

# PRELIMINARY DATA ONLY



## DMX FX512

**The ADJ Lighting DMX FX512 is a 3-space, 19-inch rack mount controller for both moving heads and LED pars with 16 effects generators and 512 channels. Its compatible with DMX and RDM protocols.**

The ADJ Lighting DMX FX512 is a cutting-edge 19-inch rack-mount DMX controller designed for professional lighting applications such as churches, nightclubs, stages, or for event production. With a compact 3-rack space design, this tactile, hands-on controller boasts powerful features, for both moving heads and RGB LED fixtures, that elevate the lighting experience for lighting designers and operators on the go or in a fixed installation.

Equipped with DMX-512 and RDM protocols, the DMX FX512 allows precise control of up to 512 DMX channels, managing up to 32 intelligent fixtures with 18 channels each. Create captivating light shows with 32 programmable scenes and 32 chases, each up to 100 steps, running up to 5 chases simultaneously. Soft-patchable faders and control wheels provide flexibility, while 16 built-in effect generators, 9 for moving lights and 7 for RGB LED fixtures, offer dynamic lighting possibilities. Using RDM, you can remotely access and configure DMX addresses and channel modes for your fixtures, eliminating the need for physically reaching each device. This not only saves you valuable time during setup but also ensures a hassle-free and error-free address assignment process.

The control interface is intuitive, featuring a digital display, 16 channel control faders, dedicated Pan/Tilt wheels, and 16 Effects/Fixture select buttons. The built-in Mic with digitally adjustable sound sensitivity enhances the interactive experience. Connect effortlessly with 5-pin XLR DMX Output. A USB port is on the front panel designed for data backup and firmware updates.

Compact and lightweight, the DMX FX512 measures 5.28" x 19" x 2.71" and weighs only 4.7lbs. It has rubber feet and can be used freely on a front of house design desk without being rack mounted.



## FEATURES:

- 19" Rack-mount DMX Controller (3 rack spaces)
- DMX 512 & RDM protocol
- 512 DMX channels
- Control up to 32 intelligent fixtures, up to 18 channels each
- 32 chases, each up to 100 steps, can run 5 chases simultaneously
- 32 programmable scenes
- Soft-patchable faders & control wheels
- 16 built-in effect generator: 9 for moving light and 7 for RGB LED fixtures
- USB for data backup and firmware update

## CONTROL:

- DMX512 and RDM
- RDM to set the DMX addresses of the fixtures from controller
- 16 channel control faders
- Dedicated Pan/Tilt wheels (User Assignable)
- 16 Effects / Fixture select buttons
- Sound sensitivity digitally adjustable (0%-100%), built-in Mic.
- With Wired Digital Communication Network

## CONNECTIONS:

- 5-pin XLR DMX Output
- Power Supply Input
- USB A Port

## OPERATIONAL CONDITIONS:

- Use in dry location only
- Min. ambient temperature: 32°F (0°C)
- Max ambient temperature: 113°F (45°C)
- Humidity: <75%
- Allow 6" minimum between this controller and surrounding devices or wall

## STORAGE CONDITIONS:

- Store in a dry location
- Ambient storage temperature: 77°F (25°C)

## DIMENSIONS / WEIGHT:

- Length: 5.28" (134mm)
- Width: 19" (482mm)
- Height: 2.71" (68.9 mm)
- Weight: 4.7lbs.(2.13kg.)

## POWER:

- Power Supply: DC9V 12V 300mA min.  
(DC9V 1A PSU Included)
- Power Consumption: DC9V 165mA 1.5W,  
DC12V 16mA 2W

## APPROVALS / RATINGS:

- cETLus (Pending)
- CE
- IP20
- IP20

