

Showstopper 3 Hub™

Reference Manual v1.1

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Getting started

The Showstopper 3 Hub is an extension of the Showstopper 3 Base emergency stop system. It is a 3U rack mountable device with 8 individual Showstopper outputs, 1 Showstopper 3 Accessory Input and 1 accessory output. The output is used to connect a Showstopper 3 Console, Remote Stop Buttons or another Showstopper 3 Hub to your Showstopper 3 System.

This manual will guide you through:

- Unpacking
- Installation
- Connecting devices to the Base
- Operation
- Troubleshooting

If you need any help along the way, contact us on our website (creativeconners.com), via email (support@creativeconners.com), or by phone (401-289-2942).

What's in the box

You will find the Showstopper 3 Hub and an IEC Power cable. If any of these parts are missing please contact us.

Mounting Options

The Showstopper 3 Hub is a 3U rack mountable case designed to fit in a standard 19" rack. The Hub is not required to be rack mounted, feel free to place it on the operator desk or with your Stagehand motion controllers.

Connecting your Showstopper 3 Hub

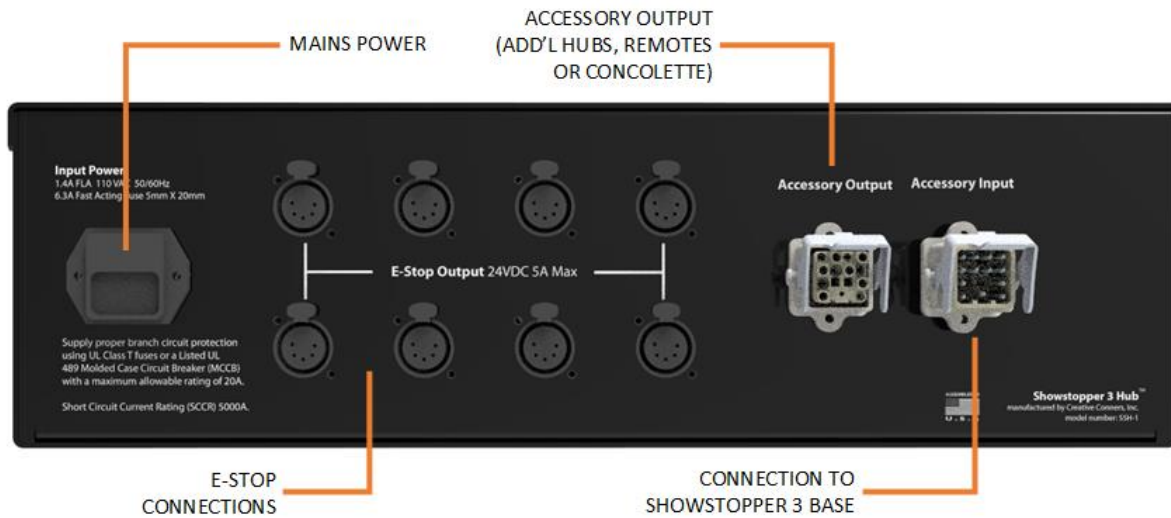
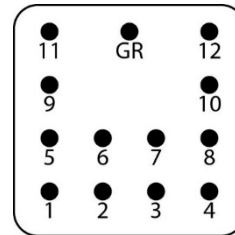
Connect the IEC cable to mains power and to the Showstopper 3 Hub. The power connection must be constant, loss of power to the Showstopper 3 Hub will stop all movement to any connected Stagehands.

The Showstopper 3 Hub must be connected to a Showstopper 3 Base via an Accessory cable, otherwise it will not function properly.

Connect any accessories (Showstopper 3 Console, Showstopper 3 Remote or a Showstopper 3 Hub) through the available accessory port. If no accessories are connected, please connect a terminator plug on the unused Accessory Output otherwise the Showstopper 3 System will not function properly. All accessory runs must also be terminated. The Showstopper 3 Console is self-terminating, but any additional Showstopper 3 Remote Buttons or Showstopper 3 Hubs must be terminated.

The pin-out for the accessory cable is listed in the table below.

Pin	Description
1	Emergency Stop Channel 1 In
2	Emergency Stop Channel 1 Return
3	Emergency Stop Channel 2 In
4	Emergency Stop Channel 2 Return
5	Emergency Stop Signal (+24VDC)
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	COM
12	+24VDC
GR	Ground



Attach up to 8 E-Stop cables (5-pin XLR/DMX) to the E-Stop outputs and connect to the Stagehands. Release the E-Stop mushroom switch on the face of the unit and you are ready to Make It Move!.

Troubleshooting

The face of the Showstopper 3 Hub has 3 indicator lights to help determine the state of the system, we hope this chart will help you diagnose any issues.



<i>Indicator</i>	Check Mains Power	Local E-Stop Engaged	Another E-Stop Engaged	Check Terminations	Ready To Make It Move!
<i>Ready</i>	-	-	-	-	X
<i>Engaged</i>	-	X	-	-	-
<i>Power</i>	-	X	X	X	X

When the Green and Amber lights are illuminated, you are ready to *Make It Move!*

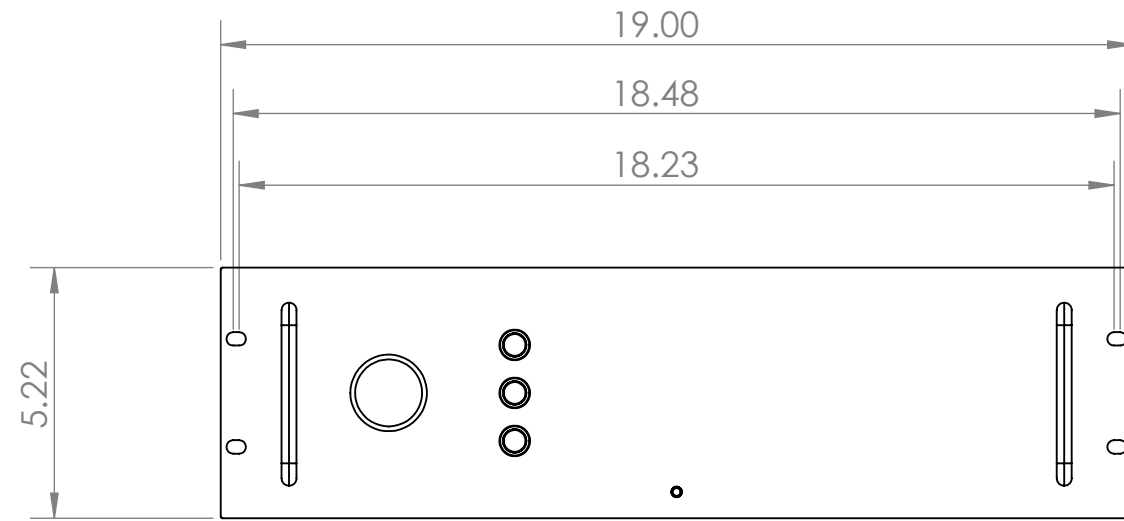
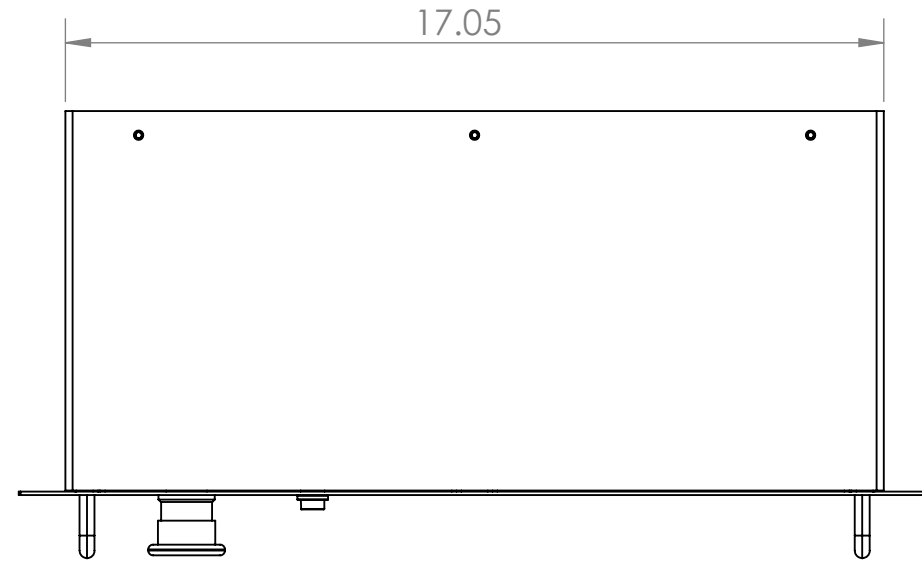
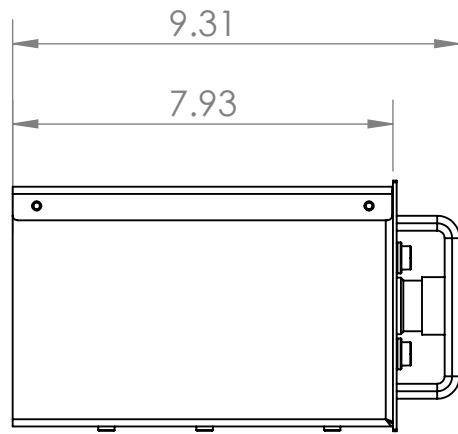
Condition	Remedy
No indicators illuminated	Check mains power
Red & amber indicators	Check E-Stop mushroom switch on the hub
Amber indicator	Confirm no remote E-Stop switch is activated
All connected Stagehands are not releasing E-Stop	Confirm the Hub and Base have power Confirm no remote E-Stop switch is activated
One of several Stagehands is not releasing E-Stop	Confirm Stagehand is connected to base with Showstopper cable Replace Showstopper cable between base and Stagehand
Showstopper Accessories unresponsive	Confirm accessory cable is connected Confirm terminations

Refer to the specific device manual for further troubleshooting.

Drop us a line at support@creativeconners.com if you are still encountering issues.

Specifications

Description	Value
Input voltage	110VAC
Showstopper Output	24VDC, 2.5A
Accessory Output	24VDC,



tolerances:
 $\frac{x}{y}$: $\pm \frac{1}{16}$ "
 .xx : ± 0.010
 .xxx : ± 0.003

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