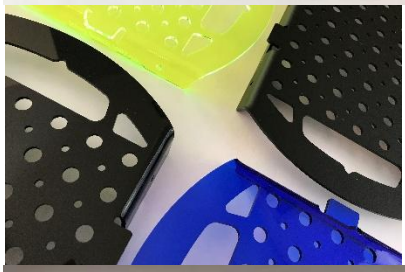
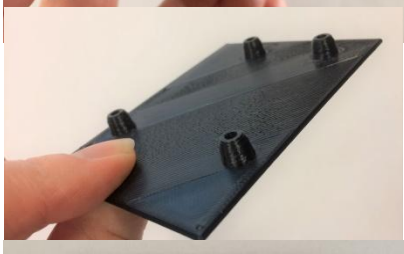
Universal WorkBench™ 1007 Project Development Kit

Spend less time figuring out how to mount components and more time connecting and programming.

"The WorkBench is just what I need for the project I am building. It's a well thought out, amazing product."

— THOMAS N., ENTREPRENEUR & MAKER





Less Frustration. More Innovation.

You bring the electronics. The Universal WorkBench is everything else needed to make your project look amazing and professional. It empowers you to transition ideas easily from prototyping all the way to field-hardened, hazardous environment deployments using the same standard interface.

1007 BASE

Use to prototype, manage electronics, and transport your projects.

- Hang by handle for easy temporary storage
- Holes on legs enable more permanent mount, if desired
- Choice of three colors (matte black, sapphire blue, neon green)

1007 COVER

Protects and makes projects easily and safely portable.

- Ample space for wire or cord through-access
- Ventilation to prevent electronics over-heating
- Holes on sides align with Base; bolt Cover to Base for extra security

CLICK™ Connectors

Mount electronics using a Slide or direct attachment methods. Clicks into the Base for easy management and layout of project.

- Kit includes four 2x3 Clicks and one 1x3 Click

SLIDE™ Adapters

Mount these named boards or any board with the same configuration.

- Arduino UNO; assemble with a 2x3 Click
- Raspberry Pi 3/4/5; assemble with a 2x3 Click
- Feather/Particle; assemble with a 1x3 Click

Assembly includes M2.5 hex nuts to be installed in the raised bosses, enabling you to easily attach and remove electronics without causing damage to the Slide.

HARDWARE PACKET

Saves you time. Includes all the small hardware needed to get started.
Hardware enables to you assemble the Click/Slide combos, mount electronics on the Slides, mount electronics directly to the Clicks (without Slides), build tower electronics, and manage wires and cables.

Universal WorkBench 1007 PDK Product Specifications

Item	Quantity	Dimensions	Material
1007 Base	1	14” x 8” x 1” overall (approx.) 54 sq. in. work surface 10x7 primary matrix; 9x6 secondary matrix	3mm acrylic sheet Choice of color (matte black, sapphire blue, neon green)
1007 Cover	1	10” x 8” x 3.5”; Approx. 2.5” clearance between Base and Cover when attached	3/32” clear gloss acrylic sheet
2x3 Click	4	Mounting platform: 2.53” x 3.35” (64.3mm x 85.4mm)	3D-printed ABS plastic
1x3 Click	1	Mounting platform: 1.56” x 3.35” (40mm x 85.4mm)	3D-printed ABS plastic
Arduino UNO Slide	1	Mount Arduino UNO, MEGA, Nucleo-64 pin or boards with same configuration.	3D-printed ABS plastic
Raspberry Pi 2/3/4 Slide	1	Mount Raspberry Pi 3, 4 or 5 or any board with the same configuration.	3D-printed ABS plastic
Feather/Particle Slide	1	Mount AdaFruit Feather 32u4 Basic, or Particle Argon, Boron or Xenon, or any board with the same configuration. Also accepts the Adafruit FeatherWing Kit.	3D-printed ABS plastic

	Quantity	Item	Purpose
Hardware Packet	13	M2.5 hex nuts	Click/Slide assembly
	13	M3.0 hex nuts	
	1	M2.5 x 20 machine screw	
	13	M2.5 x 6 machine screws	Attach electronics to assemblies
	4	M2.5 nylon male/female standoffs	Build electronics tower
	8	3/8” nylon tubular standoffs	Direct-attach electronics to Clicks
	9	#2 x 5/8” self-tapping screws	
	2 each	8-32 x 7/16 machine screws; 8-32 nyloc nuts; cable tie saddle mounts; small zipties	Cable management

Electronics Mounting Guide

No matter what electronic component you use, there is a way to mount it on the Universal WorkBench. Download the Electronics Mounting Guide eBook at https://www.phasedock.com/ebook/.

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Phase Dock Inc.

Phase Dock develops solutions to help organize, protect and transport nanocomputer and electronics projects, making it easier for Makers, technical professionals and STEM educators to innovate and accelerate learning.

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