PLATAN Libra

PBX SERVER

STD - wall mountable

QUICK START

ver. 1.01.02

Libra PBX Server, Libra STD PBX Server
as well as PLATAN LibraWeb®
are products manufactured by:
PLATAN Sp. z o.o. sp.k., 81-855 Sopot, ul. Platanowa 2, Poland
tel. +48 58 555 88 00, fax +48 58 555 88 01
e-mail: platan@platan.pl, www.platan.eu
technical support and maintenance: support@platan.pl

Sopot, December 17th, 2015

The Libra STD PBX Server package includes:

- Libra STD PBX Server
- Ethernet RJ-45 patchcord (simple)
- Libra STD Quick start manual
- Warranty card
- Confirmation of acquired licences

User manual for Libra & Proxima PBX Servers is available in *Files* tab on
http://www.platan.eu/offer/ip-pbx-telephone-systems/libra.html

Default Libra PBX Server address: 192.168.1.250

NOTE. Due to safety reasons, it is recommended to connect Libra STD PBX Server behind a router.

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PLATAN

ISO 9001:2008

Declaration of Conformity no. 2/2013 CE

Manufacturer: Platan Sp. z o.o. sp.k.
ul. Platanowa 2
81-855 Sopot, Poland

Product: **Libra** PBX Server with dedicated proprietary phones and consoles

We hereby declare that the product identified above is in conformity with the essential requirements of the directive 1999/5/EC (RTTE) on radio equipment and telecommunications terminal equipment.

The product has been tested against the following standards:

EN 60950-1:2006 / AC:2011
Information Technology Equipment – Safety – Essential requirements

EN 55022:2010 / AC:2011
Electromagnetic compatibility (EMC) – Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement

EN 55024:2010
Electromagnetic compatibility (EMC) – Information technology equipment – Immunity – Limits and methods of measurement

EN 61000-3-2:2006 + A1:2009 + A2:2009
Electromagnetic compatibility (EMC) – Limits – Limits for harmonic current emissions (equipment input current ≤ 16A per phase)

EN 61000-3-3:2008
Electromagnetic compatibility (EMC) – Generic standards – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection

EN 61000-6-1:2007
Electromagnetic compatibility (EMC) – Generic standards - Immunity for residential, commercial and light-industrial environments

EN 61000-6-3:2007 + A1:2011
Electromagnetic compatibility (EMC) – Generic standards – Emission standard for residential, commercial and light-industrial environments.

This equipment satisfies the requirements regarding the disturbance limits for class A equipment, for which the following warning applies: "This equipment is a class A product. It may cause radio interference in residential environments. Should such circumstances occur, the user will be required to take adequate corrective measures."

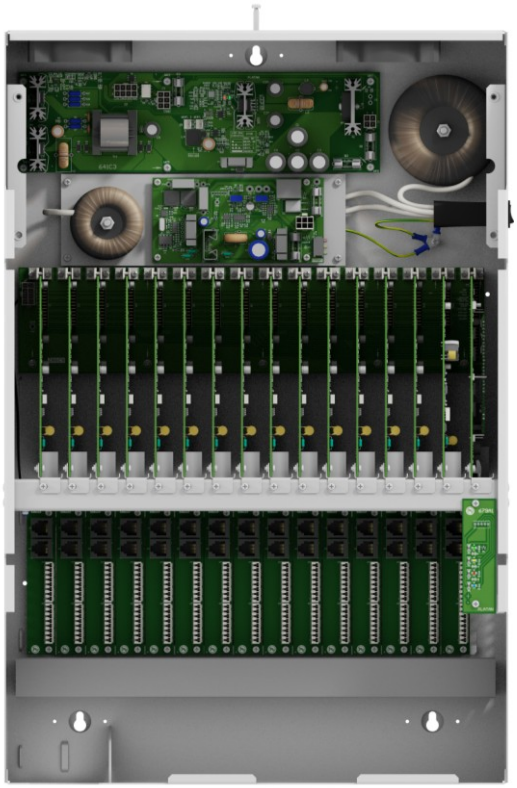
President of the Board
Wiesław Rybnik

Sopot, July 01, 2013

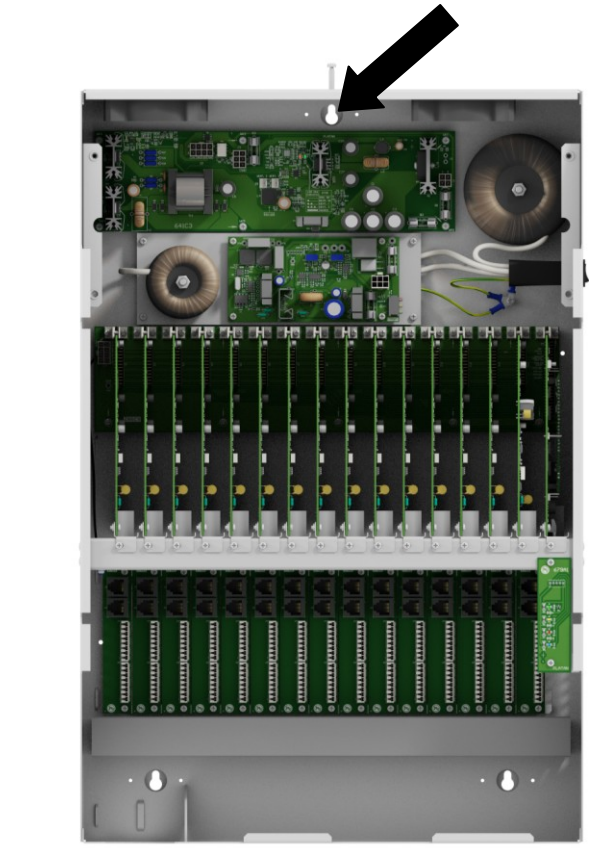
1. Libra STD PBX Server installation on the wall

1. Unscrew the screw fastening the case cover:

2. Remove the case cover by lifting it up.



3. Remove the power supply unit cover, then put the Libra STD to the wall and mark the point for the first hole:



4. Screw the server and mark two bottom holes. Drill the points marked on the wall and fasten the server also with the bottom two screws.

5. Mount the cover:

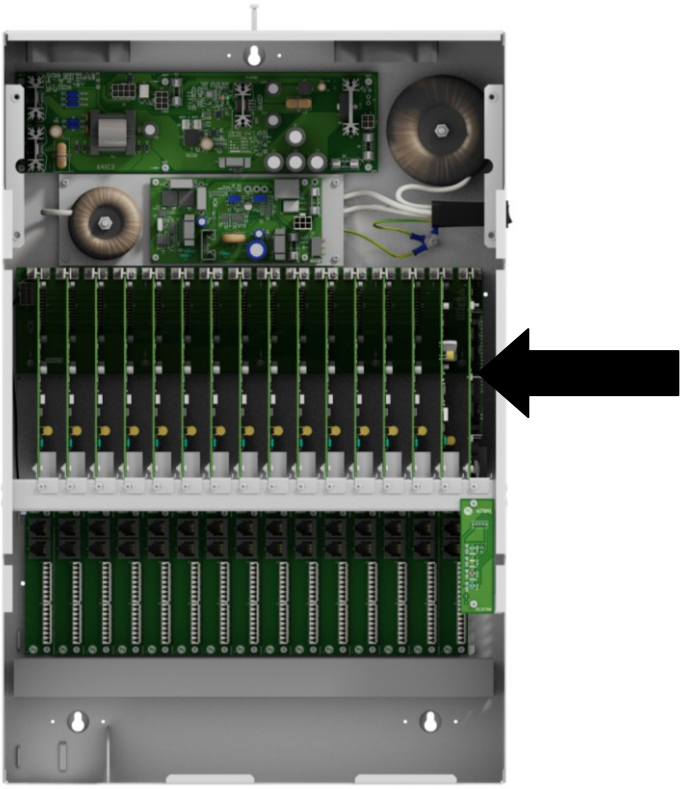
If there is a backup power supply:

6. Mount the batteries on the shelf and connect the feeder cables to them (red to “+”, blue to “-”):

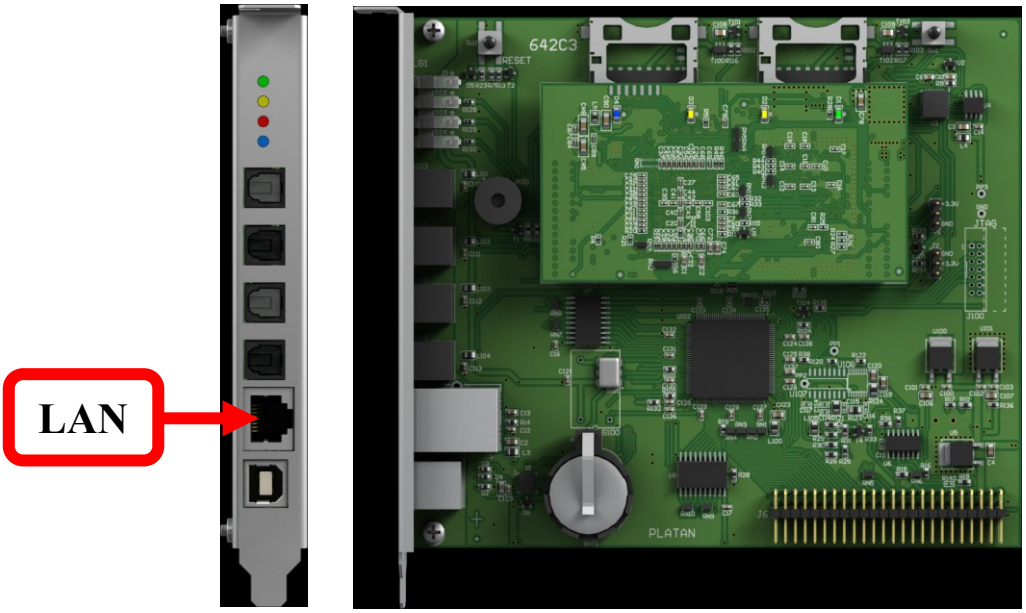
2. Server connection to Ethernet (LAN)

The LIBRA STD PBX Server is configured via Ethernet using a PC and an Internet browser. In order to connect the server to LAN, standard computer network wiring, preferably UTP or FTP, should be used.

In Libra STD the processor card is mounted in the first slot from the right:



The place of connecting the network cable on the Libra server processor card is shown in the figure below:



After the server has been properly connected to LAN, a blue LED will light up on the front panel.

Driver card signalisation:

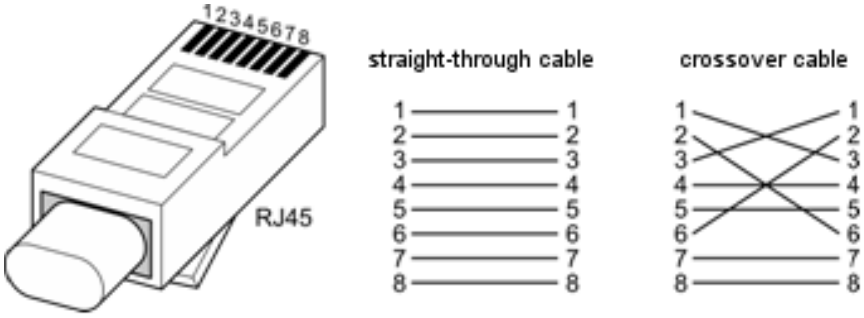
- POWER (green LED*)* – signals that the processor is supplied:
  - emits continuous light – the processor is supplied
  - emits no light – the processor is not supplied

- RUN (yellow LED*)* – signals the LIBRA-PROC driver status
  - flashes 1.0 s/1.0 s – proper operation of the driver processor
  - flashes 0.1 s/0.1 s – one of the trunk or extension equipment is active
  - emits continuous light – driver processor is not working
  - emits no light – driver processor is not working

- BATTERY (red LED) – signals that the Libra server is supplied in the emergency mode
  - emits continuous light – Libra server emergency supply, no 230 V mains supply
  - emits no light – 230 V mains supply

- ETHERNET (blue LED) – signals the presence of the LAN (ETHERNET) interface physical layer
  - emits continuous light – connection to LAN
  - emits no light – no connection to LAN

If LAN is unavailable, it is possible to connect the server to the PC network card. If the PC has the function of automatic cross-linking detection, a straight-through network cable supplied with the server can be used. Otherwise, a crossover network cable must be used:



3. IP address settings

Libra PBX Server default IP address: **192.168.1.250**.

3.1. Setting up the server IP address from the telephone

In order to set up the server IP address from the telephone, the telephone must be first connected. Next, enter the **mode of server programming from the telephone *708 "code"** (default code: 12345678), set the IP address and the subnet mask using the following codes

41 "IP address" # – setting up the IP address, e.g. **41 192*168*1*195#** (the server will restart after programming)

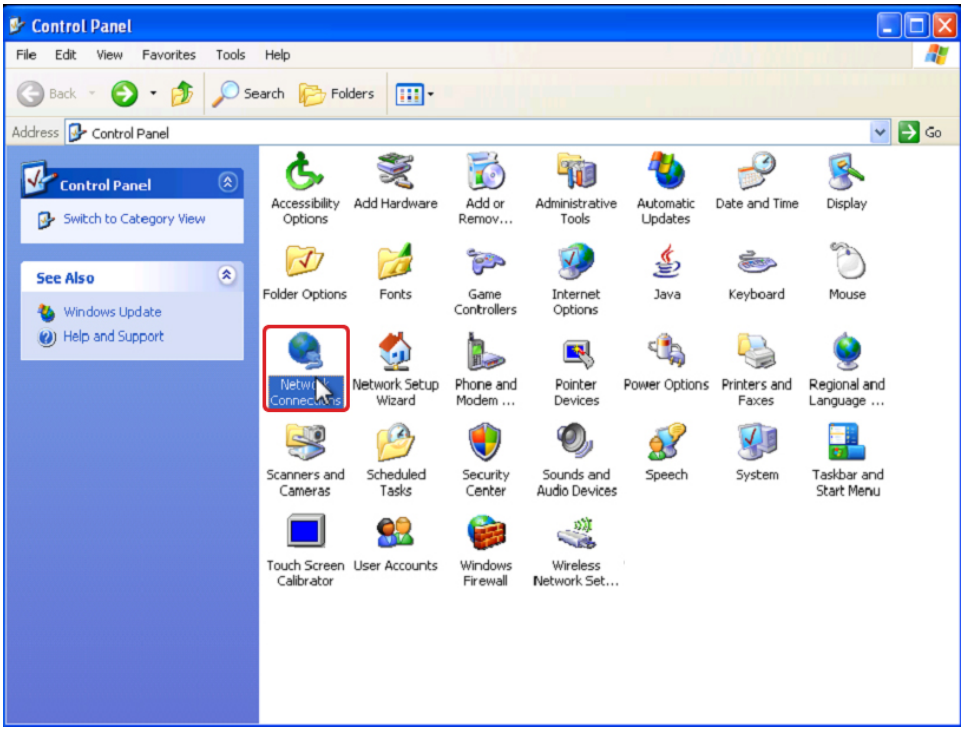
42 "subnet mask" # – setting up the subnet mask, e.g. **42 255*255*255*0#** (the server will restart after programming)

NOTE
After entering the IP address from the telephone, the server sets the default port to 80.

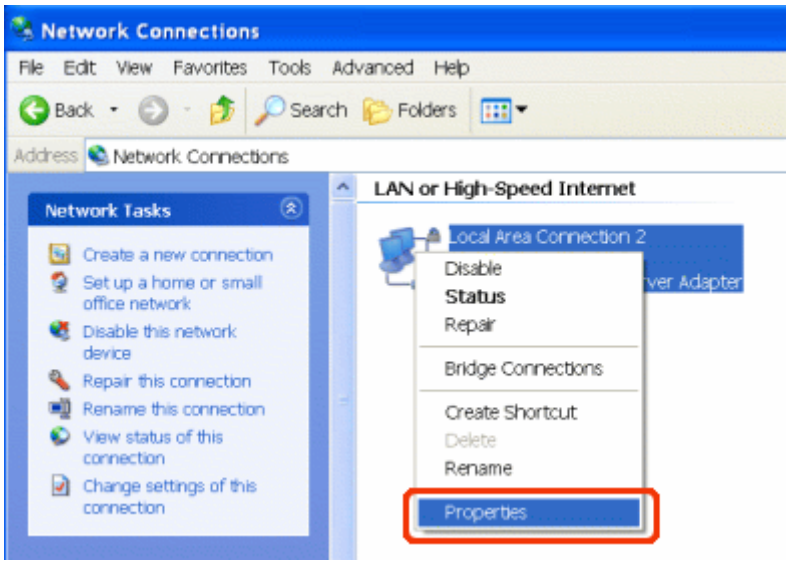
3.2. Setting up the IP address in the PC directly connected to Libra PBX Server

3.2.1. WINDOWS XP

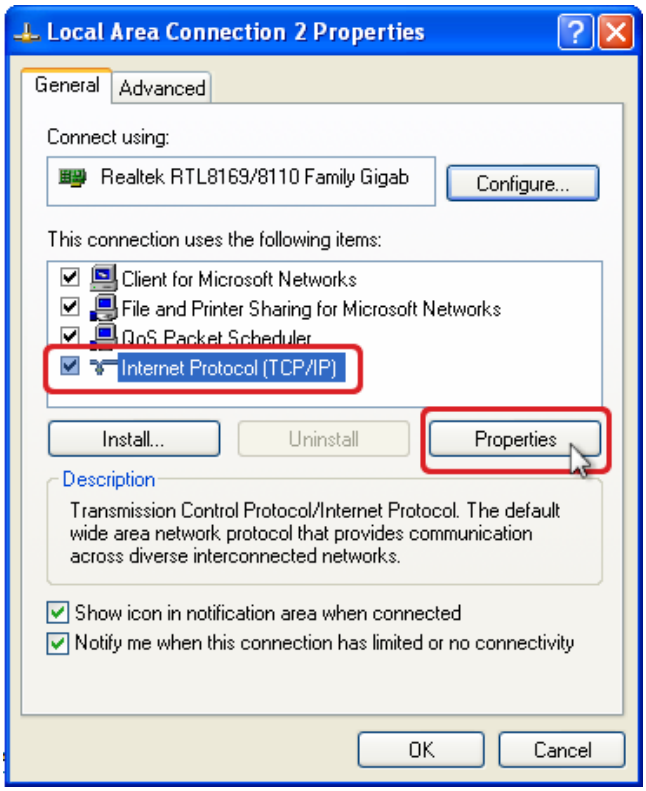
In order to change the IP address, a proper item must be found in the Windows Control Panel:



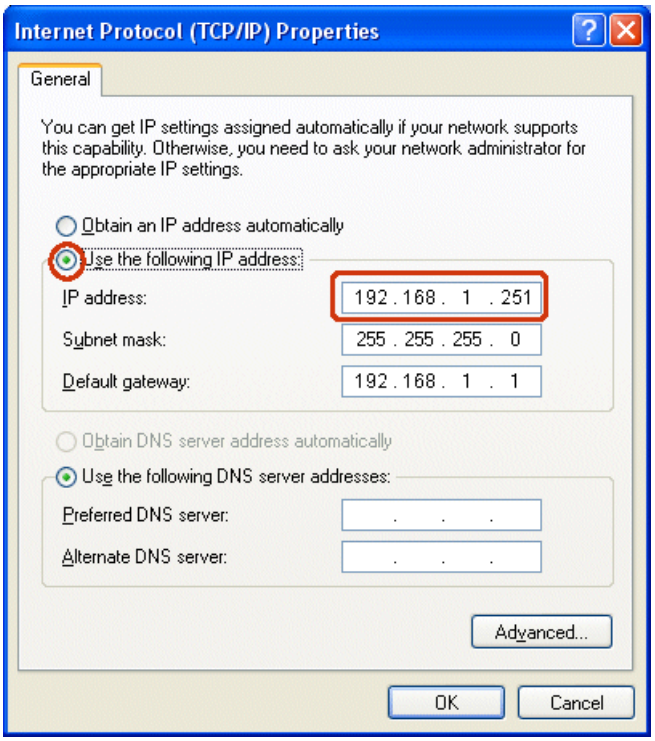
A dialogue box with *Network Connections* will be displayed. If the PC is equipped with one network card only, only one icon should be available. To access the network connection *Properties*, right-click the icon and select the right option from the drop-down menu:



When a dialogue box is displayed, click *Internet Protocol (TCP/IP)* and click *Properties* again:

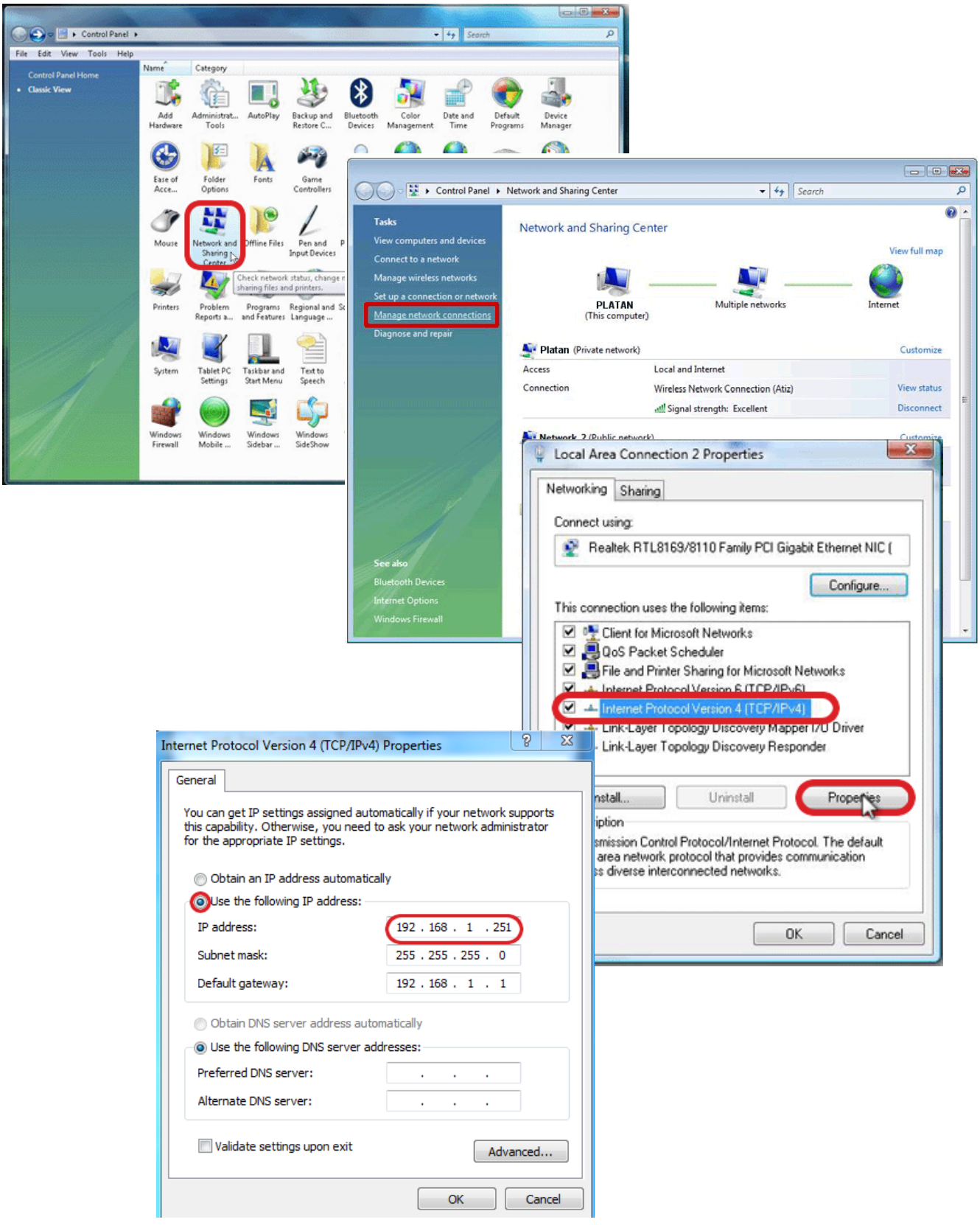


Now you can edit the IP address. Make sure that the *Use the following IP address* option is selected. Enter the IP address in the field marked below:



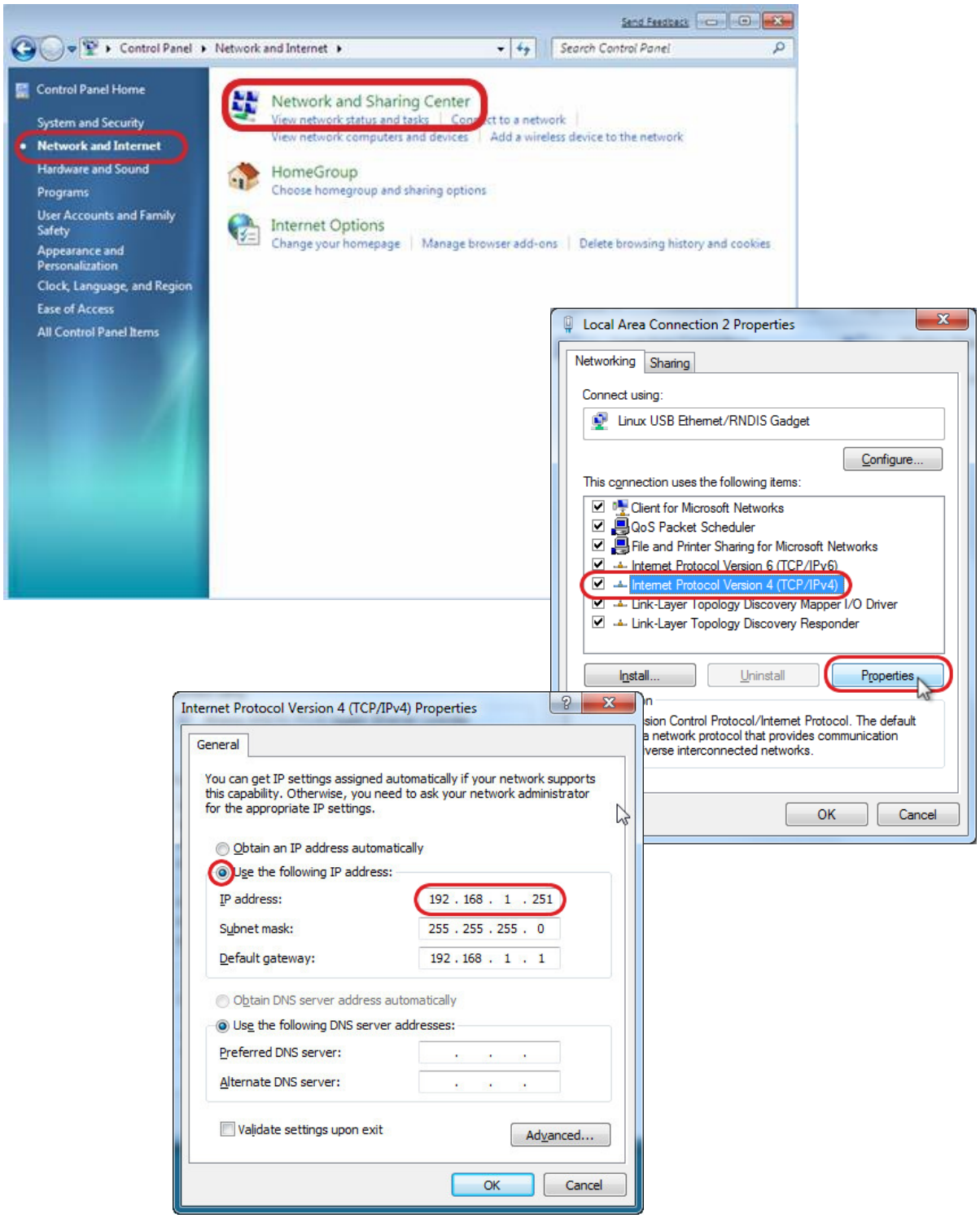
3.2.2. WINDOWS VISTA

Select *Network and Sharing Center* from the Control Panel and then select the network from the *Manage network connections* option. Select the *Internet Protocol Version 4 (TCP/IP v.4)* from the network properties and enter the network parameters after clicking *Properties*.



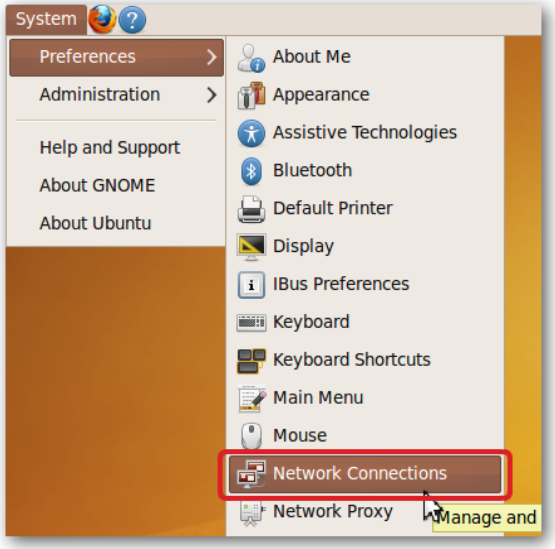
3.2.3. WINDOWS 7

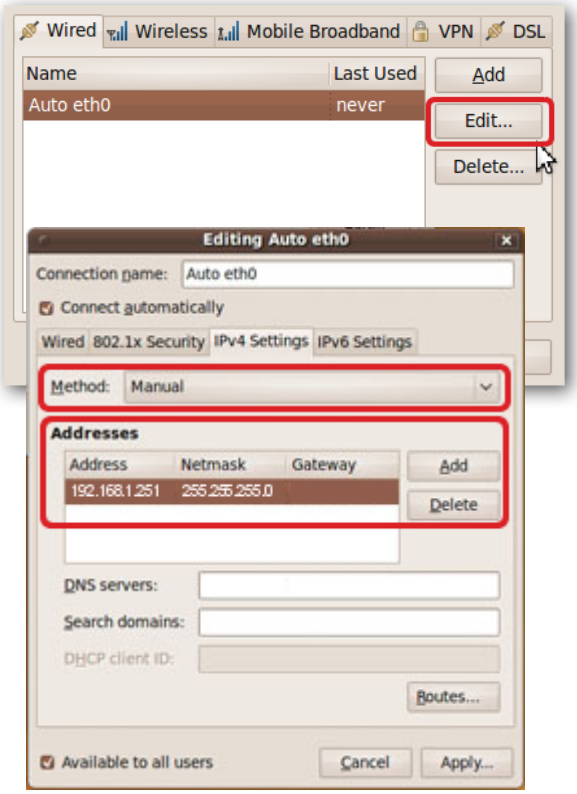
Select *Network and Internet* from the Control Panel and then select the right network from *Network connections*. Select the *Internet Protocol Version 4 (TCP/IP v.4)* from the network properties and enter the network parameters after clicking *Properties*.



3.2.4. LINUX Ubuntu

Go to *System* → *Preferences* → *Network Connections*, select the *IPv4 Settings* tab, change Method to *Manual* and enter the right network parameters.





The IP address must belong to the same subnet as the Libra server and must be different from it, e.g.: IP address – 192.168.1.251, subnet mask – 255.255.255.0

3.3. Libra PBX address is not compatible with LAN architecture

If the default Libra server address (192.168.1.250) is incompatible with the architecture of the LAN to which the server has been connected, the server IP address should be changed:

- from the telephone (section 3.1) or
- the server should be connected directly to the PC (PC IP address should also be changed – see section 3.2.) and the server IP address should be changed via *LibraWeb* program to a compatible one.

Should you encounter any problems, contact your computer network administrator.

4. Logging into the Libra PBX Server

To manage the Libra PBX Server, the Java environment has to be installed on the computer. The latest Java version you can download from www.java.com website.

The server can be configured after the 192.168.1.250/admin/ address has been entered in the browser address bar.

After the IP address has been confirmed, a LibraWeb application will be downloaded from the Libra PBX Server. On activation it will require a password to be entered (default installer password: 44444444).

The server configuration settings can be changed in the program dialogue boxes. However, the server will apply the introduced changes only after if has received the modified configuration.

After the configuration has been downloaded from the server or the *New configuration* option has been selected, the server is ready to be configured.