
ALL 3090 8-Port Reset Switch

User's Manual

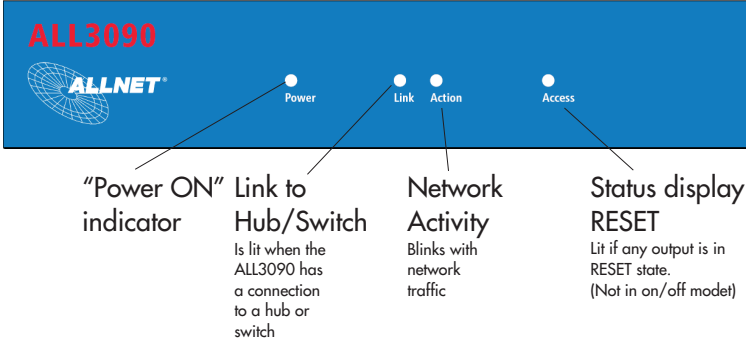


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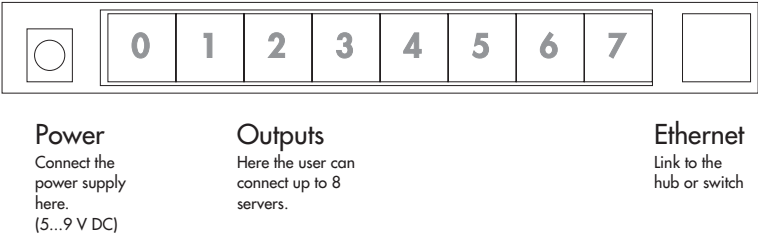
Contents of the box

- ALL 3090 Unit
- ALL3091 Reset Cable
- external Power supply
- Manual

Front Panel



Rear View



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Setup

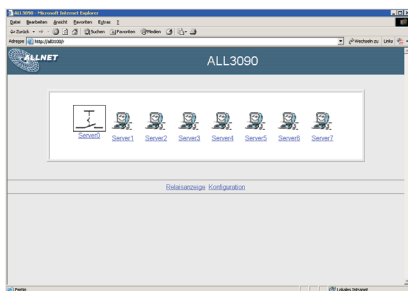
Connect the ALL3090 to your network switch or hub via a standard 1:1 cable.
Now plug the reset cables to their respective jacks and hook up the power supply.

The power LED shall light up immediately, and after a short period of time the network link led will light up, too.

First Steps

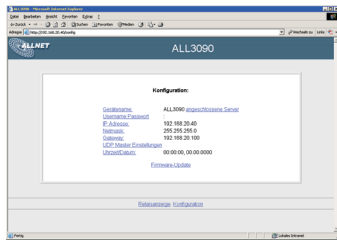
The ALL3090 comes pre-set to IP address 192.168.20.40.
If you are in the same subnet, you can immediately access it. If not, please set up a computer so that it can access this network address.
(If you do not know how to do this, consult your network administrator for help)

By means of the command line tool "PING 192.168.20.40" you can verify that your computer is able to reach the ALL3090 via the IP network.
If yes, then open any web browser (MS IE Version 6+, Netscape Version 7+) and go to the URL: <http://192.168.20.40>
Now, you could see the main page with a display of all outputs:



At the bottom of that page, you will notice 2 hyperlinks:
"Relays" and "Configuration".
Click at "Configuration" to enter the main config menu.

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This menu allows you to access all necessary settings. You might probably begin with changing the IP address, netmask and gateway to suit your specific needs.

Parameters: Overview and Description

Device Name

Name for that specific ALL3090 unit. This device name is also used for the XML output and with the Server Push via UDP to identify the data source.
Default: "ALL 3090"

Username:Password

If your application demands that only authorized persons are allowed to access the switch data, you can require the user to enter a user name and password.

Name and password have to be separated by a colon ":".

Example: Username: "Superuser", Password: "secret", then you have to set "Superuser:secret" as value for this variable.

The User is asked for the password by his browser.

If no Password is required, just leave this variable blank.

Default: "" (blank)

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IP Address

The address, which is assigned to the ALL3090 to identify it in the IP network..
Default: 192.168.20.40

use DHCP:

If you want the ALL3090 to get its network address and other settings from your DHCP server, mark this checkbox.
It is possible that the IP address assigned by the DHCP server changes - ask your network administrator.
Default: Deactivated

Netmask

These numbers are a bit mask that tells which subnets are to be treated as local.
Ask your network administrator to get the correct values.
Default: 255.255.255.0

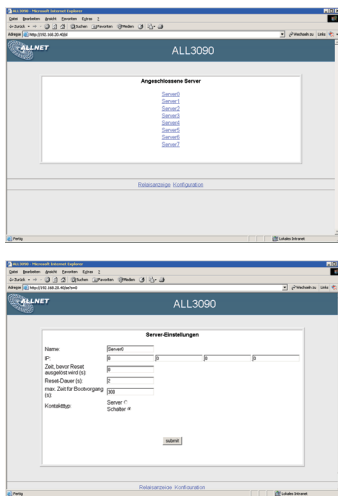
Gateway

This is the address of the gateway server the ALL3090 shall use if it wants to connect to any non-local IP addresses.
Ask your network administrator to get the correct values.
Default: 192.168.20.100

Time and Date

Not supported currently. Always outputs "00:00:00 00.00.0000".

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Servers

This menu allows you to configure the parameters of each server. Simply click on the desired server's name to get to its properties page.

Name

This is how the server will be called in display.

IP

The Server's IP address, if it shall be monitored by the ALL3090 via ping.

Time before Reset

After that amount of seconds has elapsed without any answer of the server to the ping requests from the ALL3090, it will be reset.

A value of 0 disables that monitoring.

Default: "0"

Reset Duration

Tells the ALL3090 for how long the reset impulse has to be issued.

Default: "2"

max. Time for Boot

This time the monitoring is suspended after a reset, so the server has enough time to boot up and respond properly to the ping requests.

Default: "300"

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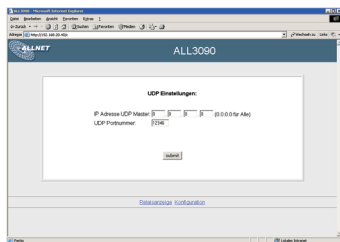
Contact Type

"Server" - Clicking on the icon sends a reset impulse to the server

"Switch" - Clicking toggles between "ON" and "OFF" state of the relay..

Default: "Server"

UDP Master Settings



IP Address UDP Master

This allows to restrict the remote control of the ALL3090 to a single IP address. If desired, that address has to be entered in this field.

An IP address of 0.0.0.0 means that every computer is allowed to send UDP control packets to the ALL3090.

Default: 0.0.0.0

UDP Port Number

Number of the UDP Port that is to be listened to by the ALL3090.

Default: 12346

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Outputs

The Relay Contact inside the ALL3090 connects the center contacts of the RJ45 connector together (pins 4 and 5). All other pins (1,2,3,6,7,8) are unused.

Current limit of the Contacts

The relay contact is a hermetically sealed reed contact. It can carry a current of up to 200 mA, at a max. Voltage of 75 Volts.

Reset to Factory Default

In the case of heavy misconfiguration (so you can no longer access it via the network), it is possible to set the ALL3090 to its original default values:

Open up the unit, and place a jumper cap on the connector J3.

Now, connect the power supply. The Power LED will flash several times, and then go out.

Now, remove the jumper and the power supply.

At the next power-up, the factory default values are loaded.