

WIRELESS
DMX512
FLOOR LAMP KIT

STAGE
TECH
TINKER^{EX}

WIRELESS DMX FLOOR LAMP KIT 2.1

11.10.23

FEATURES

Wireless 4.2 GHz DMX512 with adjustable address (transmitter required).

Operates on 8-AA batteries or optional rechargeable battery.

Uses one DMX address.

Uses 12 volt light bulbs.

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11.10.23

This unit requires a DMX transmitter. Always power up the DMX transmitter before the unit.

This unit does not use dimmers. It uses a relay switch that can only turn on (100%) or off (0%). DMX data 0-127 is off (0%). DMX data 128-255 is on (100%).

Use only 12 volt light bulbs, 10 watts or less.

The diameter of base for your floor lamp base should be at least 3" smaller than the diameter of this unit.

Intended for indoor use at room temperature only. Keep away from water.

This unit is not designed to left on for long periods. It is designed for short term use on stage.

Use only high quality AA batteries or a 12 volt rechargeable battery.

Do not use charging port with non-rechargeable batteries.

This unit is equipped with an 1A fuse. A spare fuse is included.

This unit uses one DMX address, the address that you set with the dip switches.

This unit has 7 wireless DMX groups to choose from. The transmitter group and the unit group must match. They are identified by the color of the power LED when first turned on.

- 1: RED
- 2: GREEN
- 3: RED+GREEN = YELLOW
- 4: BLUE
- 5: RED+BLUE = PURPLE
- 6: GREEN+BLUE = CYAN
- 7: RED+GREEN+BLUE = WHITE

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11.10.23

YOU WILL NEED

a DMX lighting console

a wireless DMX transmitter

a floor lamp

a 12 volt light bulb

8 quality AA batteries

a Phillips screwdriver

wire cutters

wire strippers

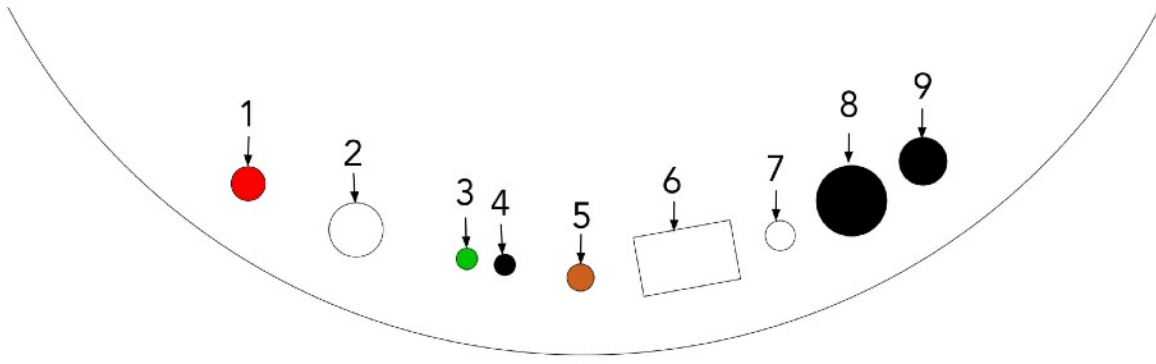
hot glue, silicone, epoxy or some other adhesive

paint

3A rechargeable 12V battery (optional)

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11.10.23



1. Test mode red LED.
2. Three way switch. Test mode, off, DMX mode.
- 3, Power LED.
4. Adjustment button.
5. Antenna mount.
6. Momentary push button for voltmeter.
7. Voltmeter.
8. Fuse holder.
9. Charging port.

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11.10.23

I have video demonstrations of all instructions. Please check my website and youtube channel for more information and demonstrations.

Set DMX Address

1. Remove the bottom cover.
2. Use dip switches to set DMX address. The dip switches are mounted on a red piece of plastic. There are apps to help with setting dip switches.
3. Replace cover.

Change Batteries

1. Remove the bottom cover.
2. Replace batteries.
3. Confirm battery switch is in the "ON" position.
4. Replace cover.

Set Wireless DMX Group

1. Flip the power switch to the right for DMX mode.
2. Press the adjustment button once to identify group color.
3. Press the adjustment button again to change group color. The group color of the transmitter and the device must match.

WIRELESS DMX FLOOR LAMP KIT 2.1

11.10.23

Installation

1. Remove plug from floor lamp power cable. The plug has a small blade for the positive wire and a wide blade for the neutral wire.
2. Remove the bottom cover from floor lamp.
3. Pull lamp wire thru the side hole of the lamp base.
4. Remove the bottom cover of the floor lamp kit.
4. Feed floor lamp power cable thru the hole in the top of the floor lamp kit.
5. Strip the end of the wire about 11mm.
6. Replace the "REPLACE ME WITH NEGATIVE" wire from the lever connector with the negative wire from the lamp. The negative wire from the lamp should be ribbed.
7. Replace the "REPLACE ME WITH POSITIVE" wire from the lever connector with the positive wire from the lamp. The positive wire from the lamp should be smooth.
8. Replace the bottom cover of the unit.
8. Center and attach with adhesive the floor lamp to the floor lamp kit.
9. Paint and finish to match. The floor lamp kit is primed and ready for paint.
10. Attach antenna.

DMX Use

1. Set DMX address.
2. Replace batteries if necessary.
3. Turn on lighting console and power up a DMX transmitter. The transmitter will blink red when transmitting a DMX signal.
4. Patch the unit as a dimmer into a lighting console.
5. On the unit, turn on the three-way switch to DMX mode. The power led will blink green when receiving a DMX signal.
6. You should be able to turn on the unit by bringing the address level over 50%.

Test Mode

1. Flip the three-way switch to test mode. The corresponding red LED as well as the floor lamp light bulb will light up when the unit is in test mode.

WIRELESS DMX FLOOR LAMP KIT 2.1

11.10.23

Check Voltage of Batteries

1. Push and hold the momentary push button.
2. The voltmeter will light up with a read out.
3. It does not matter if the unit is powered on.
4. The voltage will be lower if in use at the time

Change Fuse

1. Remove fuse cover.
2. Replace 1A fuse.
3. Replace cover.

Install Rechargeable 12V Battery

1. Remove screws from front cover.
2. Remove AA battery case and detach DC plug.
3. The rechargeable battery came with a splitter cable. Attach the cable to the battery and install the battery using the included velcro.
4. Connect the splitter cable to the incoming power cable.
5. Find the charging port. Connect the other end from the splitter cable to the charging port cable.
6. Replace cover.
7. Replace the 1A fuse with a 2A fuse.
8. Charge using the power supply included with the rechargeable battery.

Long Term Storage

1. Remove AA batteries and discard or remove rechargeable batteries for long term maintenance per manufacture's instructions.
2. Remove antenna.

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11.10.23

TROUBLE SHOOTING

NO POWER

Confirm the switch on the battery is in the "ON" position.

Replace/charge batteries.

Check and replace the fuse.

WIRELESS DMX ISN'T WORKING

Confirm the transmitter is blinking a red LED at a fairly rapid pace. If the pace is slow, restart.

Confirm the unit's power LED is blinking a green LED at a fairly rapid pace. If the pace is slow, restart the transmitter and the unit.

Confirm the transmitter and device are on the same DMX group by pushing the adjustment button once and checking the colors. Adjust DMX group to be the same color using instructions above.

Confirm the DMX address by removing the bottom cover and checking the DMX dip switches.

LIGHT BULB BLOWS OUT

Confirm the bulb is 12 volts rather than the standard 120 volt bulbs.

Check the positive and negative wires were mixed up during installation. Remove bottom cover. Switch the positive and negative wires from the lamp. Replace cover. Try again.

**Feel free to contact me at stagetechtinkerer@gmail.com
with any problems.**

**Please check my website and youtube channel for more
information and demonstrations.**