

VC-Grid™ and VC-Strip™ Mounting Frame Installation Guide

Safety information



Warning! Read the following information and read the safety precautions in the products' user documentation before installing products in the Martin VC™ family using Martin™ mounting accessories. User documentation is supplied with products, but check that you have the latest documents. These are available for download from the Product Support pages at www.martin.com



Warning! Accessories must be installed by qualified professional technicians only. All locally applicable safety and building regulations must be respected. Check that the mounting surface can safely support the weight of all the items you intend to install on it. Lock out power to the installation before starting work.

If you have any questions about how to install any Martin™ product or use it safely, please contact your local Martin Professional™ distributor (see www.martin.com/distributors for details) or call the Martin™ 24-hour service hotline on +45 8740 0000, or in the USA on 1-888-tech-180.

Introduction

This guide explains how to install Martin VC-Grid™ and VC-Strip™ LED display products on a surface using the following Mounting Frames available from Martin™:

- VC-Grid/Strip™ 25 Mounting Frames (Set of ten frames, P/N 91611370) are suitable for use with Martin VC-Grid 25 and VC-Strip 25 products.
- VC-Grid™ 15/30/60 Mounting Frames (Set of ten frames, P/N 91611560) are suitable for use with Martin VC-Grid 15, VC-Grid 30 and VC-Grid 60 products. They are not suitable for use with VC-Strip products.

Frames can be fastened to a secure surface using any of the screw holes provided and joined together end-to-end if required.

Important!

- **The VC-Grid and VC-Strip are sensitive to electrostatic discharge. Hold them by the edges of the PCBs and avoid contact with or damage to circuits and electronic components.**
- **Do not try to bend the VC-Grid or VC-Strip.**
- **Use screws (and screw anchors if necessary) that are suitable for the mounting surface to fasten Mounting Frames to it. Check that all products are securely fastened.**
- **Use the supplied screws and washers to fasten VC-Grid or VC-Strip products to the Mounting Frame. Use washers under the heads of all screws to protect PCBs from damage. Do not over-tighten screws.**
- **Use the markings on VC products as a guide when deciding which orientation to install them in. Install products in the same orientation to give best color matching when viewing products at an angle.**

Dimensions

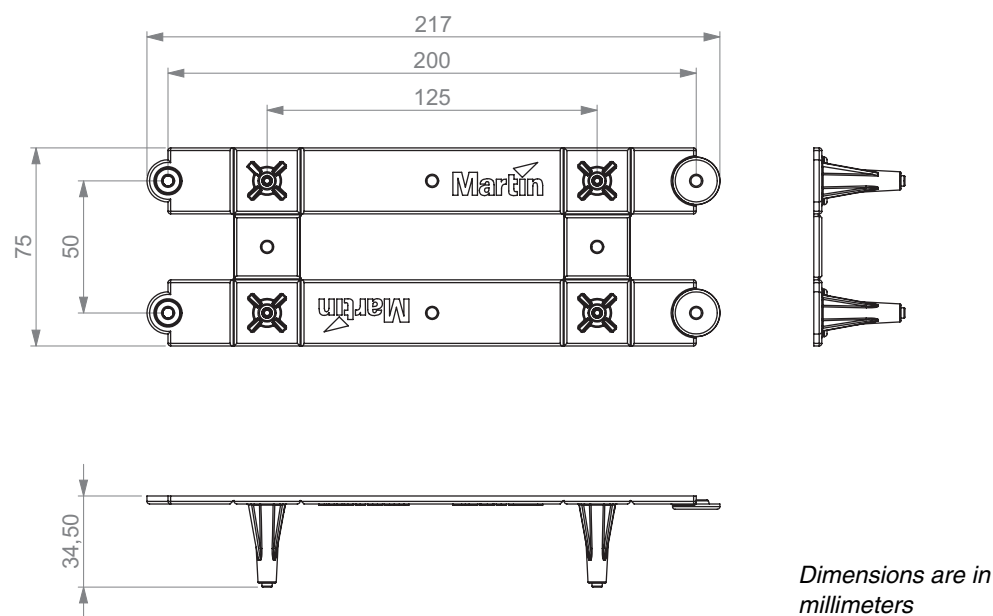


Figure 1. VC-Grid/VC-Strip 25 Mounting Frame dimensions

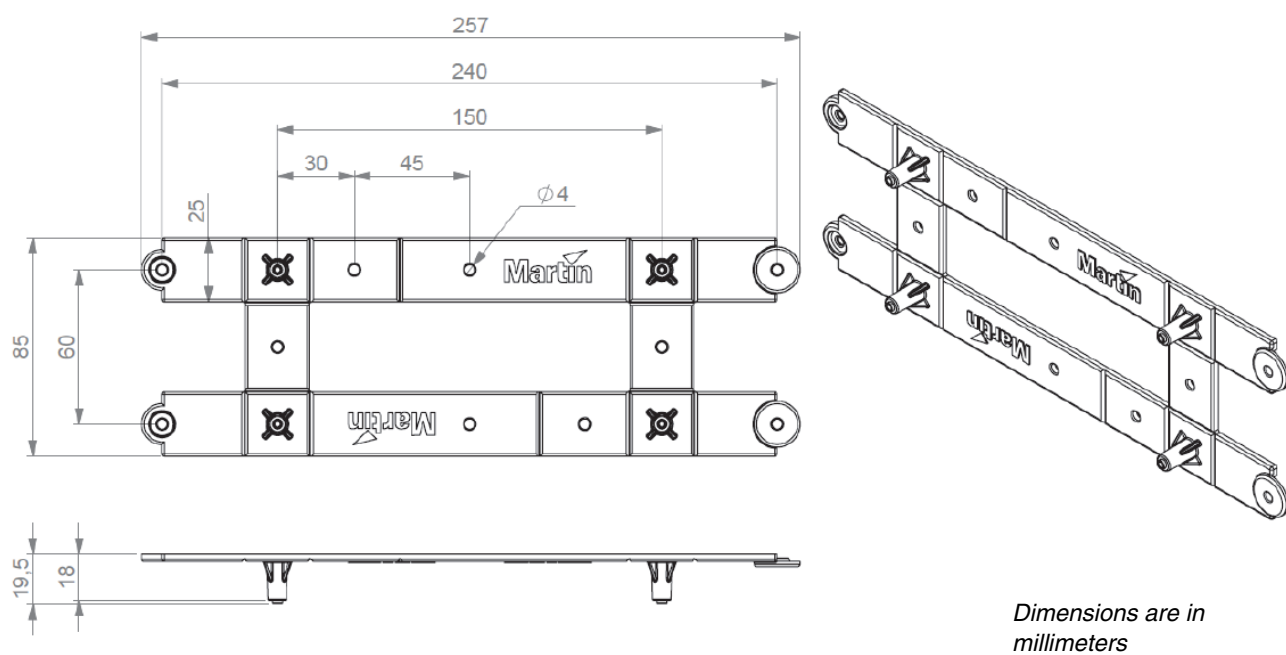


Figure 2. VC-Grid 15/30/60 Mounting Frame dimensions

Mounting Frames can be split into smaller elements, if required, by holding the Frame with a line **A** or **B** over a hard edge such as the edge of a table and breaking along the line. See Figure 3.

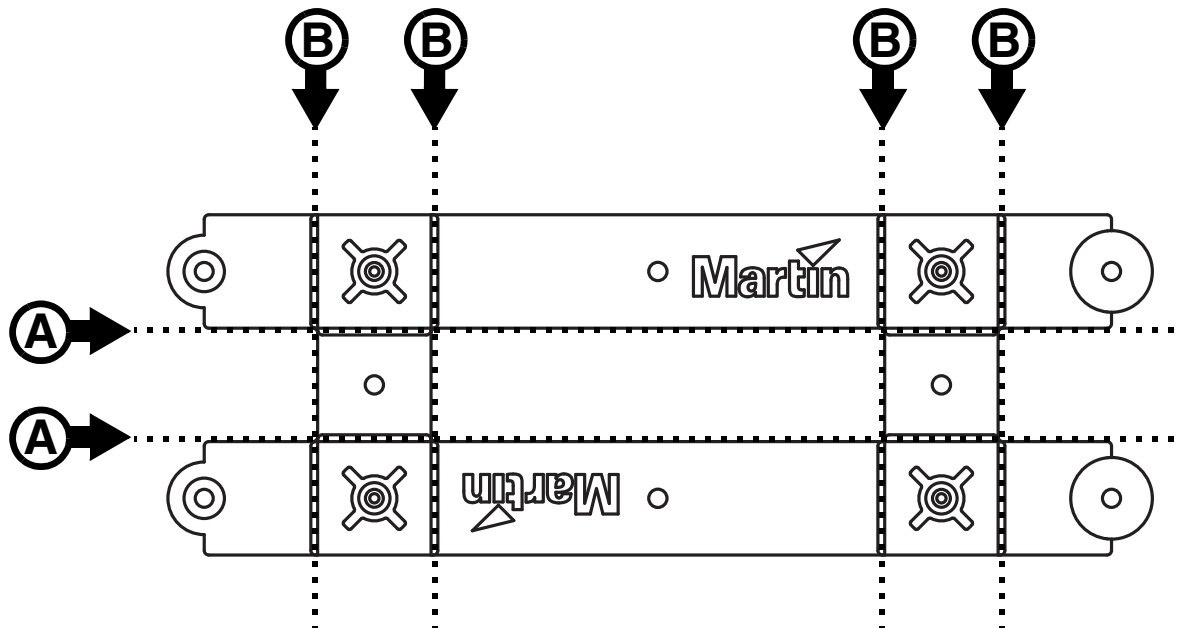


Figure 3. Splitting Mounting Frames

Installing the VC-Grid on Mounting Frames

For a neater finish at the end of a line of VC-Grids, you can split a Frame at one of the lines **A** as shown in Figure 3 on page 3.

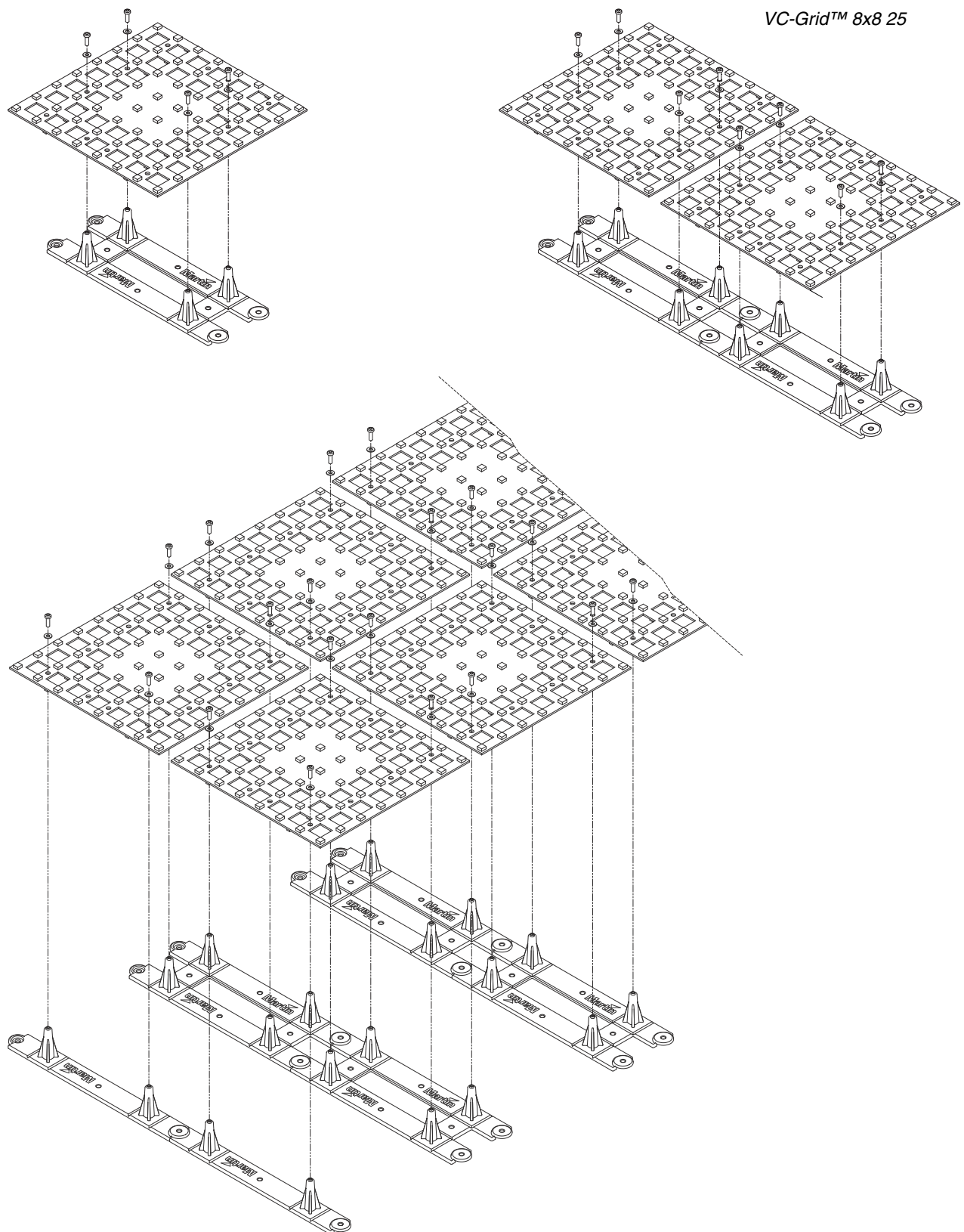


Figure 4. Fastening the VC-Grid to Mounting Frames

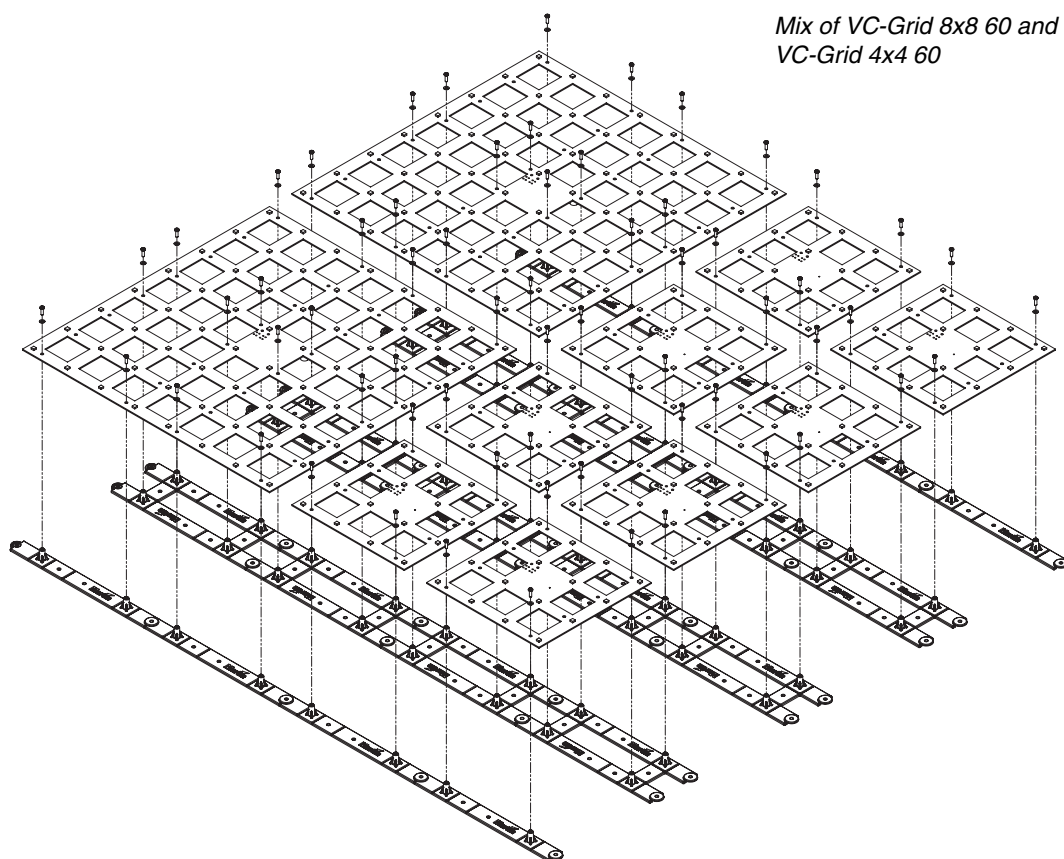
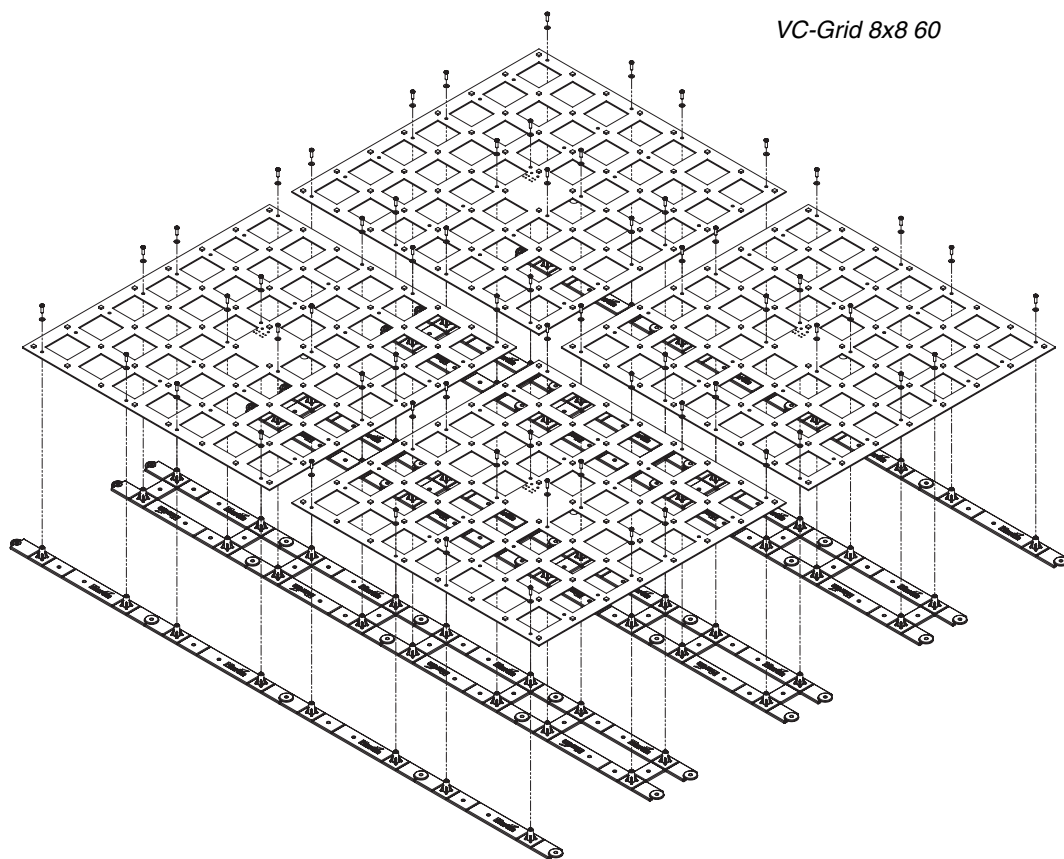


Figure 5. Fastening the VC-Grid to Mounting Frames (contd.)

Installing the VC-Strip 25 on Mounting Frames

The spacing of the mounting posts on VC-Grid/Strip 25 Mounting Frames matches the mounting holes in the VC-Grid 25 and VC-Strip 25.

Depending on the desired layout of the VC-Strip 25s, obtaining even spacing may be easier if you separate Mounting Frames into smaller elements by splitting them along lines **B** as shown in Figure 3 on page 3. For a neater finish at the end of a line of VC-Strips, you can also split a Frame at one of the lines **A**.

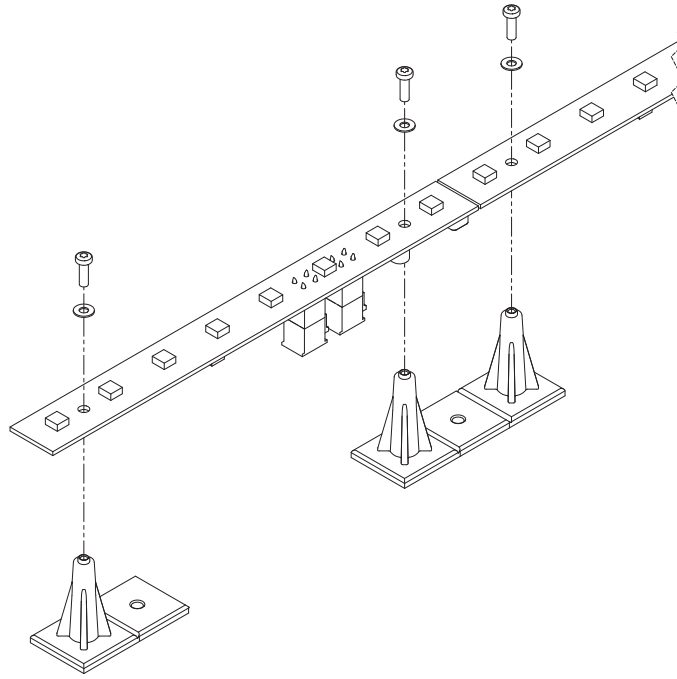


Figure 6. Fastening VC-Strips to Mounting Frame elements



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