DMXelf
User Guide

Thank you for your purchase.
Please read the instructions before use.
And please keep it with proper care.

v 1.0 2020.12

Content is subject to update without prior notice
You can check the latest version on YEL official website
www.yelighting.com

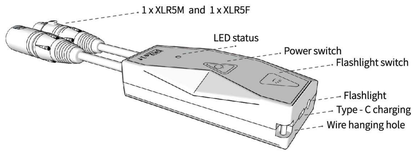
Scan the code to download **DMXelf APP**

Important Information (Safety Advice)

The product is a precision electronic product. Please do not use it in an environment that is excessively humid or may cause water to enter the product, otherwise it may cause malfunction.

Introduction

DMXelf can easily test, analyze, and control any DMX512 device, including fixtures and consoles, etc. DMXelf is made up of a portable hardware and APP.



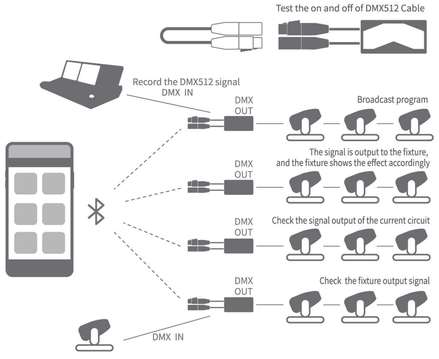
Specification

Software	
Wireless communication	Bluetooth LE
Range	0～15m
App	Android 8.0、iOS 9.0 or above
Language	Chinese、English
Hardware	
Dimensions（mm）	102L *50W *23H（without cable）
Weight	About 0.17kg
Operating ambient temperature	Charging32~113°F；Work-41~122°F；Storage：-4~95°F
Connection	1 x XLR5M and 1 x XLR5F
Charge Connection	Type-C
Charge Time	4h
Battery Run Time	20h

*In the Box：DMXelf *1，Manual *1，Type-C Charge Cable (0.5m) *1

Scenarios

1 - DMX512 Cable test
2 - Connect it to console:
analyze and display the DMX512 signals
3 - Connect it to fixture:
control the fixture, check the DMX512 signals



Features - Hardware

Power On

Press the power button and hold on until the LED states turn to green flash.
If the LED status is not on, please try charging

Power Off

Long press the power button, LED off

LED Status

Flash Green: Power On
Green On: Connect Successful
Flash Green Irregularly: Updating（**Don't Power Off!**）
Red On: Charging

Flashlight

The DMXelf build-in a flashlight. Long press the flashlight button.

Adaptor Function

The DMXelf has a XLR5M and a XLR5F (main port) .

XLR5F: It can be sent and receive DMX512 signals (main port)
XLR5M: Test DMX512 signal cables in combination with XLR5F;
Output DMX512 signals which input by XLR5F

APP Install

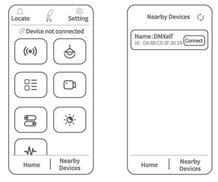
APP Download

Search "DMXelf " in APP store, download and install it.
Download app from our official website:
http://www.yelighting.com/web/download/download_center.html

DMXelf

Connect APP

*DMXelf app needs enable bluetooth and location
Launch the DMXelf app,
click **"Nearby Devices"**, connect the device
*After connect successful, LED status turn to green and all bright



Features - Software

- **Signal Test**
There are four main function: Signal Cable Test; Signal Test Analysis; Signal Tracking; Live View

- **Fixture Test**
In this function, all kinds of the devices which controlled by DMX512 can be controlled by DMXelf

- **RDM Control**
Identify and control fixture with RDM function

- **Record**
Record the value of DMX512
Playback of recorded values

- **DIP**
Type in a DMX value to read the corresponding to DIP switch, or vice versa

- **RF SPECTRUM ANALYZER (ANDROID ONLY)**
Find a wireless network frequency band with less interference

- **LIGHT METER (ANDROID ONLY)**
The Light Meter gives a readout of the current LUX and Lumen/ft2 from the light sensor on any Android phone

Usage

Signal Test 1 Signal Cable Test

Device connection:
Connect the DMX512 cable to DMXelf
cable - DMXelf - cable
APP:
In **Signal Cable Test** menu,
click **"Test"**

Signal Test 2 Signal Test Analysis

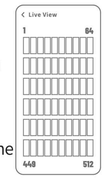
Device connection:
Connect DMXelf to DMX512 output
DMX signal output - DMXelf main port
APP:
In **Signal Test Anylysis** menu,
input **"Channel Adress"** (range:1-512)
and click **"Test"**,
the level of the channel will be displayed;
then click **"Analysis Details"**,
more detail signal values will be displayed

Signal Test 3 Signal Tracking

Device connection:
Connect DMXelf to DMX512 output which you want to track
DMX signal output - DMXelf main port
APP:
In **Signal Tracking** menu,
input **"Channel Address"** (range:1-512)
and click **"Track"**, then the DMX512 value can be tracked in graph
All values will be cleared when click **"Refresh"**

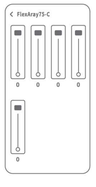
Signal Test 4 Live View

Device connection:
Connect DMXelf to DMX512 output which you want to view
DMX signal output - DMXelf main port
APP:
In **Live View** menu, It can monitor the real time DMX values of 512 channels



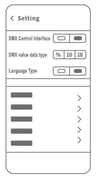
Fixture Test

1-Fixture
Device connection:
Connect DMXelf to fixture
APP:
In **Fixture Test** menu,
click **"Fixture"**,
select the Manufacturer, Name, Type, Channel Mode, DMX Start Address
click **"Next"**,
then enter the fixture control interface



2-Channel
Device connection:
Connect DMXelf to fixture
APP:
In **Fixture Test** menu,
click **"Channel"**

**there are two control interface (Keyboard and Slider)*
it can be switch in **"Setting" menu*
**And you can store value in Slider interface.*



RDM Control

Device connection:
Connect DMXelf to RDM fixture
APP:
1-In **RDM Control** menu, all RDM fixture will be displayed in list,
click **"Identify"**, the fixture will be some action

Note: if there is no fixture in list, please check the connection or check the fixture RDM function

2-Click **"RDM"**, the fixture' s attributes can be displayed, and you can change parts of them
3-Click **"DMX"**, enter fixture control menu

Record

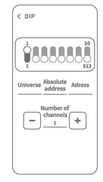
Device connection:
Connect DMXelf to DMX512 output which you want to record
APP:
Record——
In **Record** menu, click **"Record "**, then click Red Button to start record, click **"Finish"** to end record and named the record file.
Replay——
Select the record file,
click **" ▶ "** to replay

Import record file:
In Record menu,
click "import", select the record file which you want to import (record file named like "record.json")

Export record file:
***IOS:** Swipe left record file and click export*
***Android:** Just copy "record.json" file*

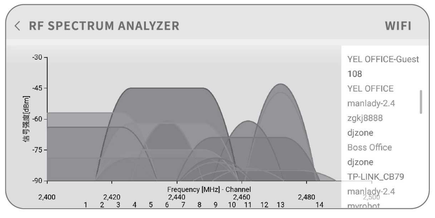
DIP

The **"Number of channels"** allows the user to step up in address by a fixed amount, allowing for quick addressing of multiple fixtures as once.



RF SPECTRUM ANALYZER (ANDROID ONLY)

The RF Spectrum Analyzer scans the 2.4GHz band for any Wi-Fi signals, and displays them in a graph by both strength and frequency.



LIGHT METER (ANDROID ONLY)

The Light Meter gives a readout of the current LUX and Lumen/ft2 from the light sensor on any Android phone.

Warranty Description

Warranty Card

Product Model			
Product Number			
Purchase Date			
After-Sales Service Hotline			
Warranty Date	Failure and Treatment Method	Date of Completion	Customer Signature

Warranty Clauses

I. When purchasing this product, please carefully fill in this form and read the warranty clauses to ensure that the product is effectively guaranteed.
1. The user shall properly keep the relevant certificates when purchasing the product, and ask the seller to stamp thereon for confirmation.
2. In case of maintenance, this warranty card must be provided at the same time.
3. This warranty card must be filled in with correct and true information, otherwise it will be invalid.
4. The product warranty period is one year. During the warranty period, if the product fails due to the poor quality of the original devices or production problems, the company shall provide free maintenance and parts replacement.
II. If the product is damaged and cannot be used normally due to the following reasons, the product shall not be covered by the warranty.
1. Damage caused by failure to use or install according to the instructions.
2. All product damage caused by man-made or accident.
3. Repair or modification not approved by our company or broken product sealing sticker.
4. Aging, bumps and scratches on the surface of the product.
III. After the warranty period expires, the user can still get the maintenance service provided by the company, but the corresponding fee must be paid.

Jiangsu YEL Intelligence Technology Co., Ltd.
Headquarters: Changsi Industrial Park, Sihong, Jiangsu
R&D Center: 1st Floor, Building 1, Jinlinggu Science and Technology Park, Yuanjiang Road, Minhang District, Shanghai