

Universal WorkBench™ 1107 Weatherproof Kit

Prototype on your desktop. Install your project in a weatherproof enclosure in seconds.

“...the fit [of the 1107W] in the Bud case is perfect. I used to bring the entire robot inside to my bench for programming. Now I can just lift the board out and bring it in.”

— WALKER A., GROSS POINTE, MI

Less Frustration. More Innovation.

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

1107W BASE

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

- Mounts perfectly in three different Bud Industries enclosures* for outdoor or harsh environment projects.
- 3/8" standoff legs enable you to work on your project on the benchtop, and install it in the enclosure later.

CLICK™ Connectors

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

- Kit includes two 2x3 Clicks.

SLIDE™ Adapters— Your choice

Comes with a choice of one Raspberry Pi or Arduino Slide. Mount the board of your choice, or any board with the same mounting hole configuration.

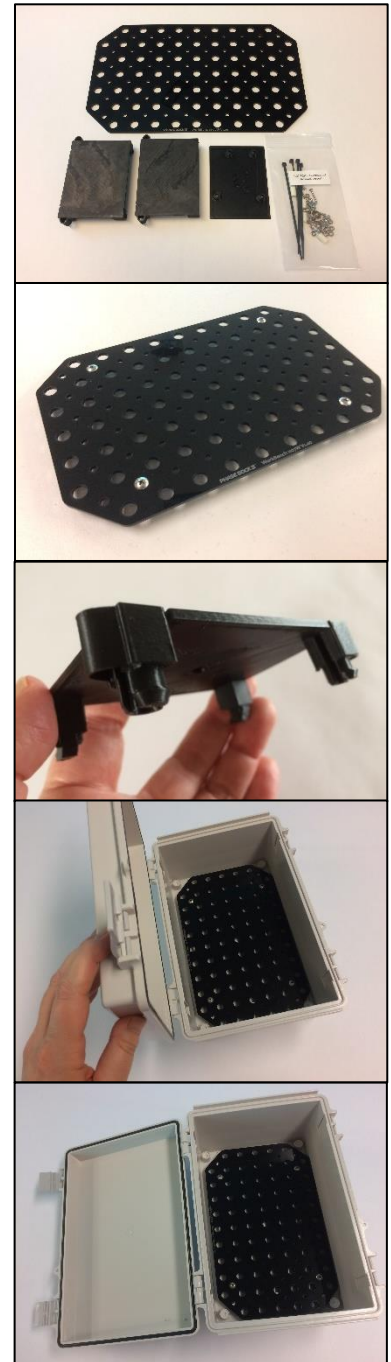
- Arduino UNO; assemble with a 2x3 Click
- Raspberry Pi 2/3/4; assemble with a 2x3 Click

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 combo, mount electronics on the Slide, mount electronics directly to the Click (without using the Slide), and manage wires and cables.



*Enclosure not included.

Universal WorkBench 1107W Weatherproof Kit Specifications

Item	Quantity	Dimensions	Material
1107W Base	1	10.75" x 6.75" Approx. 54 sq. in. work surface 11x7 primary matrix; 10x6 secondary matrix	3mm black matte acrylic sheet
2x3 Click	2	Mounting platform: 2.53" x 3.35" (64.3mm x 85.4mm)	3D-printed ABS plastic
CHOICE of ONE			
• Arduino UNO Slide	1	Mount Arduino UNO, MEGA, Nucleo-64 pin or any board with the same configuration.	3D-printed ABS plastic
• Raspberry Pi 3/4 Slide	1	Mount Raspberry Pi 2, 3 or 4 or any board with the same configuration.	3D-printed ABS plastic
• Beaglebone Black Slide	1	Mount Beaglebone Black or any board with the same configuration.	3D-printed ABS plastic

	Quantity	Item	Purpose
Hardware Packet	5	M2.5 hex nuts	Click/Slide assembly
	5	M3.0 hex nuts	
	1	M2.5 x 20 machine screw	Insertion tool for Click/Slide assembly
	5	M2.5 x 8 machine screws	Attach electronics to assemblies
	4	3/8" nylon tubular standoffs	Direct-attach electronics to Clicks
	5	#2 x 5/8" self-tapping screws	Clicks
	4	Zipties, small	Cable management
	4 each	Feet (3/8" hex nylon standoffs); #8 3/8" sheet metal screws Phillips truss head	Feet for convenience when working on projects outside of a NEMA enclosure.

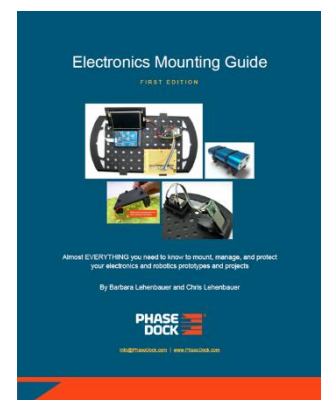
*Bud Industries enclosures are available from Digikey.com or Amazon.

- Basic ABS case – BUD 32016
- Indoor case with clear top – BUD 32216
- Outdoor case with clear polycarbonate top – BUD 32416

Waterproof cable glands may also be useful to bring power or signal cables into or out of your project enclosure.

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/>.



info@Phasedock.com
www.Phasedock.com

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.

Data Sheet Part Number: 10101

Phase Dock is a registered trademark of Phase Dock Inc.

Copyright © 2022 Phase Dock Inc.