



SPRINGTREE MEDIA
GROUP, LLC

Springtree Wall Station DMX Recorder



USER MANUAL AND
INSTALLATION GUIDE

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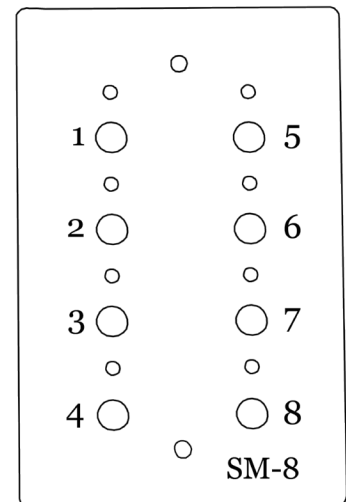
Product Information

Description

The Springtree Wall Station is designed to be a completely self-contained DMX controller that can be wall-mounted (like a light switch).

The Wall Station directly outputs (or receives) DMX data so it can be connected directly to one or more lighting fixtures. After the SM-8 has been programmed it then operates on its own without needing to be connected to the lighting controller.

The SM-8 is the master and the SS-0 is the satellite. The SM-8 is connected to the SS-0 via CAT5. Up to 3 SS-0's can be used in one system.



Features

- Self-contained preset station with 8 scene capacity
- Built-in fade time presets
- Up to 3 satellite units
- DMX-512 output
- DMX input snapshot

Installation

Power Supply

Before plugging your unit in, be sure the source voltage in your area matches the voltage required for your lighting setup. Because line voltage may vary from venue to venue, be sure your unit voltage matches the wall outlet voltage before attempting to operate. The Springtree Wall Station uses a standard 12V power supply (provided with the SM-8). The power for the SS-0 units are provided by the SM-8 via CAT5.

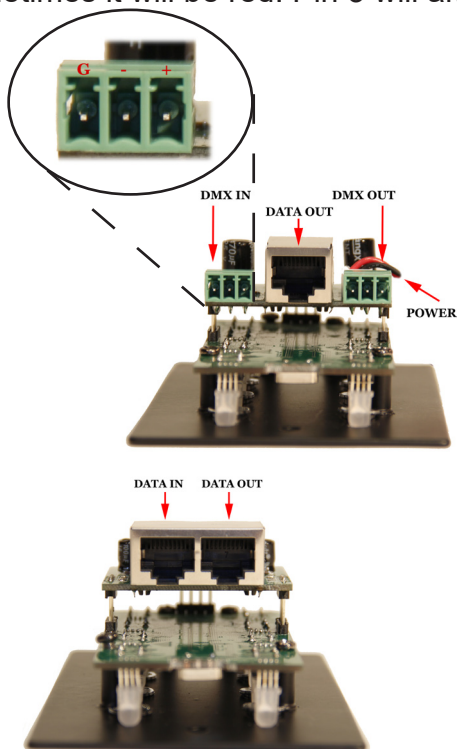
Mounting

The SM-8 and SS-0 come with a single gang mud ring. They will not fit in a standard single gang box. Should you need to mount in a metal in-closed handy box please use a Raco 670RAC box (pictured here, not included).



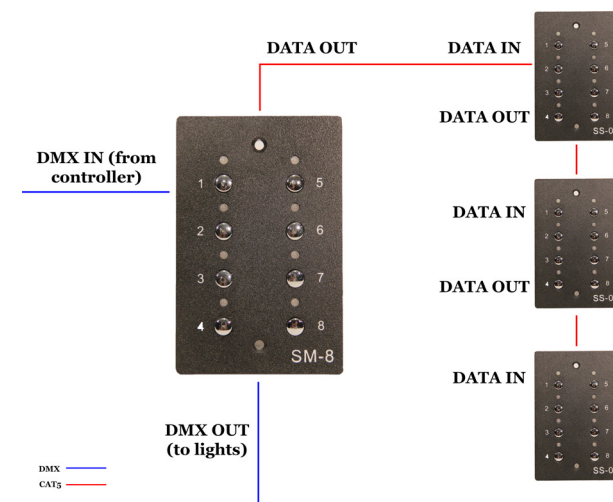
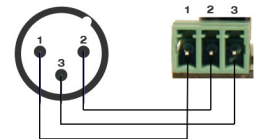
Connecting

Connect the SM-8 and SS-0 as shown below. Attention audio people: DMX is backwards from audio. Pin 2 is negative and pin 3 is positive. Most of the time pin 2 will be a white wire and sometimes it will be red. Pin 3 will always be black.



DMX Wiring

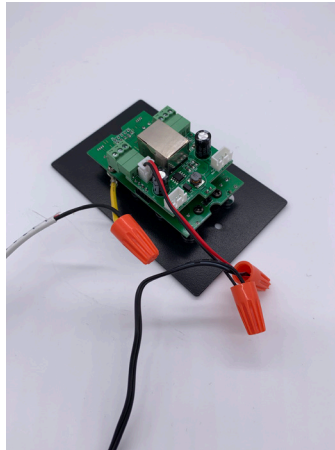
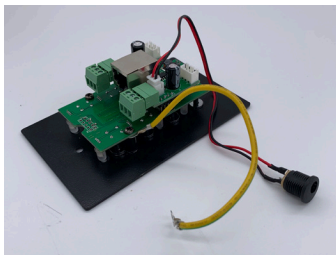
- Pin 1 = Ground
- Pin 2 = Negative
- Pin 3 = Positive (Hot)



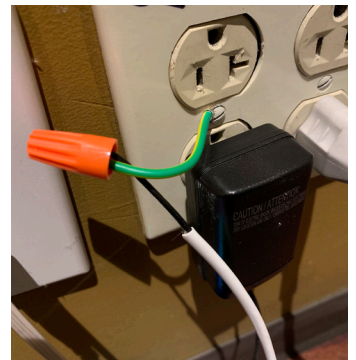
Installation cont.

Connecting Power

The SM-8 comes with a short power whip that connects to the power supply that is provided. If there is power close simply connect the SM-8 to the power supply. If power is not nearby, power can be extended with 18 gauge low voltage cable.



Be sure to ground your SM-8!
The SM-8 has a short ground whip attached to the back. This can be grounded to the outlet that is providing power. See image below.



Programming

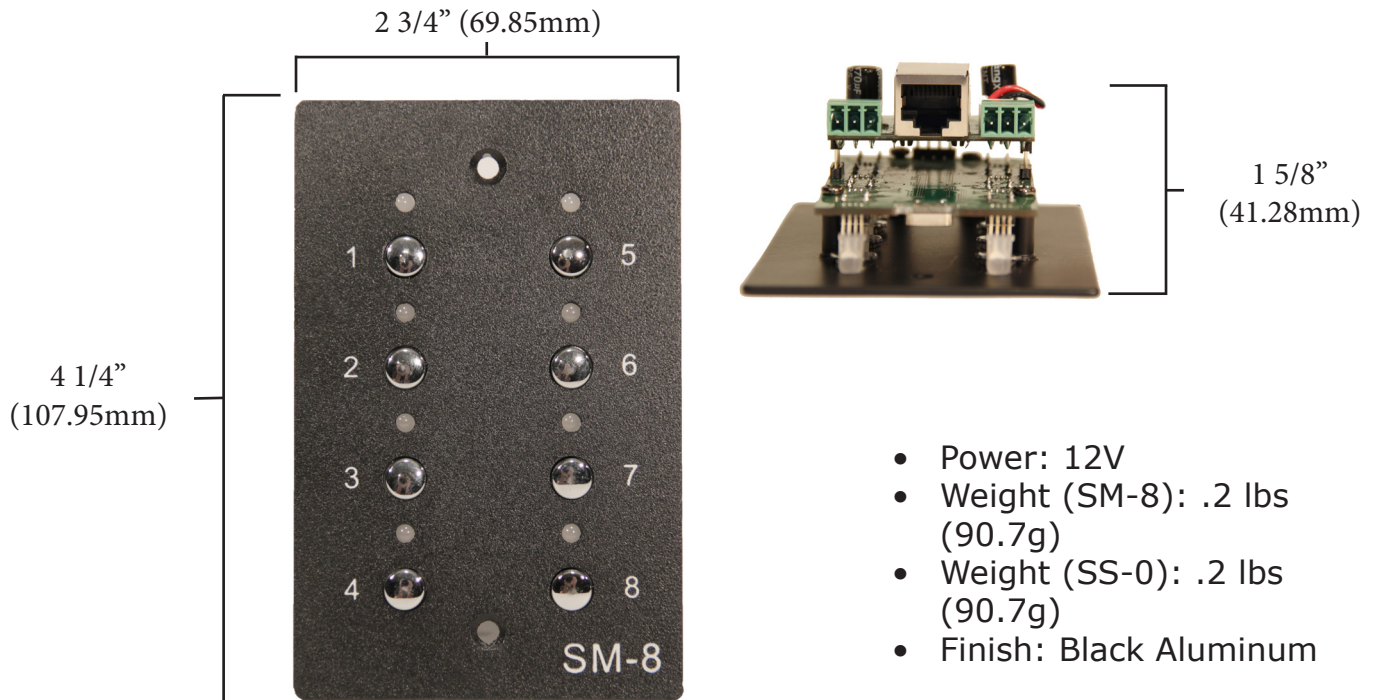
1. Hold down buttons 1 and 8 to enter programming mode (light will turn red).
 2. Set desired look on lighting console.
 3. Press desired preset button 1-8. Light will flash. Scene is stored.
 4. Set new look on lighting console.
 5. Press another unused button or record over existing scene by selecting button.
 6. Repeat until all 8 scenes are recorded.
 7. Hold down buttons 1 and 8 to exit programming mode.
- Hold down buttons 2 and 7 to enter secondary programming mode for setting fade rate (light turns yellow). Select 1 for 1 second. 2 for 2 seconds. 3 for 3 seconds. 4 for 4 seconds and 8 for instant (no fade rate). Hold down 2 and 7 to exit program mode.
 - If DMX is present at wall station, DMX passes and the wall station is inoperable

Color Guide

Purple/Pink - DMX Present from console
Blue - No DMX from console
Red - Program mode
Green - Program mode no DMX
Yellow - Fade rate mode

Technical Specifications

Dimensions:



Safety Precautions

- To reduce the risk of electrical shock or fire, do not expose this unit to moisture.
- Be sure that the local power outlet matches that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- This fixture is intended for indoor use ONLY!
- Keep this manual for as long as you own this product!

Troubleshooting

Master Unit not responding:

1. Check that the 12V power supply is plugged in and connected to the SM-8.
2. Check that the DMX cables are connected properly and are wired correctly.
3. Is the SM-8 receiving DMX from the controller? DMX from the controller will override the SM-8.

Slave Unit not responding:

1. Check that the CAT5 cable is connected from the SM-8 to the SS-0.
2. Check that the SM-8 is powered up.

Contact us

Springtree Media Group would like to thank you for choosing our company for your lighting needs! If you have any questions or concerns, please contact us.

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