



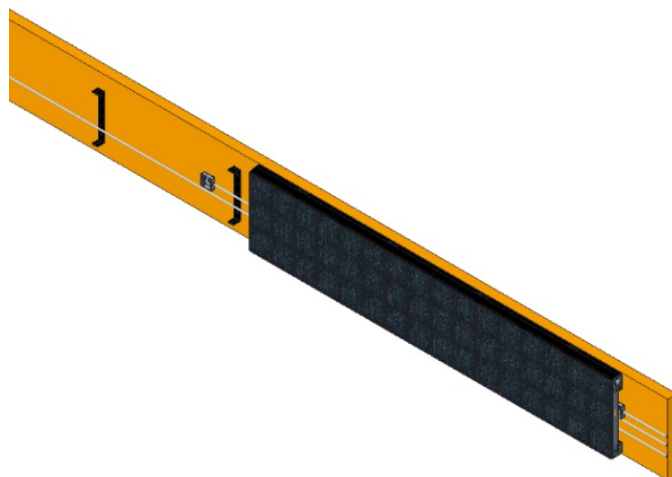
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DAKTRONICS RTN-3020 Series Mounting Structure Placement and Verification



Specifications

- **Product:** RTN-3020 Series Mounting Structure
- **Mounting Styles:** C-Clip and Z-Clip
- **Manufacturer:** Daktronics
- **Support:** Linearly scalable display layout

Description

The images in this document may reflect exaggerated sizes for better comprehension. It is the installer's responsibility to ensure the installation meets all local codes and standards. All hardware processes used during display installation must meet the approved, stamped drawings from a professional engineer.

Site Overview

During the site overview, a contractor surveys for as-built conditions of the structure or mounting location through the following procedures:

- Measuring for elevation differences
- Measuring for structural dimensions
- Checking for variation in the face location
- Scanning the concrete fascia for rebar locations (recommended)

After completing the initial site survey, the installer compares the results to the contract-specific Shop Drawing. If any variations or discrepancies exist between the plan dimensions and the site survey, contact the project manager and the general contractor for the best course of action. It is the installer's responsibility to ensure the mounting structure and hardware are built per the stamped engineering drawings and are capable of supporting the display. Daktronics is not responsible for mounting decisions made by others. Figure 1 illustrates a front view of a typical display layout that is linearly scalable with all available section sizes, and Figure 2 illustrates a front view of a typical wall support structure. Refer to the supplied display section layout documentation for dimensions (Xix) and (Yix), to the RTN-3020 Series Section Weights and Lifting Quick Guide (DD5638340) for available section sizes, and to the contract-specific Shop Drawing for horizontal wall clip locations.

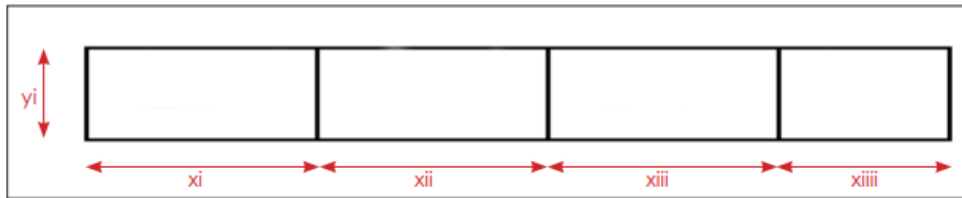


Figure 1: Typical Display Layout (Front View)

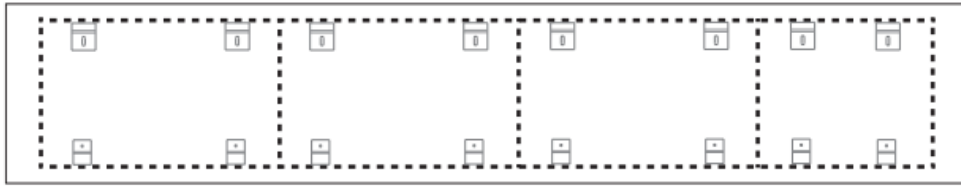


Figure 2: Typical Wall Support Structure with Display Overlay

C-Clip Mounting Style

C-Clips attach directly to the fascia with a seismic screw. Refer to the contract-specific Shop Drawing for details on clip placement. Ensure the clips are level across the entire fascia as shown in Figure 3.

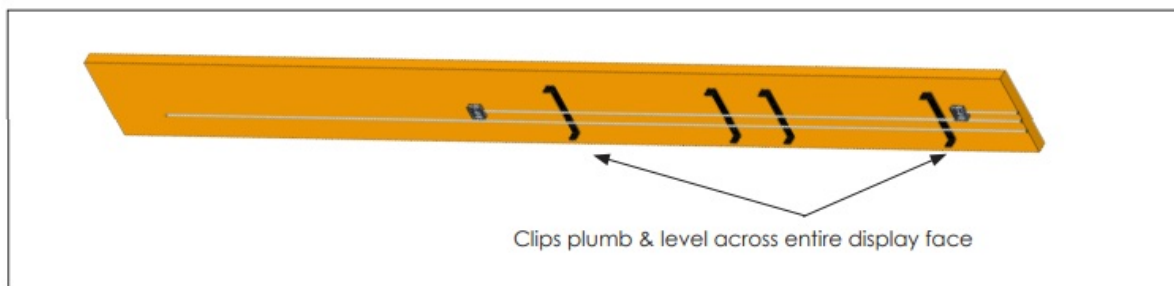


Figure 3: Level Upper Wall Clips

Z-Clip Mounting Style

Ensure the upper wall clips are level across the entire fascia as shown in Figure 4. To ensure proper anchor embedment, upper wall clips cannot be shimmed on the fascia face. Lower Z-clips can be shimmed on the fascia face, but shimming must be approved by the project team prior to installation. Any shimming must be done on the cabinet clips.

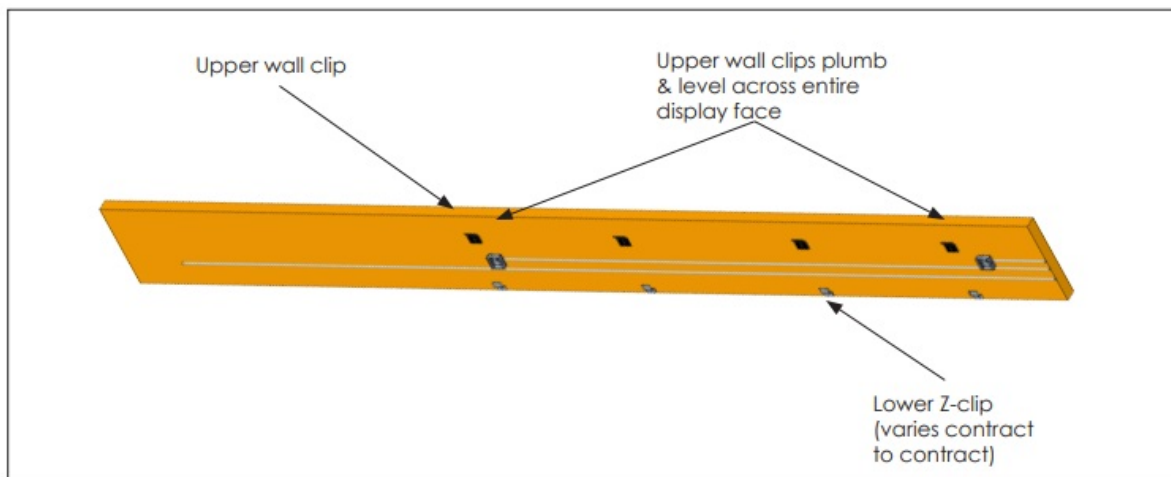


Figure 4: Level Upper Wall Clips

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FAQs

Who is responsible for ensuring the mounting structure meets standards?

The installer is responsible for ensuring the mounting structure meets all local codes and standards.


Can the Z-Clips be shimmed for adjustment?

Lower Z-Clips can be shimmed on the fascia face with prior approval from the project team.

What should be done if there are variations between the site survey and the Shop Drawing?

Contact the project manager and general contractor for guidance on the best course of action.

Documents / Resources

	<p>DAKTRONICS RTN-3020 Series Mounting Structure Placement and Verification [pdf] User Guide</p> <p>RTN-3020, RTN-3020 Series Mounting Structure Placement and Verification, RTN-3020 Series, Mounting Structure Placement and Verification, Structure Placement and Verification, Placement and Verification, Verification</p>
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References

- [User Manual](#)

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