

1. Package Contents

Thank you for purchasing PLANET Managed Media Converter Chassis, MC-1610MR/MC-1610MR48. The description of these models is shown below:

MC-1610MR 16-slot Managed Media Converter Chassis (AC power)

MC-1610MR48 16-slot Managed Media Converter Chassis (DC power)

“Managed Media Converter Chassis” is used as an alternative name in this Quick Installation Guide.

Open the box of the Managed Media Converter Chassis and carefully unpack it. The box should contain the following items:

- Managed Media Converter Chassis with one power supply installed x 1
 - Quick Installation Guide x 1
 - RS232 to RJ45 Console Cable x 1
 - Power Cord x 1
 - Two Rack-mounting Brackets with Attachment Screws x 1
- If any item is found missing or damaged, please contact your local reseller for replacement.

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3. Terminal Setup

The Managed Media Converter Chassis is equipped with a console interface for local setup and maintenance. To configure the system, connect a serial cable to a **COM port** on a PC or notebook computer and to the RJ45 type of the console port of the Managed Media Converter Chassis.

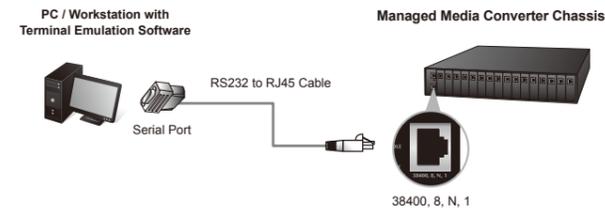


Figure 3-1: Managed Media Converter Chassis Console Connectivity

A terminal program is required to make the software connection to the Managed Media Converter Chassis.

1. Run terminal program on the OS.
2. When the following screen appears, make sure that the COM port should be configured as:

“ Baud: 38400
“ Data bits: 8

“ Parity: None
“ Stop bits: 1
“ Flow control: None

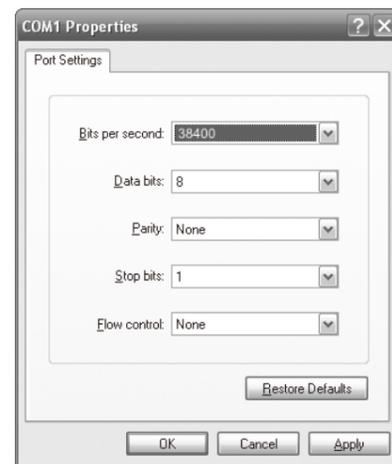


Figure 3-2: COM Port Configuration

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3.1 Logging on to the Console

Once the terminal has connected to the device, power on the Managed Media Converter Chassis, and the terminal will display “running testing procedures”.

Then, the following message asks the login user name and password. By default, the user name and password are both “admin”. The screen in Figure 3-3 appears.

Username: **admin**
Password: **admin**

```
login: admin
password: *****
MC-1610MR>
```

Figure 3-3: Managed Media Converter Chassis Login Screen

The user can now enter commands to manage the Managed Media Converter Chassis. For a detailed description of the commands, please refer to the following chapters.



Note

1. For security reason, please change and memorize the new password after this first setup.
2. Only accept command in lowercase letter under console interface.

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3.2 Configuring IP Address via the Console

The Managed Media Converter Chassis is shipped with the default IP address shown below:

IP Address: **192.168.0.100**
Subnet Mask: **255.255.255.0**

To check the current IP address or modify a new IP address for the Managed Media Converter Chassis, please use the procedures as follows.

■ Displaying the current IP address

1. At the “MC-1610MR>” prompt, enter “show ip”.
2. The screen displays the current IP address, subnet mask and gateway as shown in Figure 3-4.

```
MC-1610MR> show ip
IP addr : 192.168.0.100
Submask : 255.255.255.0
Gateway : 192.168.0.254
MC-1610MR>
```

Figure 3-4: IP Information Screen

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■ Configuring IP address

3. At the “MC-1610MR>” prompt, enter the following command and press <Enter> as shown in Figure 3-5.

```
set ip xxx.xxx.xxx.xxx mmm.mmm.mmm.mmm
ggg.ggg.ggg.ggg
```

For example, configure the Managed Media Converter Chassis with the following IP settings:

IP Address: **192.168.0.101**

Subnet Mask: **255.255.255.0**

Default Gateway: **192.168.0.254**

Press the following command and then press <Enter>

```
set ip 192.168.0.101 255.255.255.0 192.168.0.254
```

Then the following message appears under console interface:

The IP is set to **192.168.0.101**

The netmask is set to **255.255.255.0**

The gateway is set to **192.168.0.254**

You can access the web interface of the Managed Media Converter Chassis through the new IP address. The IP subnet address setting screen in Figure 3-5 appears.

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```
MC-1610MR> set ip 192.168.0.101 255.255.255.0 192.168.0.254
set ip done
*****
eth0 192.168.0.101 255.255.255.0 192.168.0.254
*****
MC-1610MR>
```

Figure 3-5: Setting IP Command Screen

4. Repeat Step 1 to check if the IP address has changed.

If the IP is successfully configured, the Managed Media Converter Chassis will apply the new IP address setting immediately. You can now access the Web interface of the Managed Media Converter Chassis through the new IP address.



Note

If you are not familiar with console command or the related parameter, enter “?” anytime in console to get the help description.

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2. Requirements

- Workstations running Windows XP/2003/Vista/7/8/10/2008, MAC OS X or later, Linux, UNIX, or other platforms are compatible with TCP/IP protocols.
- Workstations are installed with Ethernet NIC (Network Interface Card).
- **Serial Port Connection** (Terminal)
 - The above Workstations come with **COM Port** (DB9) or **USB-to-RS232** converter.
 - The above Workstations have been installed with **terminal emulator**, such as Hyper Terminal included in Windows XP/2003, putty or tera term.
 - **Serial cable** -- One end is attached to the RS232 serial port, while the other end to the console port of the Managed Media Converter Chassis.
- **Ethernet Port Connection**
 - **Network cables** -- Use standard network (UTP) cables with RJ45 connectors.
 - The above PC is installed with **Web browser**.



Note

It is recommended to use Internet Explorer 8.0 or above to access the Managed Media Converter Chassis. If the Web interface of the Managed Media Converter Chassis is not accessible, please turn off the anti-virus software or firewall and then try it again.

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4. Starting Web Management

The following shows how to start up the **Web Management** of the Managed Media Converter Chassis. Note the Managed Media Converter Chassis is configured through an Ethernet connection. Please make sure the manager PC must be set to the same **IP subnet address**.

For example, the default IP address of the Managed Media Converter Chassis is **192.168.0.100**, then the manager PC should be set to **192.168.0.x** (where x is a number between 1 and 254, except 100), and the default subnet mask is 255.255.255.0.

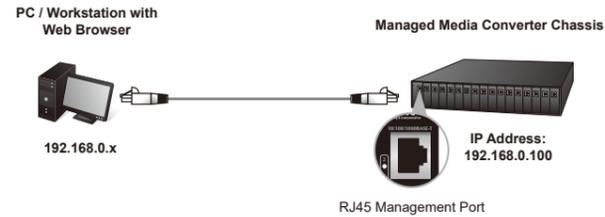


Figure 4-1: IP Management Diagram

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4.1 Logging in to the Managed Media Converter Chassis

1. Use Internet Explorer 8.0 or above Web browser and enter IP address **http://192.168.0.100** to access the Web interface.
2. When the following dialog box appears, please enter the default user name and password "**admin**". The login screen in Figure 4-2 appears.

Default Username: **admin**
Default Password: **admin**



The following screen is based on the MC-1610MR as the MC-1610MR48's display is the same as that of the MC-1610MR.



Figure 4-2: Login Screen

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3. After entering the username and password (default user name and password are "**admin**") shown in Figure 4-2, the Web main screen in Figure 4-3 appears.



Figure 4-3: Web Main Screen of Managed Media Converter Chassis

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The Function Menu on the left of the Web page lets you access all the commands and statistics the Media Converter Chassis provides.

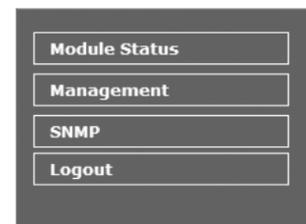


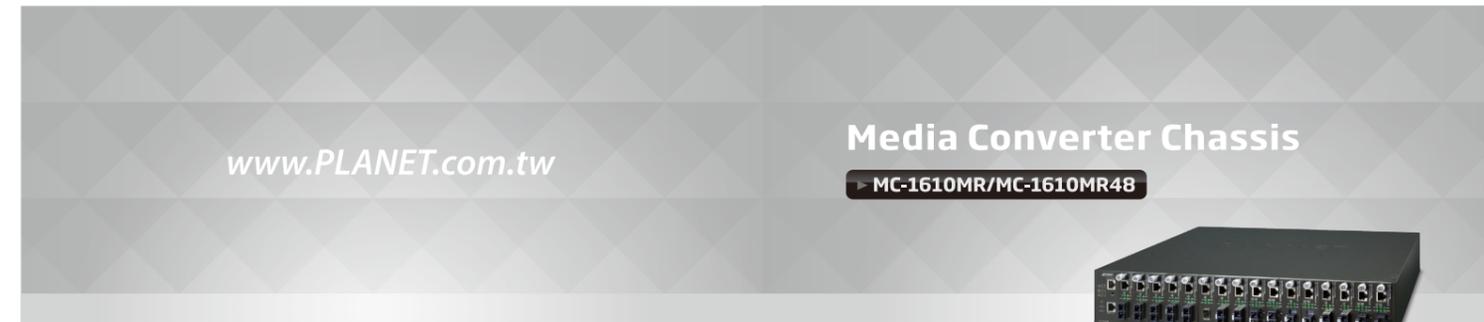
Figure 4-4: Function Menu

Now, you can use the Web management interface to continue the Managed Media Converter Chassis management. Please refer to the user manual for more details.



For security reason, please change and memorize the new password after this first setup.

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Warning:
This device is compliant with Class A of CISPR 32.
In a residential environment this device may cause radio interference.

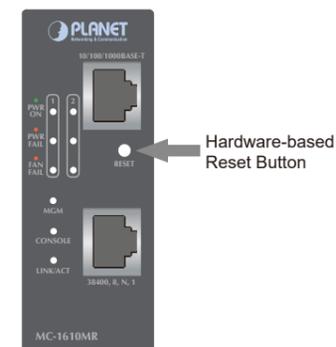


Energy Saving Note of the Device:
This power required device does not support Standby mode operation. For energy savings, please remove the power cable to disconnect the device from the power circuit. Without removing the power cable, the device will still consume power from the power source. In view of Saving the Energy and reducing the unnecessary power consumption, it is strongly suggested to remove the power cable from the device if this device is not intended to be active.

5. Recovering Back to Default Configuration

■ IP Address has been changed or admin password has been forgotten –

To reset the IP address to the default IP address "**192.168.0.100**" or reset the login user name/password to default value, press the hardware-based **reset button** on the front panel for about **10 seconds**. After the device is rebooted, you can log in the management Web interface within the same subnet of 192.168.0.xx and default user name/password.



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6. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource at the PLANET Web site first to check if it could solve your issue. If you need more support information, please contact PLANET Media Converter support team.

PLANET online FAQs:
<https://www.planet.com.tw/en/support/faq>

Media Converter support team mail address:
support_converter@planet.com.tw

MC-1610MR/MC-1610MR48 User's Manual:
<https://www.planet.com.tw/en/support/downloads?&method=keyword&keyword=MC-1610MR&view=3#list>



(Please select the Managed Media Converter Chassis model name from the Product Model drop-down menu)

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