

# Wi-Fi Remote Connection

Powersoft X Series amplifier platforms provide a local WiFi network that allows the user to monitor the unit and edit settings.

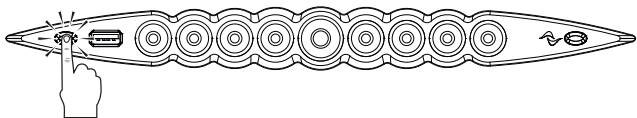
No dedicated application is needed for monitoring the X Series amplifier platform other than a supported web browser:

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

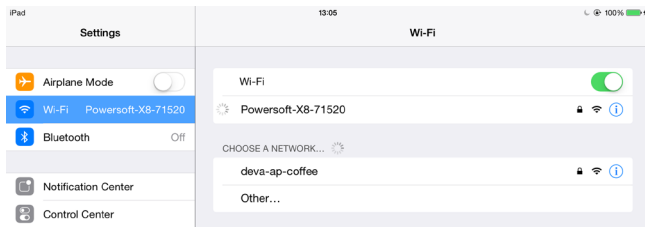
Follow this procedure to activate the Wi-Fi connection and remotely access your Powersoft X Series amplifier platform.

1. Switch on the amplifier 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 Wi-Fi network whose SSID is in the form:

**Powersoft-MODELNAME-SERIAL** (e.g. Powersoft-X8-71520)



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



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



Refer to the quick guide for safety and proper installation instructions



Different power distribution options are listed in Appendix A



The X Series delivers its rated repetitive burst power with single phase from 100 – 240 V, as well as 3-phase from 100 – 240 V. This also means that it will work well when connected between 2 phases for low voltage areas with 100 - 127 V mains.

Maximum average output power is achieved with 3 phase for sites with 100 – 127 mains and single phase for sites with higher mains voltage.

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 and X4L Powersoft Suggest:

- ▶ 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 Suggest:

- ▶ 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. The recommended wire section to use 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 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 provide by Powersoft.

Before connecting the 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 conductors to the plug

**POWERSOFT S.P.A.**  
 Via E. Conti, 5 - Scandicci (FI) 50018 - Italy  
 support@powersoft.com  
 +39 055 73 50 230  
 +39 055 73 56 235





AC mains connections must be performed only by professional or qualified personnel according to local electrical authorities' guidelines.

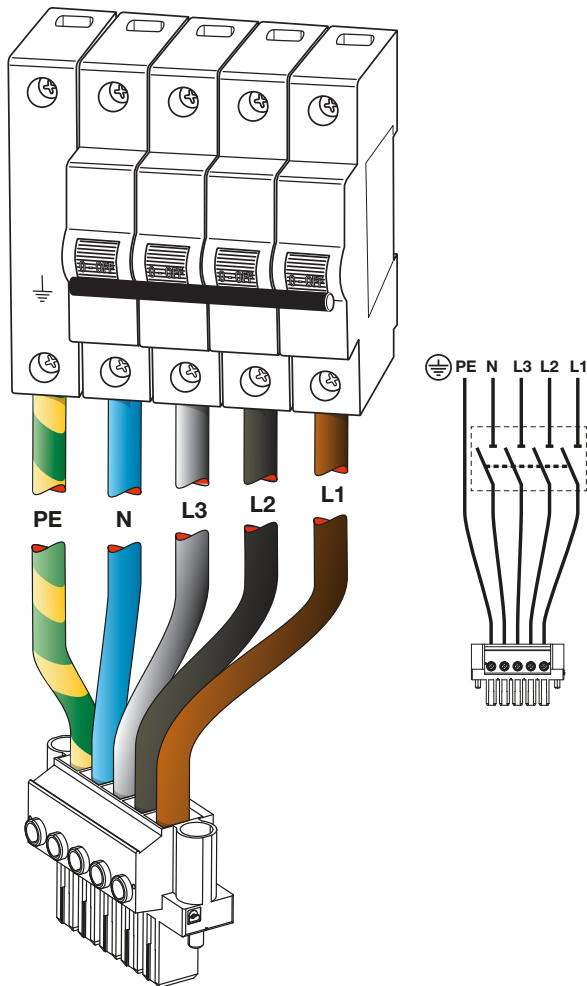


This device must be powered exclusively by earth connected mains sockets in electrical networks compliant to the IEC 364 or similar rules.



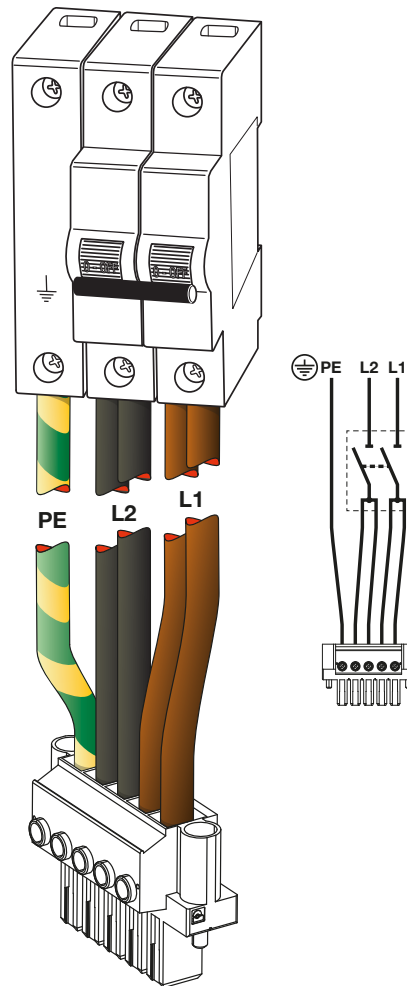
## Three-Phase electric power

- ▶ 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
- ▶ **Please note that overvoltages may trigger the built-in protections, causing the reset of the amplifier platform. If the network is prone to power surges, we suggest to connect it to a bi-phase or a single-phase outlet.**



## Bi-Phase electric power

- ▶ Three conductors: 2P+E (neutral connection is not 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



## 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

