

# Lotus Installation

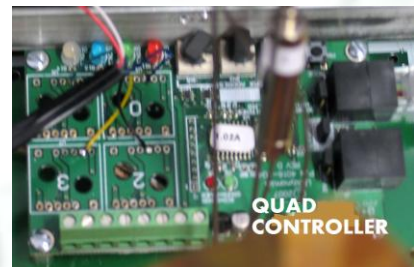
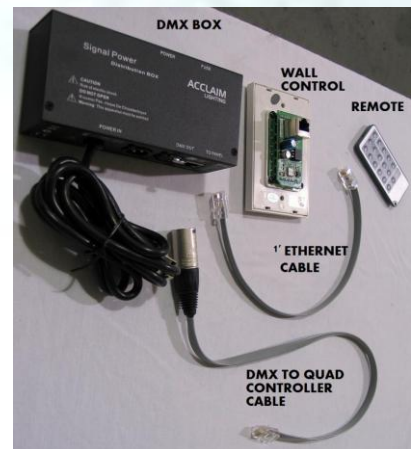
## CAUTION

Be sure the electricity to the system you are working on is turned off; either the fuse removed or the circuit breaker set to off. IF YOU ARE UNCLEAR ON HOW TO PROCEED, CONTACT A QUALIFIED ELECTRICIAN.

THIS FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND REGULATIONS. TO ASSURE FULL COMPLIANCE WITH LOCAL CODES AND REGULATIONS, CONSULT WITH YOUR LOCAL ELECTRICAL INSPECTOR BEFORE INSTALLATION.

## PRE-INSTALLATION

- 1) Decide on location of the Wall Controller and install.
- 2) Decide on location of “24V Power Supply” and the “DMX Box”. These items can be located on top of chandelier if top of chandelier is not visible. Things to consider:
  - a. 120VAC will be needed for “24V Power Supply” and “DMX Box”.
  - b. If “24V Power Supply” and “DMX Box” are located remotely from chandelier, properly sized power conductor must be run from the “24V Power Supply” to the top of the chandelier. (10’ of 2 conductor cable is supplied). In addition, if placed remotely, a user supplied Ethernet cable must be ran from the “DMX to Quad Controller Cable” to the top of the chandelier and connected using a user supplied Ethernet Cable Coupler at the “DMX Box” side.
  - c. If the “24V Power Supply” and “DMX Box” are located on top of the chandelier, 120VAC must be supplied to the top of the chandelier. (10’ of 2 conductor cable is supplied). A user supplied RJ45 ethernet patch cable must be ran to the “Wall Controller” to the “DMX Box” RJ45 female port on top of the chandelier.
- 3) Install 4”x4” electric box capable of holding 300 pounds with appropriate power.



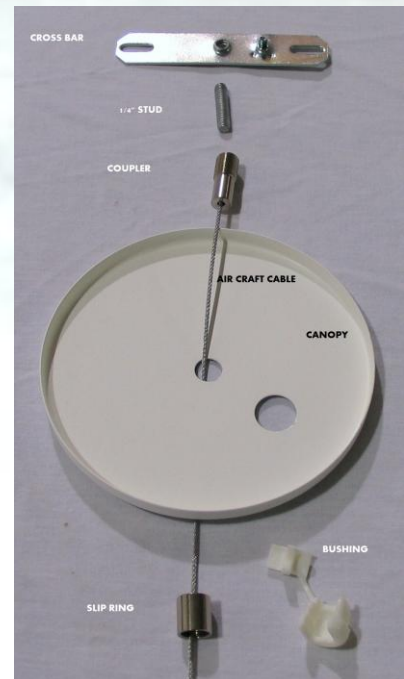
## OPENING CRATE

- b. Remove TOP PANEL of crate ONLY.
- c. Remove side panel of crate labeled “FRONT”.
- d. Remove bag labeled “Canopy Assembly” from bar.
- e. Detach 10 foot long electrical cord from “24 Volt Power Supply” from the chandelier top.

## INSTALLING CANOPY

Disassemble “CANOPY ASSEMBLY” into the parts seen in picture.

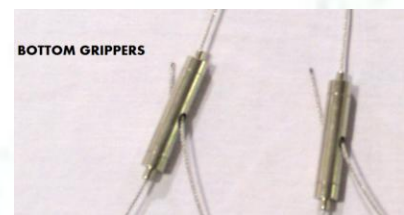
- l. Attach electrical cord to electric junction box
- m. Attach “CROSS BAR” to electric junction box
- n. Screw in “¼ INCH STUD” to cross bar
- o. Screw the “COUPLER” with attached aircraft cable into the stud.
- p. Pull the electric cord and Ethernet cable thru off centered hole in canopy and aircraft cable thru center hole in canopy.
- q. Slide the “CANOPY” up over the aircraft cable and thru the “COUPLER”.
- r. Slide the “SLIP RING” over the cable and screw on to “COUPLER” until snug against “CANOPY”
- s. Place the electrical and Ethernet cable in the plastic “STRAIN RELIEF BUSHING” and attach to the canopy’s off center hole.



## HANGING CHANDELIER

Remove screws holding metal pipe to the crate (once the screws are removed it is possible for the pipe to slip out of its supports).

- a. With one person on each end of pipe, lift the chandelier, carry it to installation point and insert aircraft cable of canopy into the top of “TOP GRIPPER” until at least 1” exits the side hole. Continue to slide the Chandelier up to the desired position.
- b. Trim the aircraft cable leaving at least 1” exiting the side of the “TOP GRIPPER”
- c. Remove Cables labeled “Shipping Cables” once the “Air Craft Cable” from the “Canopy” is holding the weight.



- d. If “24V Power Supply” and “DMX Box” are located on top of chandelier:
  - i. Attach the 120 VAC Electrical Cord to the “24V Power Supply” to connectors “L” and “N”.
  - ii. Attach the user supplied Ethernet cable running from the “Wall Controller” to the “DMX Box”
- e. If “24V Power Supply” and “DMX Box” are located remotely:
  - iii. Attach the 24V cable from the “24V Power Supply” to the orange connector on the round circuit board (positive side of cable to positive terminal).
  - iv. Attach the electric cable from the “Quad Controller” to the orange connector on the circuit board (positive side of cable to positive terminal).
  - v. Attach the user supplied Ethernet cable to the “Quad Controller”.

## **INSTALLING GLASS BULBS (found at bottom of crate)**

**What Order to Install Bulbs:** work from the center bulb outward. Use a screwdriver drill bit or screwdrivers in multiple lengths to help maneuver around globes. You can move leaves and petals from side to side if needed to create more space.

**How To Install Bulbs:** Orient the bulb tip points upward. Evenly turn all three screws until they are gently holding the bulb in place. Try to move the bulb slightly, adjust where needed. Continue until the bulb feels secure but not over tightened. (Additional screws found with canopy hardware)

**\*\*\*OVER TIGHTENING CAN LEAD TO BREAKAGE\*\***



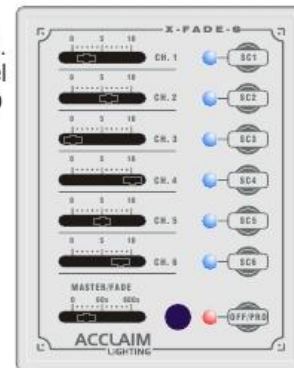


## Control Station Operation with Infrared Remote Control

### 1. Product Descriptions

We wish to express our gratitude for your purchasing our digital product X-Fade-6. You now hold a premiere, hybrid 6-ch DMX controller combining with 6 channel faders. Its compact and portable design is convenient to mount and easy to operate for users. Its key features consists of as the following:

- USITT DMX-512(1990) Multiplexed Digital Control
- Up to 6 DMX channels and 6 channel control faders
- 6 programmable scenes, ability of up to 100 steps per scene
- Assignable fade setting separately and Master control
- Infrared remote control function
- One preset pattern available for per scene
- With a Signal/Power Distribution Box as tension provider and DMX signal converter in the entire system
- US and EU versions optional



X-Fade-6

### 2. Control Panel View

#### Front Control View

##### Channel Faders(1~6):

Used to control the output level of each corresponding fixture channel.

##### Master Control Fader:

Used to control the overall output level for all Channels1~6 or control the master level for all Scenes.



Infrared Remote

##### Scene LED indicators(1~6):

These 6 LED's detail the current fader level for Scene's1-6. The LED indicators will reflect the fader level changes in real time.

##### OFF LED indicators:

To indicate the output state is turned on or off.

##### Scene Buttons(1~6):

To select the corresponding programmed scene to playback.

##### OFF Button:

To press the OFF button to close all channel1-6 output or enter/exit Recording Scene Mode.

##### Infrared Sensor:

To receive infrared remote control signs from Infrared Remote.

##### RJ45 Interface:

To link with the Signal/Power Distributor Box via C-LAN cable for getting the tension and DMX output.

### 3. Operating Guide

#### 3.1 Recording Scenes

- 3.1.1 Recording Scenes Mode enables: press and hold the "OFF" button down for approximately 2 seconds or until the red LED indicator next to the "OFF" button comes on, once the indicator is flashing, Record mode is engaged and you may release the "OFF" button.
- 3.1.2 If the selected scene has been stored before, its indicator will be on. Press and hold the "Scene" button down for about 2 seconds and all LED indicators will flash repeatedly 3 times to delete it.
- 3.1.3 Select the "Scene" button where you wish to record to. The selected "Scene" LED will flash repeatedly.
- 3.1.4 Adjust the corresponding "Channel Fader" all ways up to ten(10) to set the desired fader level for the step of the scene. Once you're satisfied with the setting, press the "Scene" button to store it. All LED indicators will flash repeatedly 3 times, indicating that your the step of the scene has been recorded.
- 3.1.5 Repeat Step3.1.4 to record more steps for the scene, up to 100 Steps can be created per scene.
- 3.1.6 To record additional scenes, repeat Step3.1.3~3.1.5.
- 3.1.7 Once you've stored all of your scenes, press and hold the "OFF" button to exit. A blue LED next to the "OFF" button coming on is indicative that you are out of the Recording Scene mode.

### 3.2 Assigning Scenes Fade time

- 3.2.1 Press and hold the "Scene" button to select the Scene where you wish to assign fade time to, until its indicator is flashing.
- 3.2.2 Keep and hold the selected "Scene" button, and at the moment adjust the "Master control fader" all ways up to 600s to set desired fader level.
- 3.2.3 Once you're satisfied with the setting, release the selected "Scene" button to store it. All LED indicators will flash repeatedly 3 times.
- 3.2.4 To assign fade time for additional scenes, repeat Step3.2.1 through 3.2.3.

**Note:** Once you've stored fade time for all of your scenes, please flip the "Master Control Fader" back to the initial position.

### 3.3 Set OFF Fade time

- 3.3.1 Recording Scene mode enables.
- 3.3.2 Adjust the "Master Control Fader" all ways up to 600s to set the desired level.
- 3.3.3 Once you're satisfied with the setting, tap the "OFF" button to store it. All LED indicators will flash repeatedly 3 times.
- 3.3.4 Exit the Recording Scene mode.

### 3.4 Set the Total Number of Controllable Channels

- 3.4.1 Disconnect the main power of X-Fade-6.
- 3.4.2 Select the channel total number which you wish to control. When using the "Channel Fader 1", the channel total which you wish to control is "1"; when using the "Channel Fader 2", the channel total which you wish to control is "2"; and in the function, the channel total which you wish to control is up to "6".
- 3.4.3 Should adjust the "Master Control Fade" over 5 position when selecting the channel number.
- 3.4.4 Keep and hold the "OFF" button, and power the X-Fade-6 on, all LED indicators will come on. Release the "OFF" button, and all LED indicators will flash repeatedly 3 times.

### 3.5 Playback Scenes

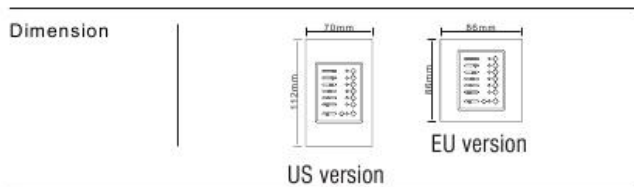
- 3.5.1 Only stored scenes can be playback.
- 3.5.2 Directly tap the "Scene" button to select the scene which you wish to playback.
- 3.5.3 Users can use the Infrared Remote to operate your X-Fade-6.

### 3.6 Restore Scene

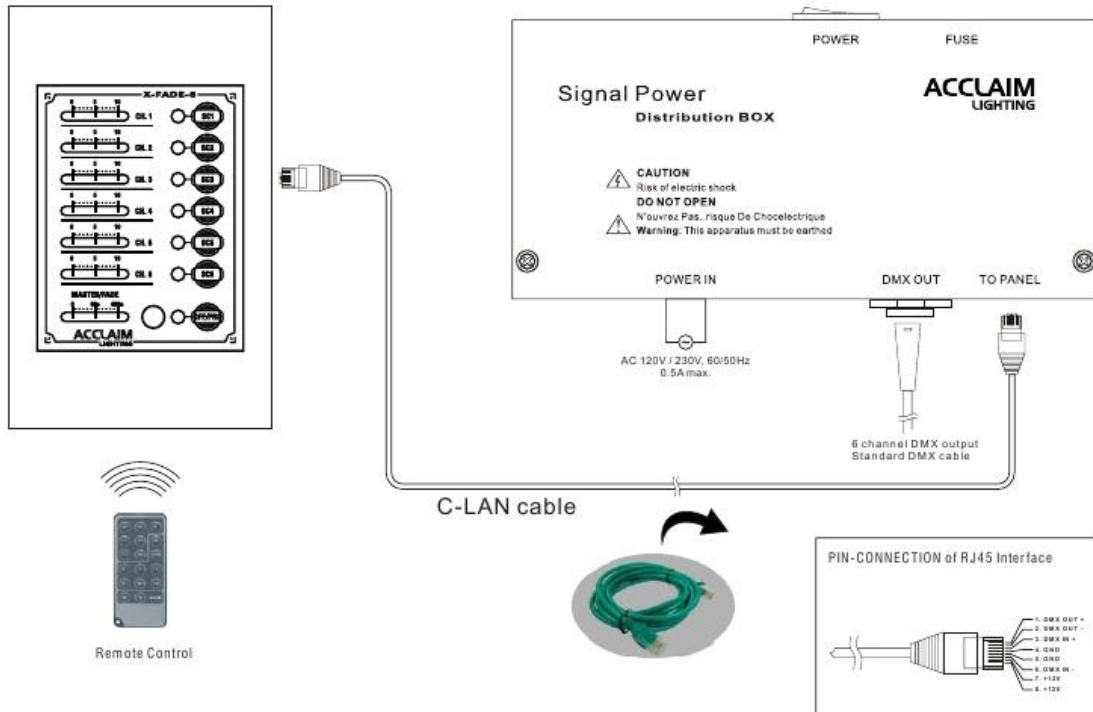
- 3.6.1 Disconnect the main power of the X-Fade-6.
- 3.6.2 Keep and hold down the "Scene1" button which you wish to restore , and power the main power of the X-Fade-6 on, until all Scenes' LED indicators will illuminate. Then release the "Scene" button to restore, and all Scenes' LED indicators will flash repeatedly 3 times

## 4. Technical Specifications

- Power Requirement      12VDC
- Connection                RJ45 interface
- Housing                     Polycarbonate
- Ingress Protection Rating    IP20
- Control Protocol            DMX-512 (1990)
- Listing                      CE certified
- Operation temperature    -10 degC to +50 degC
- Dimensions                US: 112(L) x 70(W) x 45(H)mm  
EU: 86(L) x 86(W) x 45(H)mm
- Weights                     200g



### 5. System Connection Diagram



**NOTE:**

Effective distance from the infrared sensor of X-Fade-6 to Infrared Remote shall be limited within the range of 10m. Otherwise, it results out of control.

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