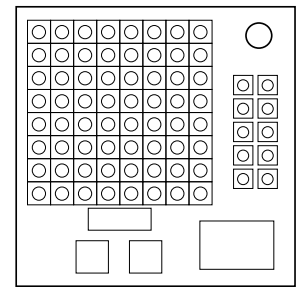


On the Subject of LEGOs

Make sure to not step on this module! Not only will the bomb explode, but your foot will really hurt.



- With this module you now have access to the latest in LEGO instruction manual technology! The display has several pages, which can be accessed by using the left and right arrow buttons:
 - **PARTS:** Use the colored buttons on the right of the display to look at all of the required pieces for the build.
 - **MANUAL PAGES:** These pages display how two pieces are connected together in the final structure. The flashing piece is the top-most piece.
 - **BUILD:** This page allows you to "draw" with LEGOs. Use the color buttons to choose the active color. Click on a brick the same color as the active color to make it white again.
- Your goal is to use the instruction manual to build a LEGO structure. Once complete, go to the BUILD page of the display to enter what it ends up looking like. Press the submit button when you are finished.
 - Be careful, however, since each instruction manual page has been rotated. Use Table 1 below to determine which cardinal direction of the manual page is facing upwards on the display.
 - Similarly, you must keep in mind the orientation of the structure as you build it. Use Table 2 below to determine whether you should enter a top-down or bottom-up view of the final structure, and which cardinal direction of the structure should be at the top of the result.

Table 1: Manual Page Rotations

Instruction Panel	Condition		Instruction Panel	Condition	
	TRUE	FALSE		TRUE	FALSE
1/11	Lit NSA Indicator Present		6/16	At Least 4 D Batteries Present	
	NORTH	SOUTH		WEST	EAST
2/12	Vowel in Serial Number		7/17	Unlit BOB Indicator Present	
	EAST	WEST		WEST	EAST
3/13	RJ-45 Port Present		8/18	Lit CAR Indicator Present	
	WEST	EAST		EAST	WEST
4/14	Empty Port Plate Present		9/19	At Most 1 Battery Holder Present	
	SOUTH	NORTH		NORTH	SOUTH
5/15	No Parallel Port Present		10/20	Exactly 3 Digits in Serial Number	
	SOUTH	NORTH		WEST	EAST

Table 2: Submission Attributes

Choose the first condition that applies:

Attribute	Conditions			Otherwise
Face	At least 5 pieces are 3x2.	The yellow piece is 4x1.	At least 12 instruction pages are present.	BOTTOM
	TOP	BOTTOM	TOP	
Orientation	The green and magenta pieces are the same size.	The structure is at least 4 bricks tall.	The orange piece is above the red piece.	SOUTH
	WEST	NORTH	EAST	