Mediatrix 1204 Installation

The Mediatrix 1204 can be directly plugged into a network and provisioned with a DHCP server. It is strongly recommended to set your DHCP server before installing the unit on the network. See the *Reference Manual* for more details. If you are experiencing problems, or if you do not want to use a DHCP server, you must perform a Recovery Mode procedure.

A - Reserving an IP Address

Before connecting the Mediatrix 1204 to the network, Media5 strongly suggests that you reserve an IP address in your DHCP server for the unit you are about to connect. This way, you will know the IP address associated with a particular unit. DHCP servers reserve IP addresses for specific devices using a unique identifier for each device. The Mediatrix 1204 unique identifier is its media access control (MAC) address. The MAC address appears on the label located on the bottom side of the unit.

B - Connecting the Mediatrix 1204 Hardware

1. Connect the power cord to the Mediatrix 1204 and then connect the other end to an electrical outlet.

    The Mediatrix 1204 powers up. You do not need to wait for the device to complete its power up cycle before proceeding to the next step.

2. Connect standard SCN telephone lines or analog PBX extensions into Ports 1, 2, 3, and 4.

    Use a standard telecommunication cord with a minimum of 26 AWG wire size.

3. Connect a 10/100 BaseT Ethernet RJ-45 cable into the *Ethernet* connector of the Mediatrix 1204 and connect the other end to a compatible Ethernet interface that supplies TCP/IP network access (e.g., router, switch, hub, or computer).

    Use a standard telecommunication cord with a minimum of 26 AWG wire size.

C - Initial Provisioning Sequence

When starting the Mediatrix 1204 for the first time, it needs to be configured before it can support calls. This process is known as *provisioning*.

1. When the Mediatrix 1204 starts, it broadcasts a message requesting DHCP services (if the unit is configured to start in DHCP mode).

2. The DHCP server responds with a set of IP addresses and network parameters. The following are some of the network parameters assigned via DHCP:

    - Mediatrix 1204 IP address
    - Subnet Mask
    - Default Router IP address
    - Primary and Secondary DNS IP addresses
    - Management Server IP address and port number
    - SIP Servers IP address and port number

3. The Mediatrix 1204 uses the IP address of the Management Server to request its configuration.

4. The Management Server configures the Mediatrix 1204.

D - Recovery Mode Procedure

The Recovery mode assigns a static default IP address to the Mediatrix 1204.

1. Power off the Mediatrix 1204 by unplugging the power cord.

2. 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 *Ethernet* connector of the Mediatrix 1204 and the other one links the computer to the Hub.

   You must perform the recovery mode in a closed network and perform it on only one Mediatrix 1204 at a time, since the default IP address is the same on every unit.

3. Reconfigure the IP address of your computer to *192.168.0.10* and enter the Subnet Mask of *255.255.255.0*. Restart your computer.

4. Insert a small, unbent paper clip into the *Default Settings* switch hole located at the rear of the Mediatrix 1204. While depressing the *Default Settings* switch, plug the power cord back in to power up the unit.

   Hold the *Default Settings* switch just a few seconds until all LEDs start blinking. When releasing the *Default Settings* switch, only the *Power* and *Ready* LEDs should go on blinking to inform you that the recovery reset has been performed.

   In recovery mode, the IP addresses and port numbers are set to their default values in the MIBs. For instance, the default local IP address is 192.168.0.1.

   In this mode, only SNMP can be used to set IP addresses located under the *ipAddressConfig* folder in the MIB structure. See the *Reference Manual* for more details.

5. When the Mediatrix 1204 has finished its provisioning sequence, perform the changes you want, turn the unit off, plug it on the network, and turn it on again.

E - End User Technical Support

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