

# WiFi remote connection

Powersoft X Series amplifier platforms provide a local WiFi network that allow the user to monitor the unit and make basic settings.

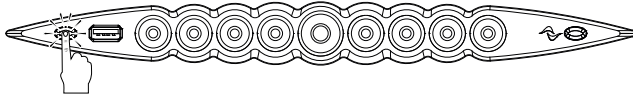
No dedicated application is needed for monitoring Powersoft X Series amplifier platform other than a supported web browser;

- ▶ Safari on iOS based devices;
- ▶ Chrome on Android and Windows based devices.

Follow this procedure to activate the WiFi connection and remotely access your Powersoft X Series amplifier platform.

1. Switch on the amplifier platform by holding down the central button on the front panel;
2. Press the leftmost button in the front panel: the button will light up and the system will establish a new local WiFi network whose SSID is in the form:

**Powersoft-MODELNAME-SERIAL** (e.g. Powersoft-X8-70133)



3. Access your mobile device and edit the WiFi configuration;
4. Hang the WiFi network with the right SSID;
5. Insert the following WiFi encryption password: **0123456789**



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6. Open the web browser and type the following IP address in the address bar:

**192.168.0.1**



7. The system will push the user interface to the browser: now you can start managing your X Series amplifier platform.



8. For simple recall and operation with the interface, we suggest to bookmark it: in iOS devices, when the interface has been completely loaded, click on the share icon and select "Add to Home Screen".



## X Series | Reference

### AC mains supply



The intended use of X Series amplifiers is in a rack only. The AC mains wirings of the units must be connected to a terminal box provided with a properly breaker. The proper device to use depends on mains configuration; for X8 Powersoft suggests:

- ▶ single-phase AC (P+N+E): 32 A rating, C or D curve, 10 kA;
- ▶ three-phase AC (3P+N+E): 4 x 16 A rating, C or D curve, 10 kA.

For X4 Powersoft suggests:



- ▶ single-phase AC (P+N+E): 16 A rating, C or D curve, 10 kA;
- ▶ three-phase AC (3P+N+E): 4 x 10 A rating, C or D curve, 10 kA.

It is not allowed to connect the X Series AC mains connection directly to the power distribution system. Recommended wires section is 2,5 mm<sup>2</sup>/13 AWG. For North America market we recommend to use an approved UL/CSA cable (i.e. ST 600Vac 105°C 5x13AWG)

AC mains connection is provided by means of the euroblock Phoenix PC 5/5-STF1-7,62 connector and flying plug (Phoenix product ID 1777862). Proper assembly of the AC mains conductors to the flying plug must respect the power line configuration; once properly wired, insert and lock the flying connector into the shell provided by Powersoft.

Before connecting this amplifier to the AC mains:

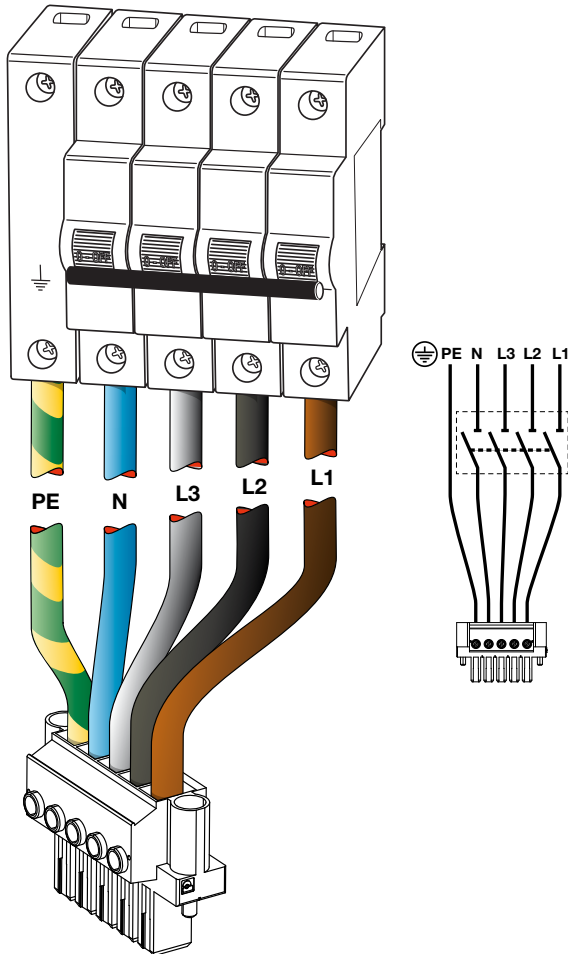
- ▶ verify that your mains connection is capable of satisfying the power ratings of the device;
- ▶ verify that a ground connection is available;
- ▶ verify that a proper sectioning breaker is available;
- ▶ connect all the five conductors to the flying plug as shown in the pictures.

 **AC mains connections must be performed only by professional or qualified personnel according to local electrical authority guidelines** 

 **This device must be powered exclusively by earth connected mains sockets in electrical networks compliant to the IEC 364 or similar rules.** 

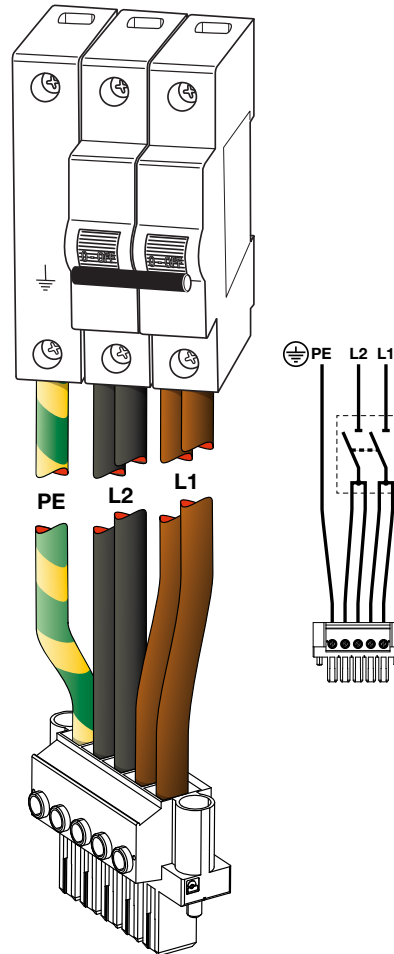
## Three-phase electric power

- ▶ Five conductors: 3P+N+E
- ▶ Wye and Delta connections supported.
- ▶ Each single conductor must be secured to the PC 5/5-STF1-7,62 flying plug as shown in the figure below.



## Bi-phase electric power

- ▶ Three conductors: 2P+E (neutral connection is not even necessary).
- ▶ Bridge the phase conductors at the connecting terminals of the mains' sectioning breaker
- ▶ Conductors must be secured to the PC 5/5-STF1-7,62 flying plug as shown in the figure below.



## Single-phase electric power

- ▶ Three conductors P+N+E (unbalanced single phase)
- ▶ Bridge the phase conductors at the connecting terminals of the mains' sectioning breaker
- ▶ Conductors must be secured to the PC 5/5-STF1-7,62 flying plug as shown in the figure below.

