

The JA-60WEB Communicator

Installation manual

The JA-60WEB communicator is designed for JA-63 and JA-65 alarm control panels. The dialer is used for communication with a central monitoring station via an Ethernet network / the internet. This installation manual is intended for JA-60WEB version **HO61303**

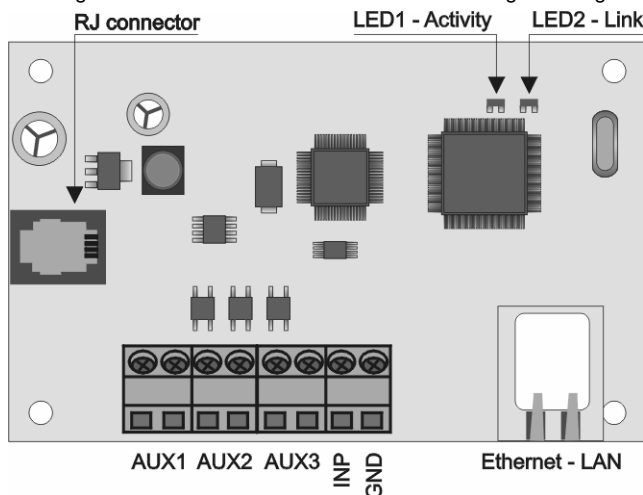
The WEB module, when installed in the alarm control panel, enables:

- Data transfer in CID-IP format to one or two Central Monitoring Stations (CMS),
- Programming of the communicator via the web,
- Remote control of appliances via a web page – 3 outputs and 1 input

1 Installation of the communicator

The JA-60WEB communicator can be installed in the telephone communicator position in a JA-63 or JA-65 control panel (either a LAN communicator or a telephone line communicator module can be used in a control panel – it is not possible to install both simultaneously).

- Disconnect the control panel power supply** (both AC and backup battery). If the control panel has been previously used before this installation, enter programming mode before disconnecting the power supply.
- Attach the dialer to the control panel case and connect it to the control panel main board using the RJ cable provided.
- Connect cables to the input (INP) and/or output (AUX) terminals, if you want to use them.
- Reconnect the control panel power supply** (backup battery and AC). The system will display a "P", (programming mode).
- When the communicator is powered up for the first time it is necessary to set the Ethernet network parameters using the control panel keypad (see Local network configuration)**
- Connect the Ethernet cable (10/100 Mbps). If the communicator is working properly, LED 2 is lit and LED1 flashes.
- Programming the communicator and the control panel is possible via web page (by accessing the communicator IP address). It is also possible to connect the communicator directly to the PC via a network cable with crossed connections (cross cable).
- Central monitoring station communication shall be set according to data given by the CMS.



2 Local network configuration

Within an Ethernet network (LAN, intranet, internet) every device is identified by an IP address (e.g. 192.168.250.20). The address can be either public or private (for example computers in a company network have public IP addresses and a home computer with a connection to the internet via a web provider has private IP address).

Before connecting the Ethernet cable the IP address must be set (manually or automatically) so as not to be in collision with other computers in the network.

2.1 Manual setting of the IP address

Using a system keypad set a suitable IP address as given by a network supervisor. DHCP (automatic assignment of IP addresses) must be disabled, see 3.1.

2.2 Automatically setting the IP address

Give your network supervisor the communicator's MAC address which can be found on the label on the bottom part of the communicator or on the package box. The supervisor will provide you with an automatically assigned IP address. DHCP must be enabled (see 3.1.).

3 Communicator configuration

Communicator configuration can be done via the system keypad (the control panel must be in programming mode). To exit programming mode, press the **N** key. The following settings should be done in consultation with the network provider / supervisor. Default settings and backup can also be made by Locator software, which can be found on www.jablotron.com.

3.1 Automatic assignment of IP address (DHCP)

Before attaching the communicator to the LAN network, it is necessary to determine the assignment of IP address. If DHCP is disabled it is necessary to set parameters according to sequences 3.2, 3.3 and 3.4.

940	DHCP - automatic assignment of IP address	disabled
941	DHCP - automatic assignment of IP address	enabled

Factory default: 941 – automatic assignment of IP address is enabled

3.2 IP address setting

If DHCP is disabled, set the IP address by sequence:

91 xxx xxx xxx xxx

where: xxx xxx xxx xxx is the IP address

NOTE: if some of digits are not used in the IP address, they must be substituted by zeros (see example)

Example: to set the IP address 192.168.1.23 enter 91 192 168 001 023

Factory default setting: IP address 192.168.1.253

3.3 Netmask setting

If DHCP is disabled, set the subnet mask by sequence:

92 xxx xxx xxx xxx

where: xxx xxx xxx xxx is the netmask address

Example: to set Net mask 255.255.255.1 enter 92 255 255 255 001

Factory default setting: address 255.255.255.0

3.4 Gateway IP address setting

If DHCP is disabled, set the gateway IP address by sequence:

93 xxx xxx xxx xxx

where: xxx xxx xxx xxx is the IP address

Example: to set Gateway IP address 192.168.33.1 enter 93 192 168 033 001

Factory default setting: Gateway IP address 192.168.1.1

3.5 Reset to default setting

Entering **96060** will cause a return to the factory default settings, see 6 (the IP address and all unsent data will be erased).

4 **Web server remote access**

All parameters of the JA-60WEB communicator can be set via an internet browser. Full support is possible using MS Internet Explorer version 6 or higher. Setting can be done locally as well as from an outside network (if it is enabled – please consult the network provider / supervisor).

4.1 Access to the web server

After setting has been done according to section 3 , enter the IP address of the communicator into your web browser (for example: http://192.168.1.23), the login dialog will appear.

Factory default setting:

Name: jablotron

Password: jablotron

Note: The name and password can be customized (see 4.1.3)

By clicking on the reset button which can be found on the most pages, you will reset the settings to their original values.

4.1.1 **Panel**

In the panel page the user can:

- **Monitor** the control panel
- Operate **Hot keys** for controlling the control panel quickly
- Enter programming or operating sequences in the **Sequence input** field
- See the status and operate the outputs (AUX1-AUX3) and see the status of the input (INP)

4.1.2 **Events**

- To see the 127 latest events

4.1.3 **Communicator**

In the communicator page the user can:

- Configure the network settings such as **DHCP**, **IP address**, **Netmask** and **gateway**
- Set the **Idle time for auto logoff**, and **HTTP port**
- Set the **Function of the input (off** - the status of the input will be only shown in the Panel Page, **tamper** – when connected to GND, the control panel will trigger the tamper alarm)
- Customize **Login Name** and **Password**

4.1.4 **Control panel**

This page is accessible only when the control panel is in programming mode (P). It enables full setting of the control panel. A detailed description of the parameters can be found in the control panel manual.

4.1.5 CMS1 and CMS2 pages

In the communicator page, the user can:

- Set main and backup IP addresses and ports
- Enable CMS communication
- Set CMS2 as a backup for CMS1
- Enable recording of CMS data transfer to the events list
- Set the periodic report interval and delay before re-transfer
- Set the Object ID code
- Set the Transfer Event filter – chose what events will be sent to the CMS

4.1.6 Logoff

You can logoff by clicking on the Logoff button. You will also be logged off automatically according to the **Idle time for auto logoff** setting on the Communicator page.

5 Specification

<i>Power supply</i>	<i>12V DC provided by the alarm control panel</i>
<i>Current consumption</i>	<i>40 mA</i>
<i>AUX outputs</i>	<i>dry contact, max. 100mA / 60V</i>
<i>INP input</i>	<i>reacts to connection to GND, max. voltage 15V</i>
<i>Complies with</i>	<i>EN 50131-1, Z1, EN 50136-1</i>
<i>Security grade</i>	<i>2 (low to medium risk)</i>
<i>Environmental class</i>	<i>II indoor-general (-10 to 40°C)</i>
<i>Safety</i>	<i>EN 60950</i>
<i>EMC</i>	<i>EN 55022, EN 55024, EN 50130-4</i>

Hereby, Jablotron Ltd., declares that this JA-60WEB is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. (NV 426/2000Sb.)



Original of the conformity assessment can be found at the web page www.jablotron.com, section Technical support.



Note: Although this product does not contain any harmful materials, we suggest you to return the product to the dealer or directly to the producer after usage.

6 Programming sequence summary

Function	Sequence	Options	Factory default
DHCP setting	94y	y=0 ... DHCP disabled, y=1 ... DHCP enabled	DHCP enabled
IP address setting	91 xxx xxx xxx xxx	xxx xxx xxx xxx is the IP address	192.168.1.253
Netmask setting	92 xxx xxx xxx xxx	xxx xxx xxx xxx is the IP address	255.255.255.0
Gateway IP setting	93 xxx xxx xxx xxx	xxx xxx xxx xxx is the IP address	192.168.1.1
Reset	96060	Reset to factory default settings possible	-



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