512 channels WIFI-DMX Interface

V.1.0.2



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Technical features of the interface

| DMX Output Connector: | XLR 3 (XLR 5 optional) |
|--------------------------------------|--|
| Input/Output Connectors: | Screw terminal (4 pins + 5 pins) |
| Number of DMX Outputs: | 512 (PC + Stand Alone) |
| External triggers: | x4 contacts (5V.) multiplexed to 15 contacts max |
| Master/Slave connection: | Yes, 3 wires for 16 connected interfaces max |
| DMX Speed: | 1 to 45 Hz, MaB, Bk |
| Stand-Alone Mode: | Yes |
| Internal Clock (RTC): | Yes |
| Internal calendar: | Yes |
| Backups of the internal clock: | Yes, 3 weeks without power |
| Internal memory: | Yes (4 MB) |
| Memory Capacity: | 4000 steps with 512 channels, 100 000 steps with 16 channels |
| Display of signal states: | DMX LED + WIFI LED |
| Power supply: | 9-36V |
| Contact Input Voltage (stand-alone): | 5 V. (25m of cable distance with the contacts) |
| Input Current: | 60 to 175 mA |
| Power: | 2 W |
| CPU's technology: | 32 bits |
| Dimensions: | H : 48 mm, W : 70 mm, D : 127 mm (PCB: 122/60/35) |
| Weight: | 250 g |
| Color: | Black |
| Operating temperatures: | -25 à +70 °C |
| Certificates: | CE, RoHS, FCC |
| WIFI standards: | 802.11 b/g/n Compatible |
| Operating Frequencies: | 2.4 – 2.497 GHz |
| Output RF Power: | 8 ± 1 dBm |
| | |

General pinout and device's connectors



Warning: An overloaded environment with WIFI and wireless wave from multiple devices can disturb the proper functioning, the connection and the communication of the interface.



3 Pins XLR DMX Connector:

May be setup as input or output. 1: Ground (XLR DMX) 2: Data - (XLR DMX) 3: Data + (XLR DMX)

External screw Connector:

4: Master/Slave Data5: Master/Slave Clock6: Ground7: External input power 9-36 V (mandatory)

Signal LEDs:

8: WIFI Signal (Green)

9: DMX Signal (Red)

WIFI LED Operation (green):

ON: The interface is powered and is working. ON after blinking, then the connection is established.
OFF: The interface is not powered or there is a problem. After blinking, the connection failed.
Blink quickly: The interface is connecting to a network or the interface is restarting (via Reset button).
Blink slowly: Change of WIFI channel, the number of flashes indicates the channel (1 to 13).

DMX LED Operation (red):

OFF: No DMX signal on the line.ON: DMX Signal active and sent to DMX line.Blinking: DMX Signal speed is slower.

Rear side of the interface



External Connector:

10: External Trigger D11: External Trigger C12: External Trigger B13: External Trigger A14: External trigger voltage 5V

Antenna: 15: WIFI Antenna connector

External Button:

16: WIFI channel and Reset Button

Reset button operation:

Simple push: change WIFI channel (13 possible channels). Continuous push (5s.): (until fast blinking of green LED), reset of the interface.

External triggers operation:

Connect the pins to 5V following these combinations: 01 = A; 02 = B; 03 = AB; 04 = C; 05 = AC; 06 = BC; 07 = ABC; 08 = D; 09 = AD; 10 = BD; 11 = ABD; 12 = CD; 13 = ACD; 14 = BCD; 15 = ABCD. The interface gives 4 contacts (01, 02, 04, 08) you have to use a de-multiplexing interface in order to go from 4 to 15 possible combinations. (25m of cable distance with the contacts).

Default Access point Mode and first connection to network

At the first use, an interface creates by default an access point or LimitedAP WIFI network and automatically connects to it. When it works properly, the WIFI-DMX interface appears in the WIFI network list of your computer. A click on the icon of WIFI networks gives the complete list of available networks.

Default LimitedAP network features: Default network name: W-DMX FXXXX (FXXXX : Interface's 5-digit serial number) Default IP address: 192.168.0.111 Subnet mask: 255.255.255.0 Default WEP password: 1234567890

The user has to connect the computer to the network via the network utility, he must set the password. You have to wait a few seconds to establish the complete connection.

| Actuellement connecté à | : | ÷, | * |
|------------------------------------|--------------|-----|---|
| Réseau non ident Accès Internet | ifié | | |
| Connexion réseau sans fil | | ^ | |
| W-DMX F1234 | Connecté | ,ul | |
| home34 | | .ul | |
| FreeWifi_secure | | .ul | |
| FreeWifi | | 31 | |
| FREEBOX_MICHEL_T1 | | | |
| Livebox-72D1 | | .ա | |
| Autre réseau | | .11 | |
| | | | Ŧ |
| Ouvrir le Centre Rés | eau et parta | ge | |

Ad-Hoc Mode

The interface can also creates an Ad-Hoc WIFI network. When it works properly, the WIFI-DMX interface appears in the WIFI network list of your computer. A click on the icon of WIFI networks gives the complete list of available networks.

The user has to connect the computer to the network via the network utility, he must set the password and then change the IP address of the computer WIFI network interface.

The following chapters explain the steps to properly perform the IP address change. You have to wait a few seconds to establish the complete connection.

Ad-Hoc networks are no longer supported by Windows 8.1.

| Currently connected to: home34 Internet access | 49 |
|--|---------------|
| Wireless Network Connect | ion 🔺 |
| home34 | Connected |
| W-DMX (Ad-Hoc) 88781 | 4 Connect |
| FreeWifi_secure | lie. |
| FreeWifi | Sul |
| Other Network | lite. |
| Open Network and S | haring Center |

Change the IP address on Windows system

Click on the icon which displays all the available WIFI networks.

Right click on the network where you connected (W-DMX (Ad-Hoc) FXXXX) (figure 1) and click on Status to show options about the current wireless network.

Go in **Properties** (1).

Click on Internet Protocol Version 4 (TCP/IPv4) (2).

Click on Properties and check Use the following IP address (3):

Put the IP address 192.168.0.XXX with XXX between 2 and 255 (except 111).

df Wireless Network Connection Status

Put the Subnet mask **255.255.255.0**.

Default gateway is optional.

Validate changes and close the following windows.

| General | | |
|--|--|--|
| Ceneral Connection IPv4 Connectivity: IPv6 Connectivity: Media State: SSID: Duration: Speed: Signal Quality: Dgtails Activity Sent — Packets: 3 | No network access No Internet access Enabled W-DMX (Ad-Hoc) 88781 03:57:22 11.0 Mbps | |
| Wireless Network Connection Properties | E Diagnose Close Close Internet Protocol Version 4 (TCP/IP General You can get IP settings assigned a this canability. Otherwise, you need | v4) Properties |
| Broadcom 802.11n Network Adapter | for the appropriate IP settings. | tically 192 . 168 . 0 . 12 255 . 255 . 255 . 0 |
| ✓ ▲ Link-Layer Topology Discovery Mapper I/O Driver ✓ ▲ Link-Layer Topology Discovery Responder Install Uninstall Properties Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication | Obtain DNS server address a Use the following DNS server Preferred DNS server: Alternate DNS server: | utomatically addresses: |
| across diverse interconnected networks. OK | Validate settings upon exit | Ad <u>v</u> anced |

Connection with software can be established only if the WIFI network is available, the computer connected to the network and with a correct IP address.

Change the IP address on Mac OS X system

Click on the icon which displays the available WIFI networks and **Open Network Preferences (1)**. Select the current network where you are connected (W-DMX (Ad-Hoc) FXXXX) and click on **Advanced** to show network options (2).

Go on TCP/IP tab and choose Configure IPv4 Manually (3).

Put the IP address **192.168.0.XXX** with XXX between 2 and 255 (except 111). Put the Subnet mask **255.255.255.0**.

Default gateway is optional. Validate changes and close the following windows.

| Ð | * | <u></u> | 100% 💽 | Fri 12:12 pm | Q | := |
|---|---|------------------|-----------------------|--------------|---|----|
| | | Wi–Fi: Turn V | On Vi-Fi Off | | | |
| | | ✓ HOME CMCC | | lie lie | | |
| | | Join O Create | ther Netw Network. | ork | | |
| | | Open | Network P | references | | |

| ● | Network | $\Theta \Theta \Theta$ | Netwo | ork |
|----------------------|--|------------------------|--------------------|--------------------------------|
| Show All | Q | Show All | | Q |
| Locati | on: Automatic 🗘 | 🤶 Wi-Fi | ocation: Automatic | 3 |
| e Wi-Fi Connected | Status: Connected Turn Wi-Fi Off | WI-FI | TCP/IP DNS WINS | 802.1X Proxies Hardware |
| Bluetooth PAN | Wi-Fi is connected to HOME GZ and has the IP address 192.168.1.4. | Configure IPv4: | Manually | Control to PONE C2 and has the |
| Not Connected | | IPv4 Address: | 192.168.0.3 | |
| Not Connected | Network Name: HOME GZ + | Subnet Mask: | 255.255.255.0 | |
| | Ask to join new networks | Router: | 192.168.1.1 | |
| | If no known networks are available, you will have to manually select a network. | Configure IPv6: | Automatically | ÷) |
| | | Router: | | |
| | | IPv6 Address: | | |
| | | Prefix Length: | | |
| A | Show Wi-Fi status in menu bar | | | |
| T - W. | | (7) | | Cancel OK |
| | Assist me Revert Apply | | | Assist me |

Access Pint (LimitedAP) mode configuration

With the software, you can change settings of the **LimitedAP** network (network name and password). Open **Tools/Options** menu and choose **Device**.

Interfaces which are connected and detected appear automatically on the interfaces list.

On **Device** window, select **Access Point**, modify the available fields and **Apply** to take and save the new Ad-Hoc settings of the WIFI to DMX interface.

| 23 | Device #1 : 192.168 | .0.111 LPSA W | IFI GF1234 A C | out # Univers | DMX1 | |
|-------------|---------------------|-----------------|------------------|-----------------|-----------|-----------------|
| General | | | | | | |
| 3 | | | | | | |
| N "" | | | | | | |
| Network | | | | | | |
| | DMX | | | | | |
| live Board | DMX | A: Out | ▼ Univ | ers DMX 1 | • | Apply |
| | DMX | B: | - | | - | 0PF13 |
| | Firmware | | | | | |
| Device | version: | | 1.1.0.9 | | Updat | te Firmware |
| **** | Speed Break | | MaB | 20.05 | • |)efault |
| Midi | Period 2 | 5 ms 🔻 | Delay | 1 | • | Apply |
| ART | Network Config | | | · | | |
| Art-Net | Router : | ssid | Pwd : | 0123456789 | | |
| | AdHoc : | ssid | Pwd : | 0123456789 | A | opliquer |
| | Access Point : | ssid | Pwd : | pwd | | |
| | Type : | WEP | Key: | 1 | • | |
| | DHCP IP: 0 | 00.000.000.000 | Mask : 000 | .000.000.000 | GateWay : | 000.000.000.000 |

The interface's IP address in LimitedAP mode is always set to 192.168.0.111. The password required to contain 10 characters (digits and/or letters from A to F).

Ad-Hoc mode configuration

With the software, you can change settings of the Ad-Hoc network (network name and password). Open **Tools/Options** menu and choose **Device**.

Interfaces which are connected and detected appear automatically on the interfaces list.

On **Device** window, select **Ad-Hoc**, modify the available fields and **Apply** to take and save the new Ad-Hoc settings of the WIFI to DMX interface.

The interface's IP address in Ad-Hoc mode is always set to 192.168.0.111. The password required to contain 10 characters (digits and/or letters from A to F).

Infrastructure mode configuration

Infrastructure mode allows to be connected to a WIFI access point, such as a router or a modem. To be connected to an access point, you need to configure the WIFI interface with the network parameters of this access point.

With the software, you can modify the parameters of the infrastructure mode (network name, password, DHCP, IP address, type of Key).

Open the **Tools/Options** menu and choose **Device**.

Interfaces connected and detected appear in the **Device** list.

In the **Device** window, select **Router**, modify the available fields and **Apply** to take and save the new WIFI network settings of the WIFi to DMX interface.

Available fields are:

- Network name « Router » of the access point.

- Password « **Pwd** » of the access point (if necessary).

- Password type (WPA or WEP) of the access point. If there is a WEP password, you need to indicate the key index « Key ».

- « **DHCP** » (Automatic Assignment of IP Addresses), if the access point uses DHCP, you need to keep the DHCP box checked, else, you need to unchecked this box and filled in the next fields IP, Mask and Gateway. - « **IP** », IP address of the Wifi to DMX Interface.

- « Mask », Subnet mask.
- « Gateway », default gateway, usually the IP address of your access point. (not necessary)

You have to search and confirm the access point parameters to correctly configure the WIFI interface. The password key (WAP or WEP) must be choose correctly or you won't be able to get the communication with the WIFI interface working and you will have to reset the interface to recover the default Ad-Hoc mode. To know the type of password key, in the list of available network, right click to your the connected network and chose **Properties**.

The computer (connected with the WIFI interfaces) must be configured using the same settings as the infrastructure mode (with a different IP address than the connected WIFI interfaces). To properly configure the computer, you can follow the chapter « Change the IP address on Windows system». Uppercase and lowercase letters are managed for the password and network name.

WIFI interfaces detection and network connection

In LimitedAP mode, the computer needs to be connected to the LimitedAP network created by the interface. It needs a dynamic IP address (DHCP).

In Ad-Hoc mode, the computer need to be connected to the Ad-hoc network created by the interface. In infrastructure mode, the computer and the WIFI interface need to be connected to the same access point.

You need to well configure the network interface of the computer according to the communication mode: If your access point uses the DHCP, don't forget to change the computer network parameters and be sure the option « Obtain an IP address automatically » is checked (cf. **« Change the IP address on Windows »**). It is possible to choose the computer network interface used for the communication with the **Network** options, from the **Tools/Option**s menu of the software.



Start the DMX software to detect and open automatically each interface connected to the Ad-Hoc or infrastructure network and with a correct IP address.

The WIFI interfaces list is displayed on the splash picture when start-up the software, on the Help menu and on the **Device** window in the **Tools/Options** menu.

Manual detection of interfaces

It's possible to manually select the network interface to detect interfaces. To do this, open the software, click on **Tools** and then click on **Options**.

Go to the **Network** tab, check "Select manually a Network Interface" and click on the button on the right. A window with a drop-down menu opens, this button allows to select the network interface on which you want to detect WiFi interfaces.

| tions | () V V - 1 - 1 | |
|----------------|--|--|
| | IP : Connexion réseau sans fil : 192.168.0.3 Devices | Connexion au réseau local : 192.168.0.10 |
| General | ☑ Select manually a Network Interface : | 192.168.0.3 |
| Network | Art-Net | |
| | Smartphones server | |
| Live Board | Start Smartph | ones server |
| Device | Start Smartphones server manually Start Smartphones server at opening Start Smartphones server at Live Board opening | |
| ART Art-Net | | |
| | | Apply OK Cancel |

Confirm the different windows by clicking OK and restart the software to launch the detection.

Configuration and connection of several interfaces

In infrastructure mode with an access point

With several interfaces and a common access point, you need to configure each interface in infrastructure mode, with the same parameters than the access point and with different IP addresses (automatically done if DHCP active).

In this configuration, all interfaces and computer connect to the same access point. Then, the software can detect automatically all interfaces connected to the network.

In Ad-Hoc mode

In this mode, you have to configure only one interface in Ad-Hoc mode then all the others in infrastructure mode using the same parameters of the Ad-Hoc interface.

With the software, configure the first interface in Ad-Hoc mode with your personal parameters (network name and password).

For the other interfaces (in infrastructure), check the box « Router ».

Enter the same name and password than the Ad-Hoc interface (Type : WEP, Key : 1).

Do not select the DHCP option.

Define an IP address for each interface in infrastructure mode (base on this IP address 192.168.0.XXX). Set Subnet mask to 255.255.255.0.

Set default gateway to 192.168.0.1.

Once all interfaces are in infrastructure mode and connected to the Ad-Hoc network, connect your computer to that same Ad-Hoc network and choose a different IP address than connected interfaces. Then, you can launch the software to communicate with devices.

Data is exchanged directly between the computer and each interface, so there have to be present within range of the computer.



The advantage of this configuration is that it's not necessary to use an additional external module (access point), such as router or modem.



Interface Master/Slave connections

Master/Slave mode allows to synchronize scenes and trigger actions of several interfaces together. To use interfaces as Master/Slave, you have to connect the interfaces each others with the screw front side connector of the interface. You need to connect together the pins M/S Data, M/S CLK and GND, as following



Connection problems

In case of connection issues, you need to check the network parameters of your computer and work on the good computer network card (WIFI) and disconnect and reconnect the WIFI to DMX interface. If it doesn't solve the problem, it's also possible that the WIFI environment is disturbed or saturated, you have to press briefly the button on the rear side of the interface to change the WIFI channel or press the

button during 5 seconds to restore the interface with its default parameters.

Check antenna fixation and do the test again near the interface to avoid all signal losses due to long distance running.

Check well the key WPA or WEP of your infrastructure network.

Triggers configuration with the software

The Stand Alone mode of the software enables to configure and personalize all the triggers. The information will be directly saved in the DMX interface memory with the memory writing function.

Switch to Stand-Alone mode

When the device isn't connected to the software, it enters in Stand Alone mode after five (5) seconds. If the device has just been powered, the Stand Alone mode is active right after the success or failure of the connection (5 s. after).

External contact triggers

The Stand Alone mode offers up to 15 external possible triggers.

By selecting a scene in the list, it's possible to choose the external contact number (from 01 to 15) to trigger the scene.

By default, the interface gives 4 external contacts (01, 02, 04, 08). To obtain 15 external contacts, you have to use a de-multiplexing interface in order to go from 4 to 15 possible combinations.

| 8 | Scene 18 | 00m 45s 960 | ₽ 00:00:000 ∰oo | External Contacts : 03 |
|---|----------|-------------|------------------------|------------------------|
| 0 | Scone 10 | 00m 45c 060 | Pagagaga an an | 05 |

Time triggers with clock and calendar

The Stand Alone mode has an internal clock and a calendar. It's possible to assign a time trigger on every scene of the list.

By selecting a scene on the list, it's possible to choose the start and end dates and hours and days of the week. You can thus create a lot of scenarios.

| V Start schedule : 23 h 🚔 21 m 🖨 | | | | | | | | V End | l schedu | le : | 23 | 3h 🗄 | 🗧 22 m | - |
|----------------------------------|-----|-------|-------|-------|-----|------|----|-------|----------|-------|--------|------|--------|-----|
| G | | Febru | uary, | 2014 | | 9 | | 0 | | Febru | uary, | 2014 | | 9 |
| Sun | Mon | Tue | Wed | Thu | Fri | Sat | | Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| 26 | 27 | 28 | 29 | 30 | 31 | 1 | | 26 | 27 | 28 | 29 | 30 | 31 | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 1 | | 23 | 24 | 25 | 26 | 27 | 28 | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Sur | ı. | V Mo | n. | 🔳 Tue | è. | V We | ed | I. [| 🔳 Thu. | | V Fri. | | 📃 Sat. | |

Start schedule:

Date + hour when trigger is active. Date may be anterior or ulterior at the current date. The scene will be triggered in the case of an ulterior date.

End schedule:

Date + hour when triggers is not active anymore. The scene can't be stop at the indicated hour and date. Stop time allows to define an important interval when the trigger stays active, there may be several years between start and stop time.

Stop a scene at an specific hour:

In that case, you need to use 2 scenes. The first one to play illuminations on the wished start time. The second one neutral and without DMX levels to stop the current scene at its wished start time. In this simple example, the illumination scene is playing normally and the stop scene will replace it during the stop period.

Day of the week:

The scene will trigger at the time of the start schedule for all the selected days of the week during the defined period with start and stop schedules.

Save and recover the last scene after the power cut off:

Scenes with a start schedule and a stop schedule are set on a defined time space and can be memorized. The interface save the last scene played before the power cut off and recover it when the power is restored. The scene must obligatory include a start schedule and a stop schedule activate this option.

Scene trigger priorities:

When several scenes have the same time trigger (date + hour + minute), only the first time trigger in the scene list will be triggered.

Selection of the Master/Slave interfaces

The Stand Alone mode allows to choose 1 interface and to configure this interface like Master when you have several interfaces connected to your computer USB ports. From the interface list, it is possible to choose only one to be the Master, all the other one will be configured as slave by default. The interfaces are always ordered by serial number ascending order.

| Devices | Device | | | |
|--------------------------------|--------|-------------------|-----------|---|
| Device #1 : LP 512 TRIG F00317 | | Master / Slave : | Master | • |
| Device #2 : LP 512 TRIG F00318 | | In / Out Config : | DMX 1 Out | * |

Interface firmware update

You can update interfaces firmware with the software.

The software need to recognize the interface on startup and normally communicates with it.

Then go to **Tools** => **Options** to open Options window.

In the **Device** tab, the list of detected devices appears. You need to select the device you want to update in that list.

| ptions | Carlos and the second second second | |
|------------|--|------|
| General | Device #1 : 192.168.0.5 LPSA WIFI GF4897 A Out # DMX Universe 1 | |
| Device | DMX DMX A : Out DMX Universe 1 DMX B : | |
| Art-Net | Firmware Version: 1.1.1.1 Update Firmware | |
| N | Speed Break : 90 us MaB : 20 us Default | |
| Network | Period : 25 ms Delay : 1 Apply | |
| | Network Config | |
| Live Board | | |
| Live bound | O AdHoc : ssid Pwd : 1234567890 Apply | |
| | ◎ Infastructure : ssid Pwd : pwd | |
| | Type: Key: Image: DHCP IP: 000,000,000 Mask: 000,000,000 GateWay: 000,000,000 000, | 00 |
| | Apply OK Car | ncel |

Look at the Firmware part, if the interface is not updated, the "Update Firmware" button will be available. If the interface already have the latest firmware version, then the update is inactive.

Click on the update button to launch the update (5 to 10 minutes needed).



If the update fails, an error message appears.



In this case, close the software and disconnect / reconnect the interface.

A new LimitedAP network is now visible in the WIFI networks list of your computer:

Network Name: WIFI-DMX WEP Password: 1234567890

You must connect to it and then restart the software.

The software will detect a device that does not respond, but it's still possible to restart an update via the **Tools/Options** menu as explained above.

| Actuellement connecté à : WIFI-DMX Accès Internet | | +9 |
|--|--------------|-------------|
| Connexion réseau sans fil | | ^ |
| WIFI-DMX | Connecté | .11 |
| home34 | | .11 |
| FreeWifi_secure | | lle, |
| FreeWifi | | 3 11 |
| Tybusausorus | | ով |
| | | |
| Ouvrir le Centre Résea | u et partage | |

| Device #1 : Not | responding | | | |
|-----------------|-----------------|------------|-----------------|----------------------|
| neral | | | | |
| | | | | |
| | | | | |
| vice | | | | |
| THE DMY | | | | |
| | MX A : | •] | | |
| | MX B : | | • | Apply |
| Firmware | | | | |
| -Net Version : | | | | Update Firmware |
| Speed | | | | 2 |
| Break | • | MaB : | | Default |
| work Period | • | Delay : | | Apply |
| Network Config | | | | |
| Access Point | t : ssid | Pwd : | 1234567890 | |
| O AdHoc : | ssid | Pwd : | 1234567890 | Apply |
| 🔘 Infastructur | e : ssid | Pwd : | pwd | |
| Тур | be : | - Key : | • | |
| DHCP IP: | 000 000 000 000 | Mask : 000 | .000.000.000 Ga | teWay: 000,000,000,0 |

After a successful update, you must disconnect / reconnect the device. It will automatically connect in the same network than before the update.

Note:

After the update of an interface from a 1.0.0.7 or before version to a 1.1.0.8 or later version, it is necessary to disconnect / reconnect the card, and to do a reset in the case the interface was connected to an ad-hoc network. In the latter case, the interface switch to the access point mode.

Trigger and control with the Wi-Light application

The Wi-Ligth application can receive the list of scene saved in the WIFI-DMX interface Stand Alone memory. It can also trigger a scene from the list, change the speed, the dimmer, the RGBW colors and the DMX channels values.

The online Wi-Light application is available on itune and Google play and works for Android and iOS systems.

You must connect your phone or tablet to the access point (router) with the correct parameters and setup the WIFI-DMX interface in infrastructure mode to communicate together.

Some tablet and the Apple products already include the Ad-Hoc communication protocol, in this case you don't need to use an access point and the Ad-Hoc configuration of the WIFI-DMX interface will be enough.



In Infrastructure, the application search the device via IP address 192.168.0.255 (broadcast).

If no scene appears in the Scene tab, means that the IP address doesn't match with the IP address type of your router. You need to check your IP address and change the broadcast address in the application. **Example:**

If your terminal connect to the access point has an IP like 192.168.1.XXX, then you must use in the application this IP address 192.168.1.255.

In Ad-Hoc mode, you must configure the smart-phone or the tablet with the right IP address : IP Address : 192.168.0.XXX, with XXX between 2 and 255 (except 111).

Subnet mask: 255.255.255.0.

Default gateway : 192.168.0.1 (optional).

When started, the application search the interface via IP address 192.168.0.255 (broadcast). You can also directly set the interface's IP address (192.168.0.111 by default).



Warning: An overloaded environment with WIFI and wireless wave from multiple devices can disturb the proper functioning, the connection and the communication of the interface.