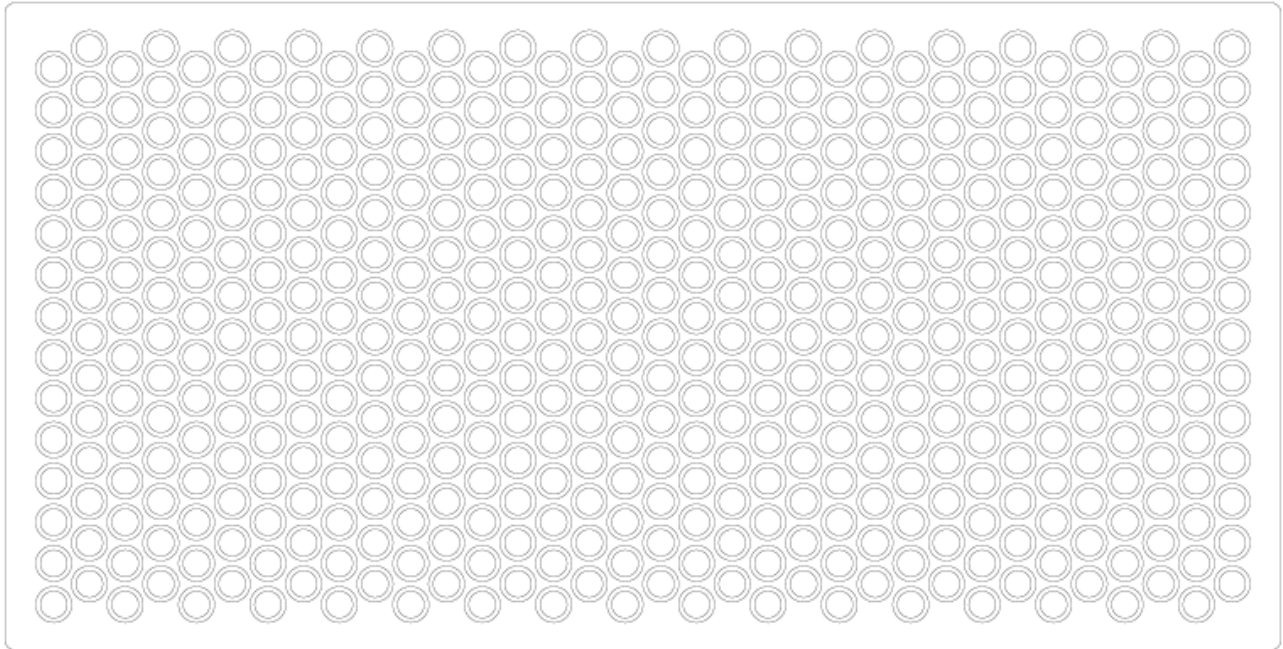


# The Everbright

*art you make art with*



## INSTALLATION REQUIREMENTS

for The Everbright Classic

This document covers the installation requirements for Everbright. All of our customers have had their facilities team, exhibit staff, or contractors handle the installation.

**LET'S BEGIN**

# PRE- INSTALLATION CHECKLIST

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## FINALIZE LOCATION

Location and mounting height are decided, and meet ventilation requirements.

## INSTALL OUTLET & SWITCH

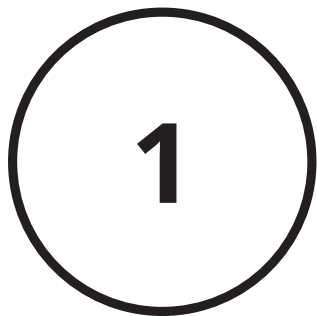
120 volt electrical outlet with dedicated 10-amp circuit and switch installed by an electrician in a power zone as indicated in installation diagram (page 5)



## PREP WALL FOR FRENCH CLEAT

Wall is prepared for french cleat with any blocking required.





# DETERMINE LOCATION & MOUNTING HEIGHT

The dimensions of Everbright Classic are 92.96 inches long, 47.26 inches high, and 5.25 inches deep. The unit weighs approximately 180 pounds.

## **Mounting Height.**

After much research and field observations, our recommendations for kids is to mount the bottom of the frame 12 to 16 inches above the floor, with 12 inches being appropriate for primarily younger kids, and 16 for primarily older kids. This allows people in wheelchairs to reach the lower row of dials, while older children will be able to reach the upper rows.

For adults, we recommend a mounting height of 20 to 22 inches above the floor, which will be compliant with ADA regulations and will allow most people to reach the upper as well as the lower rows of dials.

## **Recessing and Clearance.**

If you are planning to encase the board or to recess the wall, leave at least 3 inches on each side of the board and a minimum of 6 inches on the top and bottom of the board. There is active ventilation with fans on both the top and bottom of the Everbright, so there needs to be enough room for air to circulate. This is critical for durability.

If you do decide to recess the wall, we highly recommend a partial recess, where the top is completely open.

The function buttons are on the top left edge of the board, so you need to be able to fit a hand up there.

The French cleat will need a couple of inches of clearance to lift on and off the wall.

# 2

## INSTALL OUTLET WITH DEDICATED SWITCH

### **Power Outlet Details.**

An electrician will need to install a standard 120V power outlet anywhere inside the power zones indicated in the installation diagram on page 5 in red. The outlet should NOT be recessed in any way. It should be a standard outlet, flush with the wall.

We recommend giving the Everbright its own dedicated circuit. A 500-watt, 10-amp circuit should be plenty, as the maximum current/amps it can draw when all of the LEDs on all of the pixels are on full white is about 8 amps.

The Everbright ships with a 6-foot cord and a plug, so you can plug it right into the wall directly behind the unit. No cord will be visible once the board is installed.

### **Power Switch Details**

The Everbright does not ship with a power switch, giving you full control and flexibility over the location of the power for your specific site. When the electrician installs the outlet, they should also install a switch that is not likely to be tampered with. In a public space, the switch should be somewhere accessible to staff, but not known or obvious to the public. Switching the power on and off too many times in a row can corrupt the memory card. Do not install a "smart" switch, as these types of switches have created problems for some customers. Do not install a keyed switch unless everyone in the building who needs to access the power is guaranteed to have a copy of the key with them at all times.

Two function buttons are located on the top of the board, on the left-hand side. These buttons are resistant to tampering.

# 3

## MOUNT WITH FRENCH CLEAT

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The Everbright is a completely self-contained unit.

It does not need to connect to any external data sources.

It sits flush and securely against the wall, and requires no additional ventilation behind the wall.

Remove it from the crate, plug it in, and mount it by lifting it up and onto the French cleat.

The Everbright is fully functional and ready to operate right out of the crate.

The Everbright mounts securely to the wall with a French cleat that is included. One half of the cleat is already attached to the back of the Everbright, and the other must be attached to the wall by your facilities person or contractor using the positioning on the installation diagram.

We recommend keeping the bottom section of the crate with supports, so that it can be reused as a stand to hold the unit securely upright in the event servicing is needed in the future.