



Mediatrix 4102 / Mediatrix 4102S

Installation – MGCP/NCS

Warning: In the following installation procedures, do not disconnect the Mediatrix 4102 while the LEDs are flashing.

Thank you for choosing the Mediatrix 4102. This Quick Start will help you to properly connect all of the cables to the Mediatrix 4102 and access its web interface. You will then be redirected to various Configuration Notes documents that provide in-depth configuration steps of specific installation scenarios.

Please read the *Mediatrix 4102 Reference Manual* for detailed installation and configuration information.

Step 1 Connecting Cables

The following describes how to connect the various cables to the Mediatrix 4102.

Before you begin, make sure that you have a working network connection. Then follow these steps to install the Mediatrix 4102.

The following describes how to connect the various cables to the Mediatrix 4102.

1. Before you begin, be sure that the Mediatrix 4102 is powered off.
2. Connect the power cord to its connector on the Mediatrix 4102. Do not connect the other end of the power cord to an electrical outlet.
3. Connect analog telephones or fax machines into the **Phone-Fax 1** and **Phone-Fax 2** connectors.
Use a standard telecommunication cord with a minimum of 26 AWG wire size.
4. Connect a 10/100 BaseT Ethernet RJ-45 cable into the **WAN** connector of the Mediatrix 4102; connect the other end to a compatible Ethernet interface that supplies TCP/IP network access (e.g., router, switch, hub or computer).
You can either use a crossover or straight Ethernet cable because it performs automatic MDI / MDIX detection.
Use a standard telecommunication cord with a minimum of 26 AWG wire size.
5. Connect a 10/100 BaseT Ethernet RJ-45 cable into the **LAN** connector of the Mediatrix 4102 and connect the other end to the network card of a computer.
You can either use a crossover or straight Ethernet cable because it performs automatic MDI / MDIX detection. Use a standard telecommunication cord with a minimum of 26 AWG wire size.



Step 2 IP Address Discovery or Configuration

The purpose of this section is to be able to contact the Mediatrix 4102's web interface to start with unit configuration.

Once the physical connection is complete, you will need to power on the Mediatrix 4102 and find out the IP address it is using. The Mediatrix 4102's IP address can be set either dynamically or statically. The default behaviour of the Mediatrix 4102 is to try to obtain a dynamic IP address through a DHCP server.

Dynamic IP Address Discovery

Before connecting the Mediatrix 4102 to the network, Media5 strongly suggests that you reserve an IP address in your DHCP server for the unit you are about to connect. DHCP servers reserve IP addresses for specific devices by using a unique identifier for each device. The Mediatrix 4102's unique identifier is its media access control (MAC) address. The MAC address appears on the label located on the bottom side of the unit.

If you have not reserved an IP address, you can discover which IP address has been assigned to the Mediatrix 4102 by either:

- ▶ consulting your DHCP server's logs to find out details on the DHCP lease that was given to the Mediatrix 4102.
- ▶ using a network packet sniffer (e.g., Wireshark) to examine the DHCP messages exchanged between the Mediatrix 4102 and your DHCP server while the Mediatrix 4102 boots up.

1. If you need to discover the IP address of the Mediatrix 4102, install and start your network packet sniffer.
2. Power on the Mediatrix 4102 by connecting the other end of the power cord to an electrical outlet. The electrical outlet must be installed near the Mediatrix 4102 so that it is easily accessible.



Note: If the *Power* LED is always blinking and never turns on, this means that the Mediatrix 4102 cannot find a DHCP server. Check that you have a DHCP server properly configured on your network. If you do not have a DHCP server, go to the section [“Default Static IP Address Configuration” on page 2](#).

3. Proceed with accessing the Mediatrix 4102 web interface.

Default Static IP Address Configuration

If there is no DHCP server in your network, then the IP address has to be configured statically.

1. With a 10/100 Hub and two 10/100 BaseT Ethernet RJ-45 straight cables, connect both cables to the Hub; one of them is connected into the **WAN** connector of the Mediatrix 4102 and the other one links the computer to the Hub.
2. Reconfigure the IP address of your computer to **192.168.0.10** and the Subnet Mask to **255.255.255.0**. Restart the computer.
3. Power on the Mediatrix 4102 by connecting the other end of the power cord to an electrical outlet. The electrical outlet must be installed near the Mediatrix 4102 so that it is easily accessible.
4. Insert a small, unbent paper clip into the **Reset / Default** hole located at the back of the Mediatrix 4102. The *Power* LED will start blinking, and after a few seconds, all the LEDs will start blinking. Release the paper clip after all the LEDs start blinking and before they all stop blinking (between 5-10 seconds). Only the *Power* and *Ready* LEDs should go on blinking to inform you that the recovery mode procedure has been performed.

After a recovery mode is performed, the Mediatrix 4102 uses the default IP address 192.168.0.1. Refer to the *Reference Manual*, Chapter *Installation* for details on the recovery mode procedure.

You must perform the recovery mode in a closed network and perform it on only one Mediatrix 4102 at a time, since the default IP address is the same on every unit.

5. Proceed with accessing the Mediatrix 4102 web interface.

Step 3

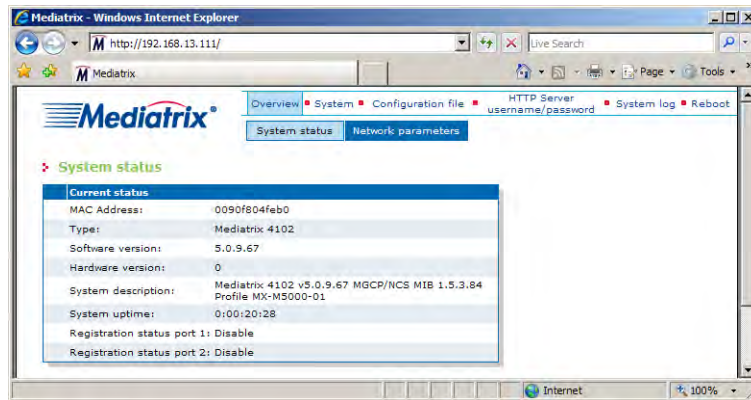
Access the Mediatrix 4102 Web Interface

1. In your web browser's address field, type the IP address of the Mediatrix 4102:
 - ✓ obtained from the DHCP server, or
 - ✓ obtained in [“Default Static IP Address Configuration” on page 2](#) (192.168.0.1)

The *Enter Network Password* page opens.

2. Enter the user name **admin** and the password **1234**.
3. Click **OK**.

The *System Status* web page displays.



Step 4

End User Technical Support

Media5 works through its partners to resolve technical support issues. All end users requiring technical support are encouraged to contact their vendor directly.