After the whole equipment network is connected to the respective AKO converter and this is also connected to the AKO-5005, connect the power adaptor to the equipment and then to the electricity mains. The AKO-5005 will turn on automatically, as it is configured so that in the event of a power failure due to an interruption in supply or a fall in voltage, when the equipment is recovered, it will be fully operative without having to be turned on manually. From now on, the AKO-5004 software can be loaded and the whole system can be controlled remotely through any computer that is connected up to the same network as the AKO-5005 or from any computer with Internet access. If the local network is not connected with the exterior, the equipment network can only be managed from a computer that is connected to that local network. If on the contrary, the local network has access to the exterior, the equipment network can be managed from any computer with Internet access.

For any queries on the operation of the AKO-5004 software, please consult the instructions booklet.

5- Specifications

Environmental specifications:

- Operating temperature: from 0 °C to 50 °C
- Storage temperature: from -30 °C to 70 °C

Electrical and electronic specifications:

- Power supply: 100-240 V~ ±10%
- Rated power: 68 w

1- Packing contents

The following elements will be found inside the supplied package: this manual, a power supply adapter, a support to hold the equipment vertically, a cable of type Ethernet and the actual equipment itself.

2- Scope of usage

This equipment contains the complete AKO-5004 software, which allows the monitoring and tracking of all AKO equipment that it is connected to it via the corresponding AKO-80039 (RS485 to USB) converter.

Warning: The use of converters other than that described may lead to equipment malfunctions and even irreparable damage! AKO shall not be held responsible for any damage caused by connection to a converter other than that described.

3- Equipment installation, connection and switching-on

The unit can be positioned horizontally and vertically using the supplied support.

One the location for the unit is decided, it should be connected to the mains supply using the supplied power supply adapter.

Warning: Only the supplied power supply adapter should be used. The use of any other adapter may cause the equipment malfunction and even lead to a short circuit. AKO shall not be held responsible for any damage caused by using a power supply adapter other than the one supplied.
As you will see, in the Network Configuration section the boxes IP, Mask, DNS and Gateway appear, which enable you to make the necessary changes for adapting the configuration to your local network.

After doing this, click on **Apply**.

The following screen will appear:

As you will see, in the Network Configuration section the boxes IP, Mask, DNS and Gateway appear, which enable you to make the necessary changes for adapting the configuration to your local network.

After doing this, click on **Apply**.

The following screen will appear:

Click on "here" to load the Login and Password screen again in order to re-enter the application.

Your **AKO-5005** is now configured and ready to operate.
For this change in language to take effect, leave the application. To do this, click on the icon , on the bottom of the screen.

The presentation screen will then reappear with the Login and Password. Enter again and the application is now configured in the desired language.

CHANGING THE IP ADDRESS OF THE PC WEB SERVER

As explained above, the AKO-5005 is custom-made with the IP address 192.168.1.250. Below are the steps to be followed for changing this IP address, if necessary.

In the first screen of the application, click on Administration, and then on System and lastly on Connection:

Click with the mouse and the following screen will appear:

Position the cursor again on the icon “Local area connection” and click on the right button of the mouse, select Properties and the following screen will appear:
Now click on superuser which is the login defined by default:

As you can see, the language selected is Spanish. Click on the drop down menu and select the desired language. Then click on Apply.

Select the option “TCP/IP Internet Protocol” and then “Properties”. The following screen will appear:

In this example the option selected by default is “Obtain an IP address automatically” which is the usual option when connected to a local network. In all cases select the option “Use the following IP address”. The fields “IP Address”, “Network Mask” and “Pre-determined link port” will then be enabled. You should only fill in the IP address and sub-network mask.

For the case of connection with the AKO-5005 WebServer put an IP address that is within the same range. The AKO-5005 has the origin 192.168.1.250. As shown in the following screen, you can put 192.168.1.40 for instance, and then as the sub-network mask, 255.255.255.0.

Then click on “Accept” and you will now have the new IP address configured.

After configuring the IP address of the PC to be connected to the PC Web Server and when both are within the same addresses range, connect both pieces of equipment with the Ethernet cable supplied and turn the equipment on.
From the PC open an Internet Explorer (or Mozilla Firefox) navigator and key in the IP address of the Web Server: 192.168.1.250. If everything has been properly configured, the presentation screen for the equipment will appear, asking us to insert a Login and Password.

If this is not the case and the following screen appears:

Perhaps the IP of the PC from which you want to connect up to the PC Web Server is not configured properly. Please review all the steps in the section CHANGING THE IP ADDRESS OF YOUR PC and check that the IP is within the same range. If after doing this, you are still unable to connect, then you should verify that the Proxy is disabled, as sometimes this interferes with local network connections if no router is connected.

To disable the Proxy follow the steps given below.
If the Proxy is enabled, the following screen will appear:

In the section "Proxy Server" click on the square to disenable it:

Then press "Accept" to complete the process.

Now open the navigator again in the PC and key in the IP address of the Web Server: 192.168.1.250.

A window will appear presenting the application, and asking you to insert a Login and Password. Key in superuser in Login and Password and then click on Submit.

Click on the button "Lan configuration".