

Showstopper 3 Base™

Reference Manual v1.1

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Getting started

The Showstopper 3 Base is the heart of the SIL 3 rated Showstopper 3 emergency stop system. It is a 3U rack mountable device with 8 Showstopper outputs and 3 accessory outputs to connect a Showstopper 3 Consolette, Remote Stop Buttons or a Showstopper 3 Hub.

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 Base, IEC Power cable and three Accessory Termination plugs. If any of these parts are missing please contact us.

Mounting Options

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

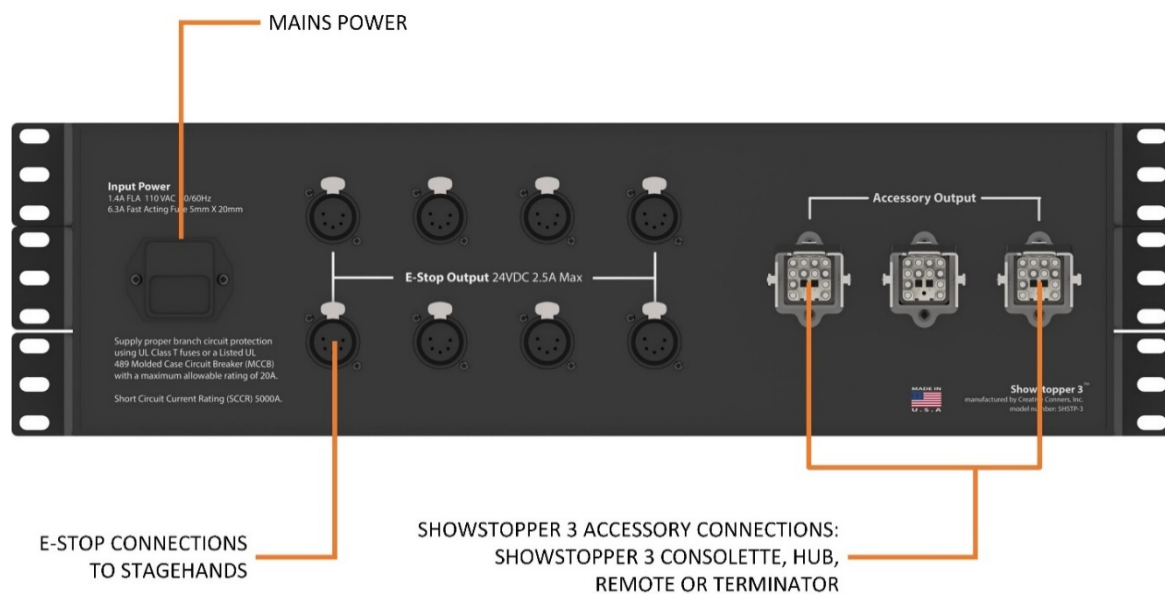
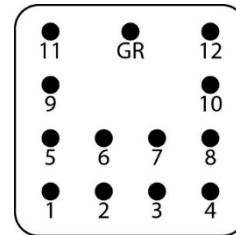
Connecting your Showstopper 3 Base

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

Connect any accessories (Showstopper 3 Consolette, Showstopper 3 Remote or a Showstopper 3 Hub) through the available accessory ports. Any unused accessory ports must have a termination plug installed or the Showstopper 3 Base will not function properly. All accessory runs must also be terminated. The Showstopper 3 Consolette is self-terminating, but any Showstopper 3 Remote Buttons or Showstopper 3 Hubs must be terminated.

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

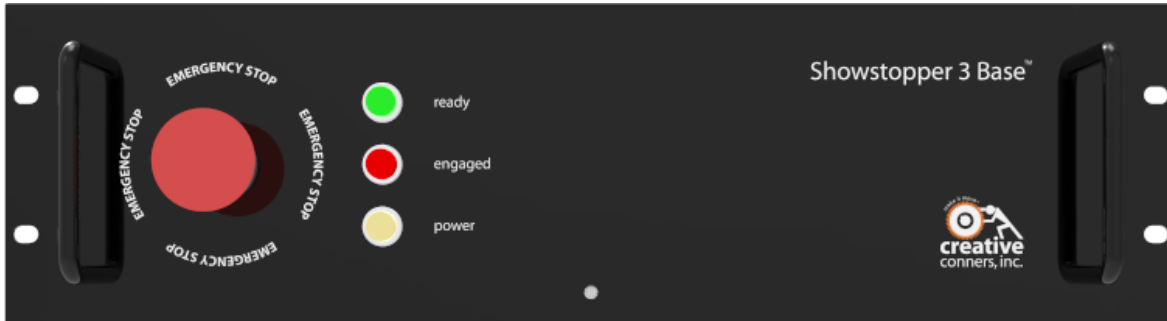
| Pin | Description |
|-----|---------------------------------|
| 1 | Emergency Stop Channel 1 In |
| 2 | Emergency Stop Channel 1 Return |
| 3 | Emergency Stop Channel 2 In |
| 4 | Emergency Stop Channel 2 Return |
| 5 | Emergency Stop Signal (+24VDC) |
| 6 | N/C |
| 7 | N/C |
| 8 | N/C |
| 9 | N/C |
| 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 Base 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!*

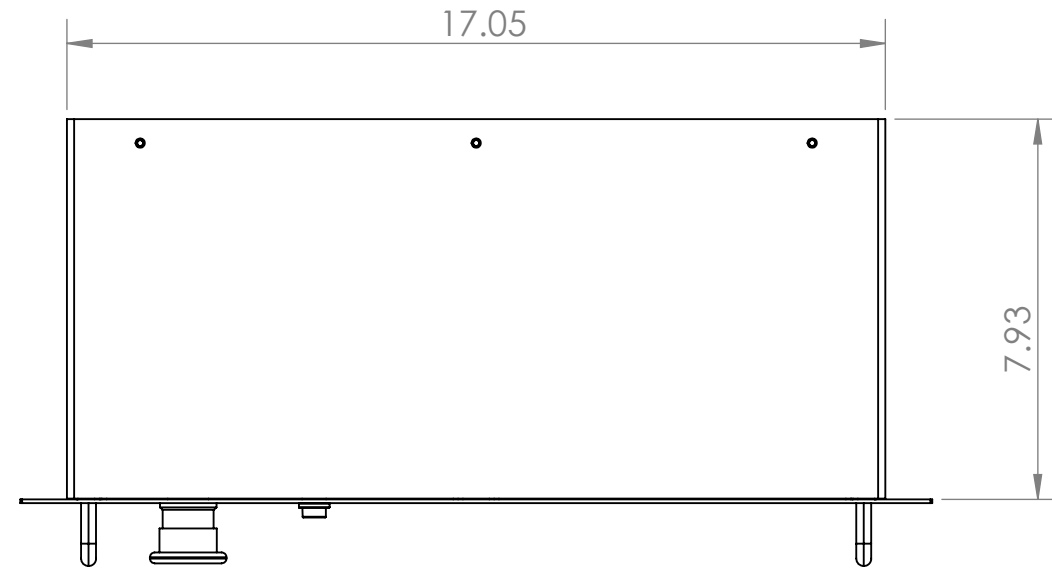
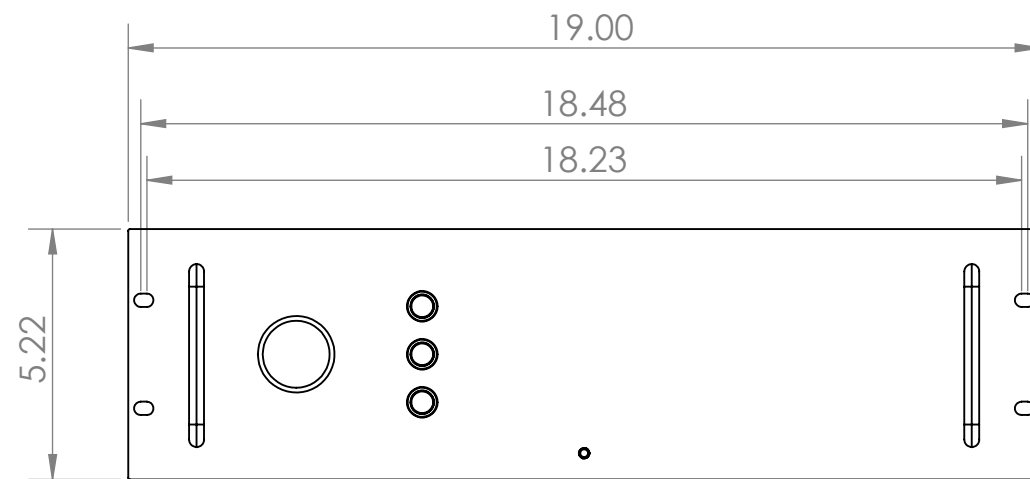
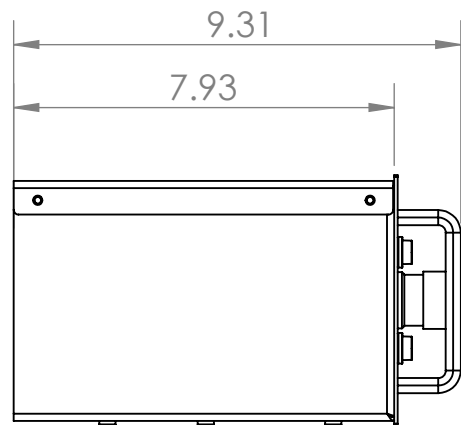
| Condition | Remedy |
|--|---|
| No indicators illuminated | Check mains power |
| Red & amber indicators | Check E-Stop mushroom switch on the base |
| Amber indicator | Confirm no remote E-Stop switch is activated |
| All connected Stagehands are not releasing E-Stop | Confirm the Base has power Confirm 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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