

Modular Video Panel
MVPTM
SIGNAL DISTRIBUTOR

Quick Reference Guide



It's Green Thinking

About This Guide

The MVP™ Signal Distributor Quick Reference Guide (QRG) contains the product's connection, mounting, and installation information.

Disclaimer

- You must read ALL the disclaimers and safety notes in this guide before installing, operating, or maintaining this product.
- This product contains no user-serviceable parts. Any reference to servicing in this guide will only apply to properly trained CHAUVET® certified technicians. Do not open the housing or attempt any repairs.

Safety Notes

- Always connect this product to a grounded circuit to avoid the risk of electrocution.
- This product is rated IP 54 and should only be used in environments that meet that criteria.
- When hanging this product, always secure it to a fastening device using a safety cable.
- The maximum ambient temperature is 122° F (50° C). Do not operate this product at higher temperatures.
- Do not operate this product if you see damage on the housing or cables. In any of these cases, have the damaged parts replaced by an authorized technician.
- Do not open or modify the product.
- Make sure this product is connected to the proper voltage provided in this guide's specifications and/or the specification sticker on the product.
- Do not run this product near magnets, TV, or transformers.
- Never try to repair this product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact CHAUVET® Technical Support.
- Any damages caused by manual modifications are not subject to warranty. CHAUVET® will not accept liability for any resulting damages caused by unauthorized modifications or not observing the safety warnings and instructions in this guide.

What Is Included

- One MVP™ Signal Distributor
- One Warranty Card
- One Quick Reference Guide

Features

- Amplifies and distributes signal data to the panels in a video wall design.
- Required when the MVP™ video wall design includes more than 24 panels.
- Output of each MVP™ Signal Distributor supports up to eight (8) lines. Each line supports 24 panels enabling a signal to be distributed to up to 192 total connected panels.
- Additional MVP™ Signal Distributors can easily be connected to an MVP™ Video Wall System.
- Also can be used to extend the signal beyond the 100 meter distance specification between the MVP™ Driver and the video wall panels.

Product Description

The MVP™ Signal Distributor provides signal amplification and distribution for the CHAUVET® MVP™ Video Wall System. This product is required when your video wall includes more than 24 panels.

The MVP™ Signal Distributor distributes the signal from the MVP™ Driver to different sections of your video wall panels.

Additionally, this distributor is capable of 4-way, dual-signal splitting, or 8-way single-signal splitting.

You can also use the MVP™ Signal Distributor to boost video signals when connection from the MVP™ Driver to the actual video wall is over 100 m, boosting signals in 100-meter increments, for the distance required by your overall setup.

Product Overview

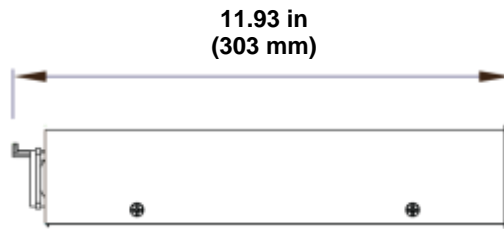
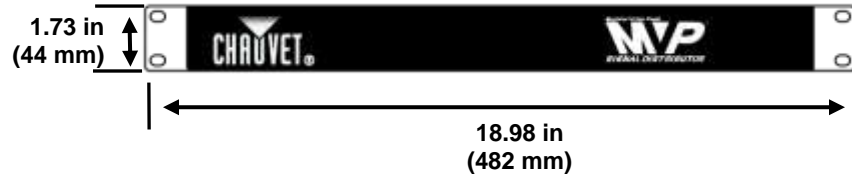
Front Panel



Back Panel



Product Dimensions 11.93 x 18.98 x 1.73 in (303 x 484 x 45 mm)



AC Power This product has an auto-ranging power supply that can work with an input voltage range of 100~240 VAC, 50/60 Hz.

Video Output The MVP™ Signal Distributor supports up to eight (8) video source outputs.

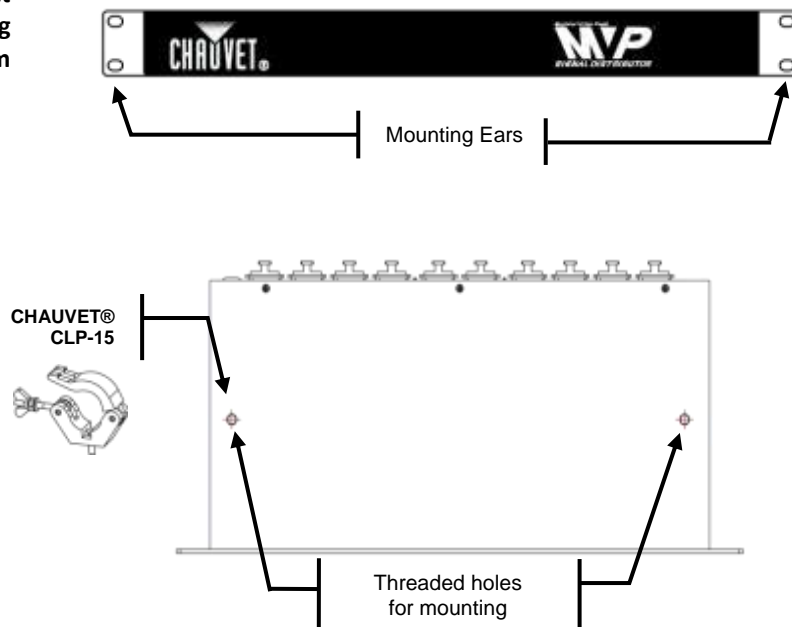
Video Source:	Neutrik® etherCON®
Video Output:	Neutrik® etherCON® (8)
Display Refresh Rate:	2,000 Hz (flicker-free)
Video Refresh Rate:	60 Hz

Mounting Before mounting this product, read the Safety Notes at the beginning of this guide.

The MVP™ Signal Distributor is constructed of aluminum alloy and steel, and is easy to set up. This product can be rack-mounted (2U) using the mounting ears on either side of the front panel.

You can also use the threaded holes on the top of the distributor housing for mounting on a stable surface or truss to enable closer and easier connection to the panels, as well as to the MVP™ Driver. The threaded holes are M12. The recommended clamp is the CHAUVET® Clamp CLP-15.

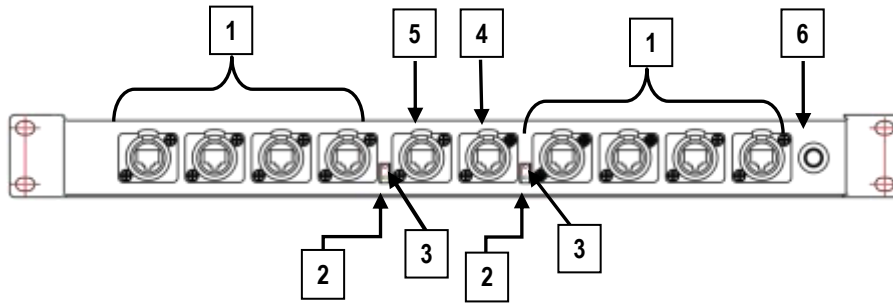
**Product
Mounting
Diagram**



Signal Connection All connections are located on the back panel. See the diagram below.

To run a Backup connection to the MVP™ Driver, the return signal cable can be connected to the following:

- One of the eight (8) outputs (marked **Number 1** below)
- Any output of a panel connected through the MVP™ Signal Distributor
- The LINK UP (marked **Number 5** below)



Number	Connection	Description
1	Signal output	Connect to signal input of Video Wall System panel
2	Power Indicator	Power status (On/Off)
3	Signal Indicator	LED indicator will flash when the MVP™ Signal Distributor and MVP™ Driver are correctly connected.
4	Signal Input	Connect with MVP™ Driver output
5	LINK UP	Connect with another MVP™ Signal Distributor
6	Power Cable Input	Power input: 220 VAC, 50/60 Hz

System Status The LED Indicator on the back panel of the MVP™ Signal Distributor indicates system status.

Steady Red: Signal Distributor is powered on.

Blinking Green: Signal Distributor is receiving signal from MVP™ Driver.

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