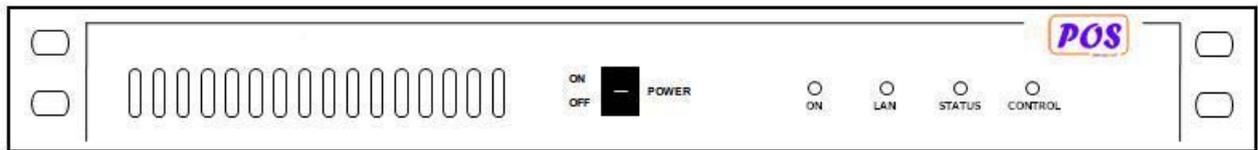


## POS-1L+



## *User Manual*

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## 1. General Description

The POS-1L+ is devices designed for broadcasting parameter and control FM transmitter system via Local Area Network or Internet

This device has LAN 10/100 Mbits/Sec. when connect it in your network. You can monitor parameter of FM transmitter system and control it in real time such change power transmission, off power, etc. on anywhere if your can connected on your network

## 2. Installation and use Description

This chapter contains the necessary information for installing and using the machine. In the event any aspects are not completely clear, for example when using the machine for the first time, we recommend you carefully read the entire description contained in this manual.

### 2.1 Preparation

Unpack the POS-1L+ and before doing any other operation, be sure it has not been damaged during transport. In particular check that all the connectors are in perfect condition.

The main fuse can be accessed from the outside on the rear panel. Extract the fuse carrier with a screwdriver to check its integrity or for replacement, if necessary. The fuse to be used is this type 30A @220VAC

Check that the POS-1L+ switches are in the "OFF" position. The POS-1L+ has one switch for the mains power supply cable and completely interrupts the machine's mains power supply.

Connect the AC Output to Exciter and Amplifier.

Connect the RS-232 cable From Exciter to DATA IN 1.

Connect the RS-232 cable From Amplifier to DATA IN 2.

Connect the LAN cable.

Connect the AC Input cable.

### 2.2 Use

Check that the POS-1L+ switches are in the "OFF" position.

Check that the Exciter switches are in the "ON" position.

Check that the Amplifier switches are in the "ON" position.

## 2.3 Settings

POS-1L+ can be configuration via Internet Explorer. Before setup POS-1L+ please connect POS-1L+ and Computer on same Network. Power on POS-1L+

Open Internet Explorer and enter <http://> and follow with IP Address of POS-1L+ on address bar

- Enter Username and Password for access. Default Username: "admin" no password.
- After you can access on page will display as picture below

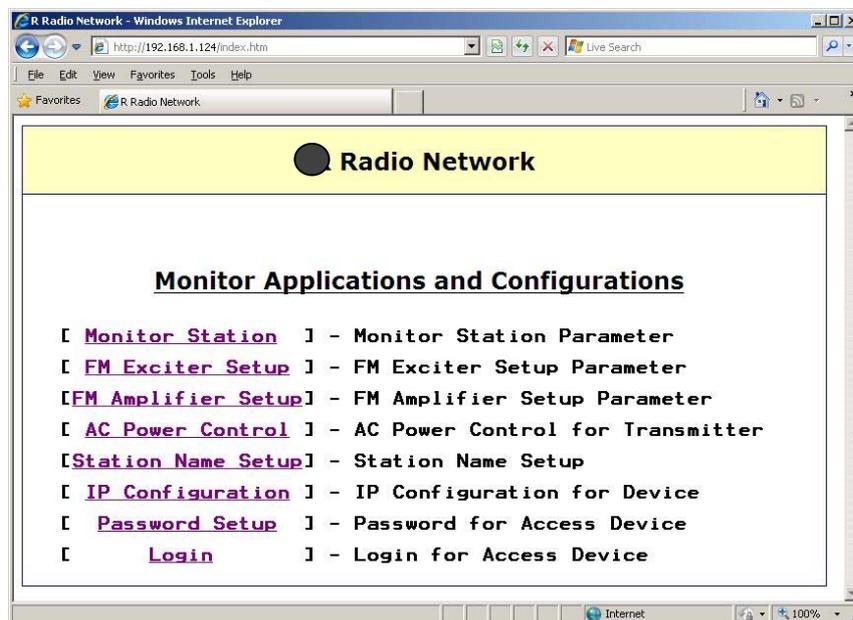


Figure 1 Main Page

- Click on [ Login ] link and enter username / password

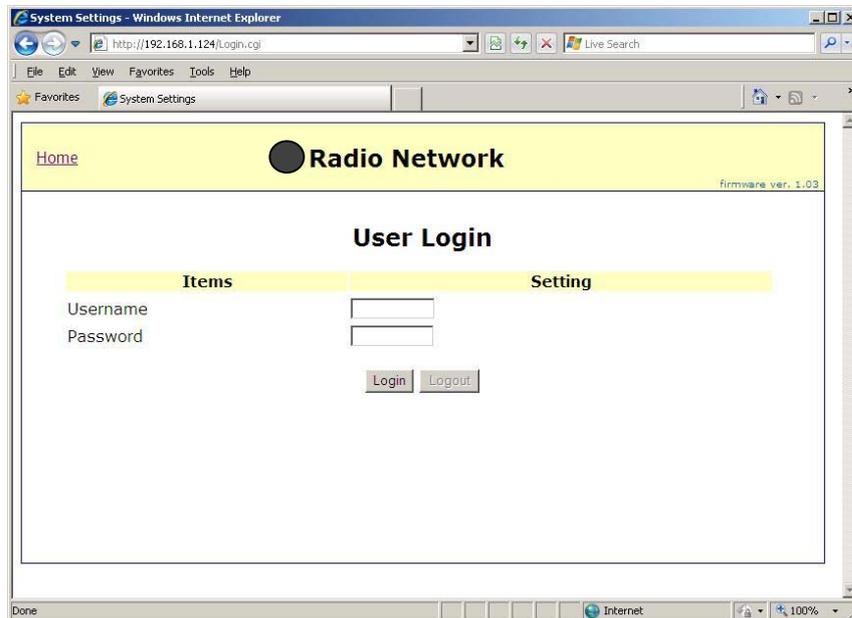


Figure 2 Login

- After enter, click on Login button if username / password are correct. Login button will go to disabled stage and Logout button will go to enabled as picture below.

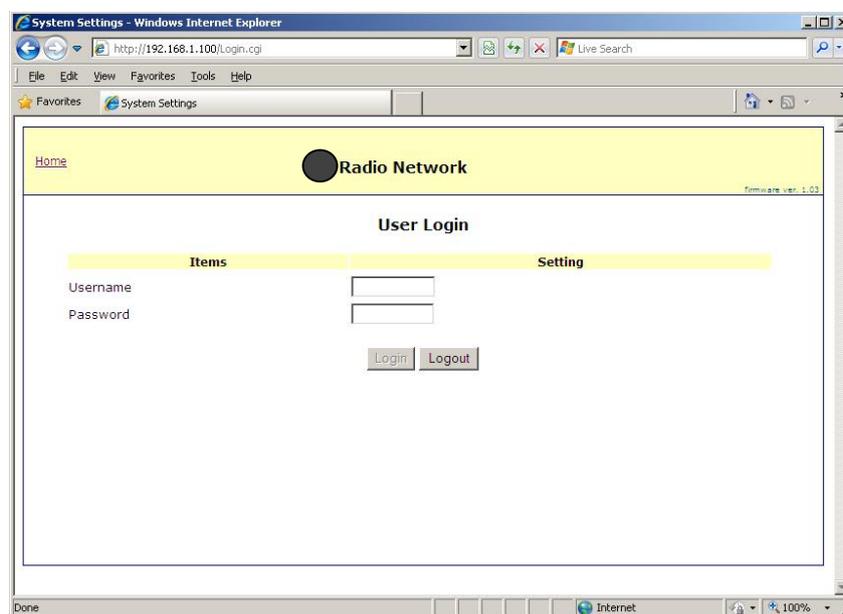


Figure 3 Login

- Click on main link for go to main page

- Click on [ IP Configuration ] link page will show as picture below

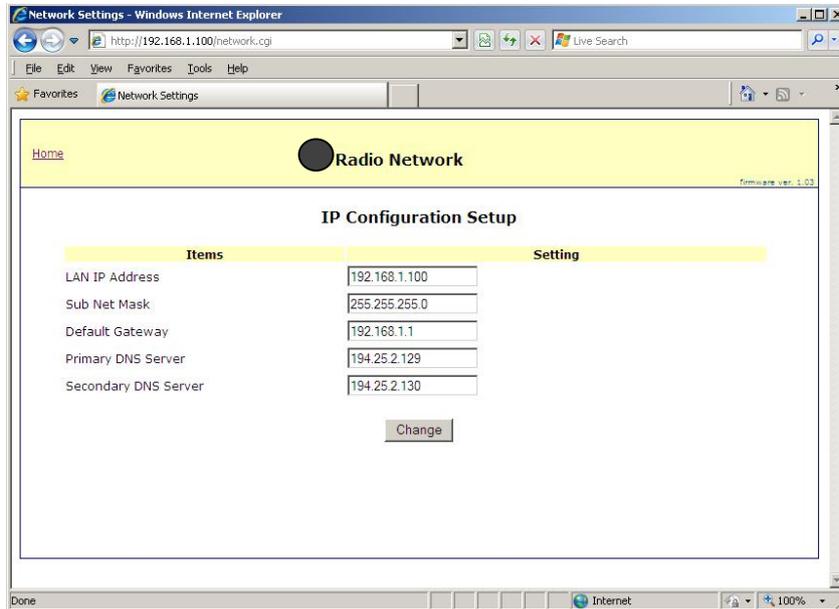
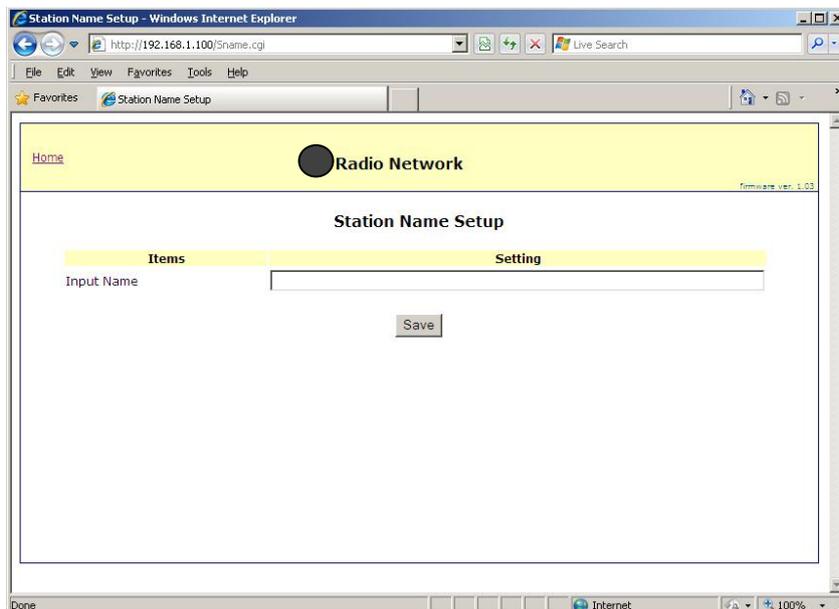


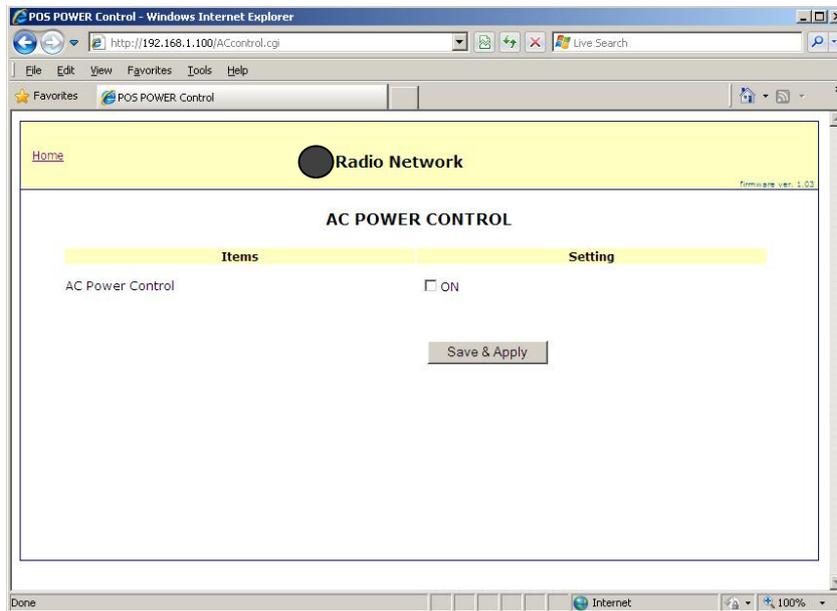
Figure 4 IP Configuration

- Enter IP address and network parameter, after complete click on Change button, devices will save parameter and reboot please wait about 30 seconds.
- Setup Station Name by click [ Station Name Setup ] on main page , page will show as picture below



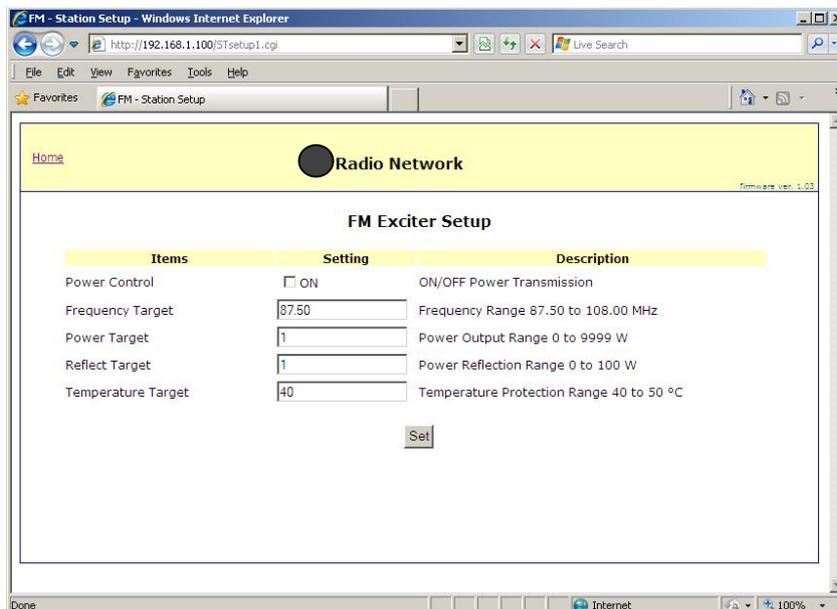
- Enter station name ( Max. 50 Character ) and click on Save button

- Click on main link for go to main page and click [ AC Power Control ]



**Figure 5 AC Power Control**

- Click on Check box and click on Save & Apply for turn on AC power of Exciter and Amplifier
- Click on main link for go to main page and click [ FM Exciter Setup ]



**Figure 6 FM Exciter Setup**

- Enter parameter for Exciter and click on Set button, POS-1L+ will send setup parameter to Exciter and user can see result on [ Monitor Station ] Page

- Click on main link for go to main page and click [ FM Amplifier Setup ]

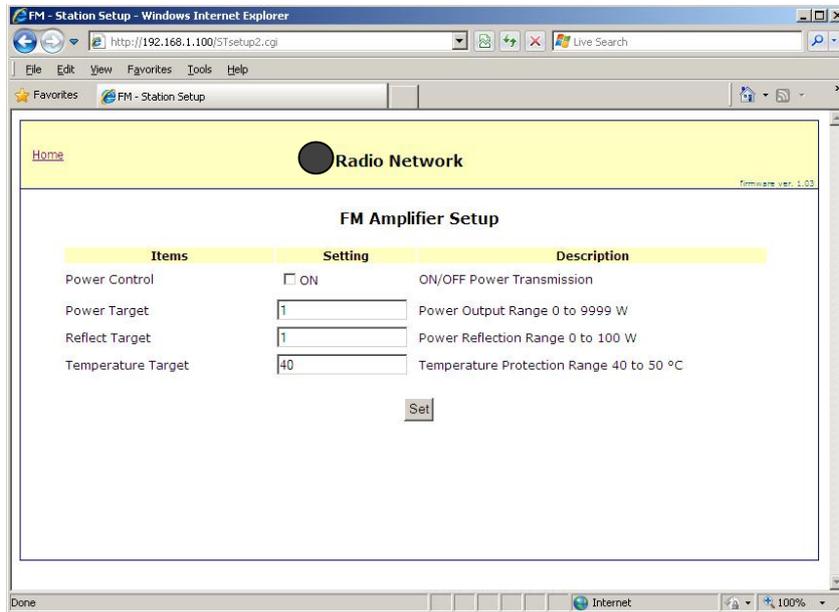


Figure 7 FM Amplifier Setup

- Enter parameter for Amplifier and click on Set button, POS-1L+ will send setup parameter to Amplifier and user can see result on [ Monitor Station ] Page
- For monitor parameter of exciter and amplifier on line click [ Monitor Station ] on main page

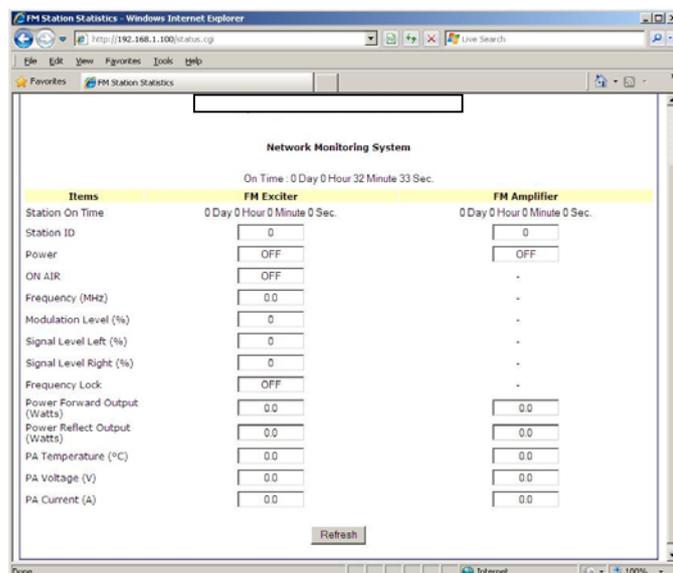


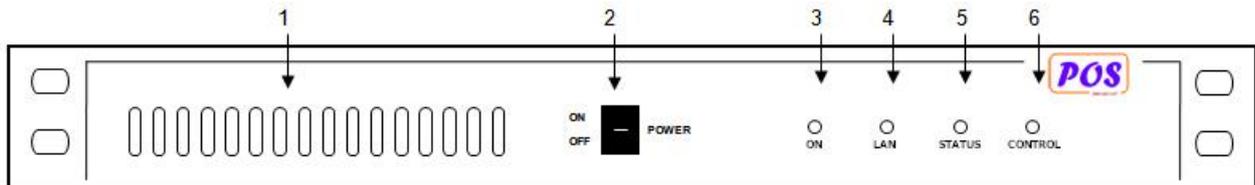
Figure 8 Monitor Status

\*Parameter will automatic refresh every 10 seconds but if you want to manual refresh click on Refresh button

### 3. External Description

This chapter reports the elements of the front and rear panels of the POS-1L+ with a brief description of each of them.

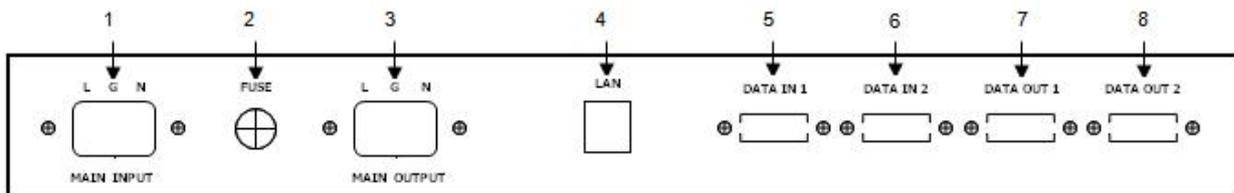
#### 3.1 Front Panel



- [1] AIR FLOW
- [2] POWER
- [3] ON
- [4] LAN
- [5] STATUS
- [6] CONTROL

Grid for the intake of the air flow of the forced ventilation  
 ON/OFF switch.  
 Green LED, light when the POS-1L+ is working.  
 Green LED, light when the send or receive data via LAN.  
 Green LED, light when the receive data from Exciter or Amplifier.  
 Green LED, light when Exciter and Amplifier power on.

#### 3.2 Rear Panel



- [1] MAIN INPUT
- [2] FUSE
- [3] MAIN OUTPUT
- [4] LAN
- [5] DATA IN 1
- [6] DATA IN 2
- [7] DATA OUT 1
- [8] DATA OUT 2

Mains supply terminal, 180 - 240V 50-60 Hz.  
 Fuse holder. Use a screwdriver to access the fuse Contains the general protection fuse rated 30 A.  
 Output supply terminal for supply to Exciter and Amplifier.  
 RJ-45 LAN connector use for monitor and control.  
 RS-232, DB-9, for connect with Exciter.  
 RS-232, DB-9, for connect with Amplifier.  
 RS-232, DB-9, for Maintenance.  
 RS-232, DB-9, reserve.



## **4. Technical Specifications**

### **4.1 Physical specifications**

Panel size	483 mm (19") x 44 mm (1 3/4") (1U)
Depth	240 mm (9 1/2")
Weight	1.5 Kg
Working Temperature	0 °C - 50 °C

### **4.2 Electrical specifications**

A.C. power supply	≅ 180 V - 240 V 50 – 60 Hz
A.C. output current	Max. 30 A
LAN Connection	10/100 MBits/Sec.