in 3 Easy Steps

[\[read more\]](#)