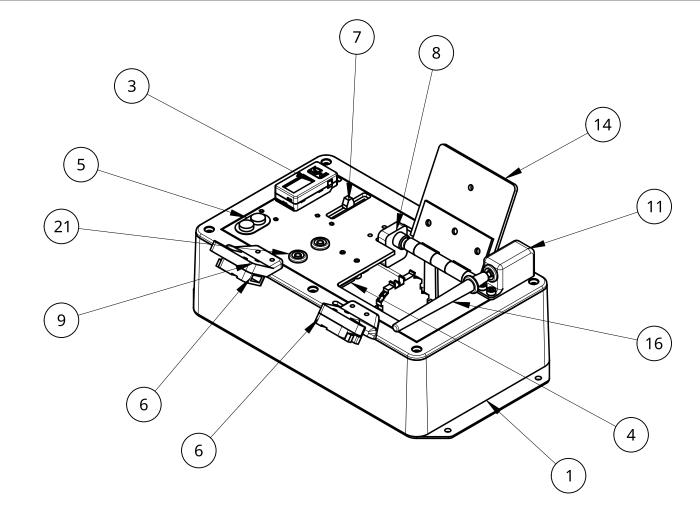
PRE-SHIPMENT INSTRUCTIONS:

- VERIFY STICKER WITH UNIQUE ID NUMBER IS APPLIED ON SHORT SIDE OF TASK BOARD NEAREST TO CONTROLLER.
- VERIFY TWO PAIRS OF VELCRO STRIPS ARE APPLIED ON THE BOTTOM OF THE TASK BOARD ON EACH LONG SIDE.

- INCLUDE IN PACKAGE TA NEW MULTIMETER TO BE USED WITH THE BRING-YOUR-OWN-DEVICE CHALLENGE.

C	Item	Quantity	Part number	Description
	1	1		Project Box
	2	8		SHCS M4x10mm
	3	1		M5StickCPlus Microcontroller
	4	1		PbHub Unit
	5	1		Dual Button Unit
	6	2		Photo Int Unit
В	7	1		Potentiometer Fader Unit
	8	1		Angle Measurement Unit
	9	1		Cable Wrap Post Left
	10	1		Cable Wrap Post Right
	11	1		Probe Holder
	12	1		Angle Sensor Mounting Bracket
	13	1		Metall Hinge
	14	1		Door
	15	1		Door Hinge Mounting Adapter
Α	16	1		Probe Tip
	17	1		Backplane
	18	1		DIN Rail Terminal Block 1-Level
	19	1		Top-Hat Rail 135mm
	20	1		DIN Rail Terminal Block 2-Level
	21	3		Banana Plug Port
	22	3		Banana Plug Port Nut



TASK BOARD PROTOCOL:

- 1. User presses the Trial Start Button to begin a recorded trial.
- 2. Robot locates the task board in the workspace and pressed the Blue Button. The screen is updated with a new setpoint value.
- 3. Robot reads the setpoint value off the screen and moves the slider to match the value.
- 4. Robot picks up probe cable and plugs it into the open test point on the box.
- 5. Robot opens up the hinged door and uses the probe to test circuit inside box.
- 6. Robot routes the cable of the probe and replaces it back on the mount.
- 7. Robot presses the Trial Stop Button to end the recorded trial.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS		NAME	DATE		
ANGULAR = ± °	DRAWN	PETER SO	01/25/2023		
SURFACE FINISH /	CHECKED			TITLE	Top Level Assembly
SURFACE FINISH	APPROVED				Competition Task Board
DO NOT SCALE DRAWING					Robothon 2023
BREAK ALL SHARP EDGES AND REMOVE BURRS				2775	
THIRD ANGLE PROJECTION	MATERIAL	FINISH		SIZE B	DWG NO. 2022-12-01-A001
\bigoplus				scale 1:3	3 WEIGHT SHEET 1 of 1

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