

# FRONTLINE Lighting



## STEP 1 - MAIN POWER

- Verify shelter's power provides 100-140- VAC
- Check for damage or loose connections that may have occurred during shipping or storage
- The location of the control system should be near the main entrance next to the power distribution box
- Connect the systems power cable to the shelter power (shore power) and hang the sling on the shelter wall

### WARNING!

## DO NOT force the connectors together!

The connectors are keyed to align the positive and negative terminals.

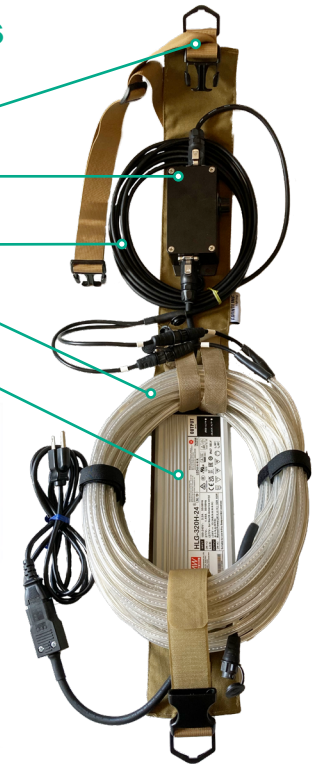
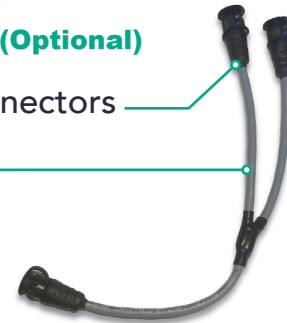
**Damage to the connectors may result!**

## X27 System Components

- Hanging Strap
- Control System
- Power Cable
- LED Lighting
- Power Supply

## “Y” Cable (Optional)

- Locking Connectors
- Multi Line



## STEP 2 - PREPARING YOUR LIGHTS

- Remove the lights from the sling system
- Unfurl the lights before illuminating
- To adjust the hanging system see “STEP 3 - Adjusting the hanging system”

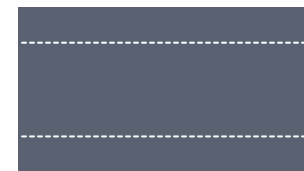
### WARNING!

**Illuminating the lights when rolled may result in damage to the lights!**

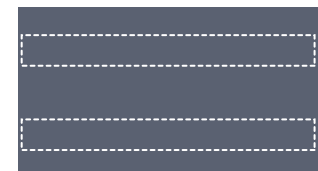
**Examples:** NOTE some configurations may require a “Y” cable



**Standard**



**Multiline**



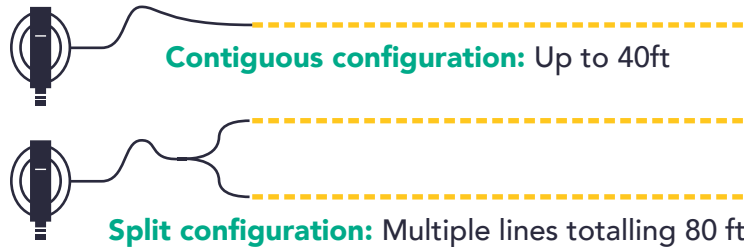
**Barracks**

### STEP 3 - HANGING THE X27 SYSTEM

- Multiple hanging methods are available from the Frontline website
- The lighting configuration should be supported every 5 feet
- Zipties, tape, velcro strapping or rope can be used to hang the system

### STEP 4 - EXTENDING THE X27 SYSTEM WITH A “Y” CABLE

- 40 feet (12 meters) of light can be powered on each line
- Multiple lights can be powered at the same time using our “Y” cable
- Use of a “Y” cable will power up to 80 feet (24 meters) of light.



### STEP 5 - STORAGE

- The X27 can be coiled and stored like a typical extension cord and then strapped into the harness using the integrated velcro straps
- Use the main buckles to collapse and tighten the system
- Once main buckles are connected it can be slung over the shoulder or affixed to equipment to bring or remove from site

### LIGHTING REPAIR

- Installation video is available online
- Downloadable manual is also available
- Visit [www.frontlinelighting.com](http://www.frontlinelighting.com) or scan the QR code



### TROUBLESHOOTING

#### Lights not operating

- Ensure main power is active and connected
- Check plugs and connections are firmly in place and connected
- Examine connections for loose pins or exposed wires
- Check power switch is in the “ON” position
- If battery is being used, make sure battery is charged and properly connected

#### Sections of lights are not operating

- Repair kits can be purchased from Frontline Lighting
- Replacement flex lengths can be purchased

#### Lights are flickering

- Too many lights lengths of light may have been connected
- Utilize “Y” connection cable to split the light lengths

#### Control system not operating

- Ensure main power is on and connected
- Visually examine connections for loose pins or exposed wires
- Check power switch is in the “ON” position

#### Lights are twisting

- Turn lights on for a short period of time and then re-align the LED’s to face in the desired direction.
- Increase the amount of hanging points being used

#### Power supply is becoming hot

- Contact Frontline Lighting

#### Components are damaged or missing

- Contact Frontline Lighting

If, after checking the above, the system is still not operating as desired. Please contact Frontline Lighting for direct assistance.

[www.frontlinelighting.com](http://www.frontlinelighting.com)

