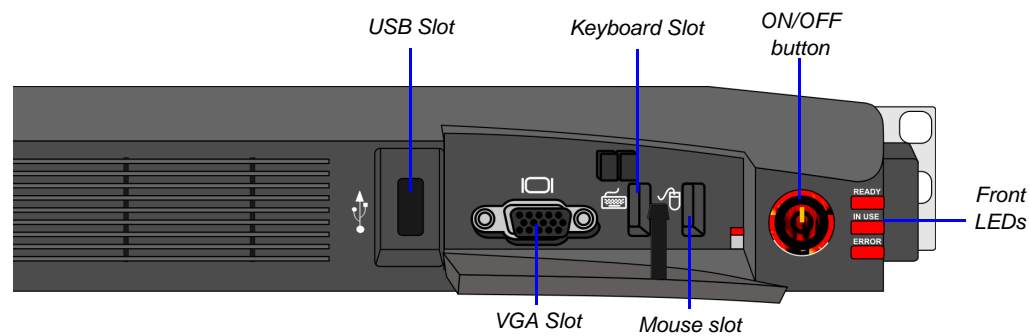


## Installation Quick Start Guide for RMX 1500

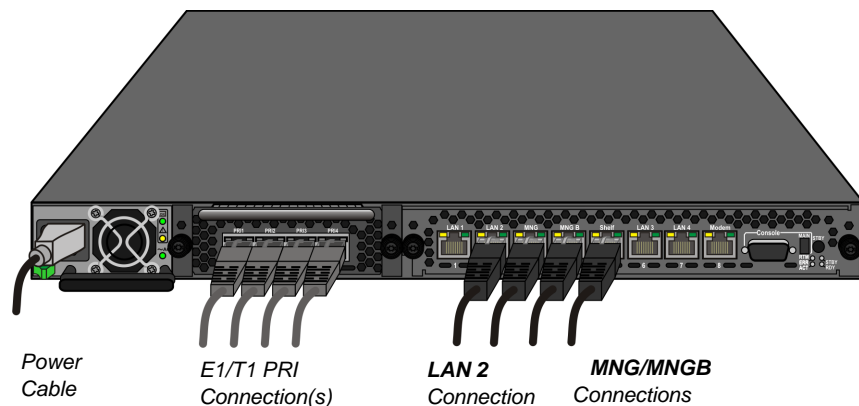
### Basic Setup



Before installing the RMX 1500 and performing the Basic Setup, please read the General Safety Precautions described in the *Polycom RMX 1500 Hardware Guide*. For a detailed description of Unpacking and Rack mounting instructions, see the *Polycom RMX 1500 Hardware Guide*.



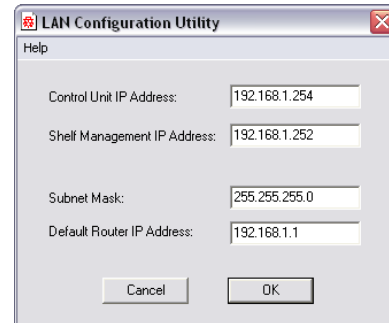
- 1 Insert the power cable into the power connector on the rear panel of the RMX 1500.
- 2 Connect the *Media* cable to **LAN 2** port.
- 3 Connect the network cables to the **MNG (Signaling)** port & **MNGB (Management Network)** port.
- 4 (Optional.) Connect the *Shelf Management* cable to the **Shelf** port.
- 5 (Optional.) Connect the E1/T1 cables to their **PRI (1-4)** ports.



The LAN3 & LAN4 ports are not be used and the plastic caps covering those ports should not be removed.

### Modifying the USB Key Settings

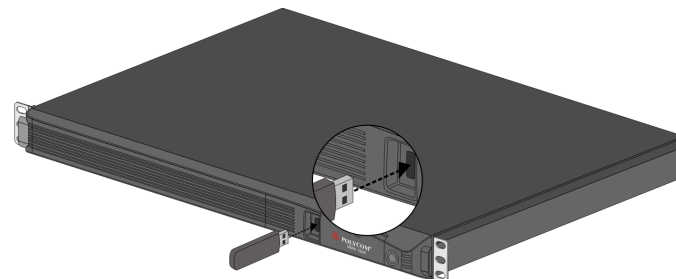
- 1 Insert the *USB key* provided with your system into the PC workstation and double-click **LanConfigUtility.exe** to start the utility.



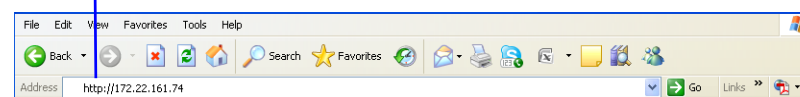
- 2 Modify the parameters in the utility's dialog box using the information supplied by your network administrator.
- 3 Click **OK**.
- 4 Remove it from the PC.

### First-time Power-up and Connection to MCU

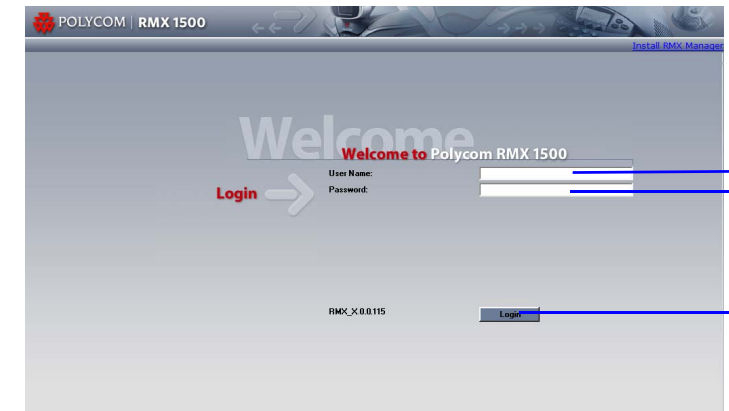
- 1 Insert the *USB key* containing the modified IP addresses in the USB port on the RMX's front panel.



- 2 Power the RMX **ON**.  
The parameters in the **lan.cfg** file are uploaded from the USB key to the RMX's memory and applied during the power-up sequence.  
System power-up sequence may take up to **five** minutes.  
During the first-time power-up the red **ERR** LED on the RMX's front panel remains **ON** until both the *Management* and *IP Network Services* have been defined.
- 3 Remove the *USB key*.  
Enter the IP address of the RMX Control Unit and press Enter.



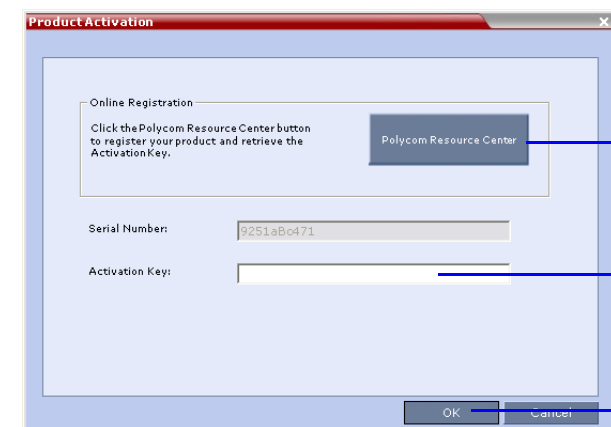
- 4



5

Enter POLYCOM.  
Enter POLYCOM.

Click **Login**.



6

Click to connect to Polycom web site and register the RMX.

Click **Product Registration** and follow the on screen instructions to obtain the *Product Activation Key*.


Enter or paste the *Product Activation Key* obtained.

Click **OK**.



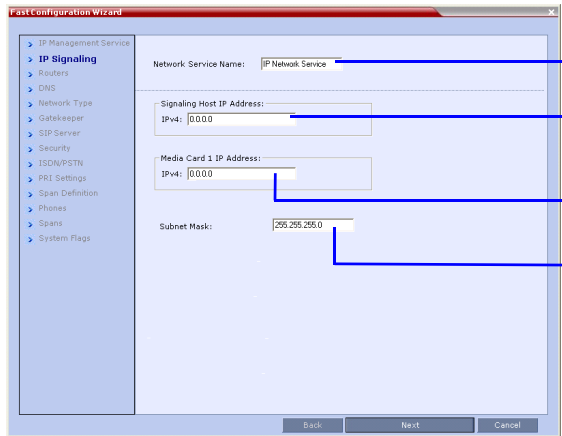
## Modifying the Default IP Service

This section describes the definition of H.323 Network Service. For detailed description of H.323, SIP and ISDN Network Service definitions, see the *RMX Getting Started Guide*, “First Time Installation and Configuration”.

 On the RMX 1500, IPv4 is the default protocol for setting the Network Service in the *Fast Configuration Wizard*.

In the *Fast Configuration Wizard*, select **Next** to move from one window to another.

**1**



The screenshot shows the 'Fast Configuration Wizard' window. The 'Network Service Name' field is set to 'Default IP Service'. The 'Signaling Host IP Address' field is set to '0.0.0.0'. The 'Media Card 1 IP Address' field is set to '0.0.0.0'. The 'Subnet Mask' field is set to '255.255.255.0'. The 'Next' button is highlighted.

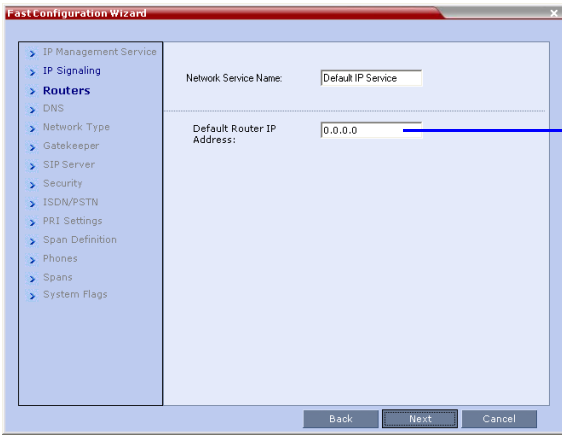
Change the default service name if required.

Enter the address to be used by IP endpoints when dialing in to the MCU.

Enter the IP address of the media card.

Enter the subnet mask of the MCU.

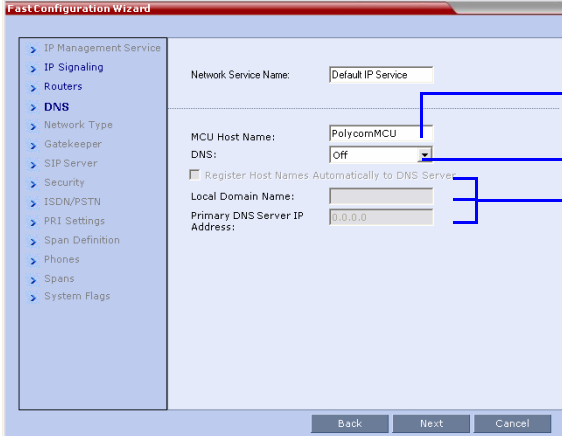
**2**



The screenshot shows the 'Fast Configuration Wizard' window. The 'Default Router IP Address' field is set to '0.0.0.0'. The 'Next' button is highlighted.

Enter the IP address of the default router.

**3**



The screenshot shows the 'Fast Configuration Wizard' window. The 'MCU Host Name' field is set to 'PolycomMCU'. The 'DNS' field is set to 'Off'. The 'Local Domain Name' field is set to '0.0.0.0'. The 'Primary DNS Server IP Address' field is set to '0.0.0.0'. The 'Next' button is highlighted.

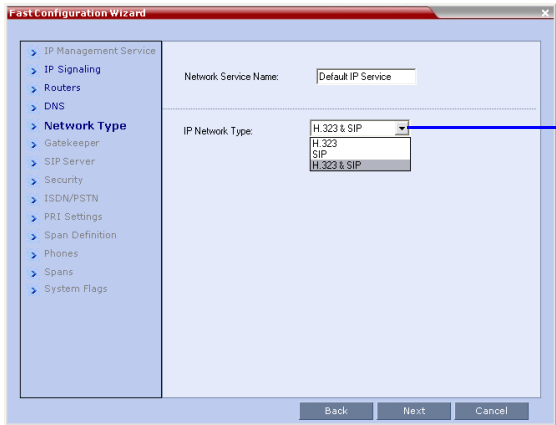
Enter the name of the MCU on the network.

Optional. Select **Specify** to define a DNS server.

Optional. Define the DNS server properties:

- Registration mode
- The name of the MCU domain
- The static IP address of the primary DNS server

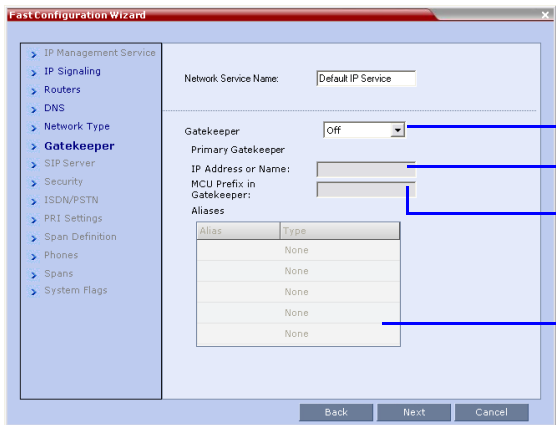
**4**



The screenshot shows the 'Fast Configuration Wizard' window. The 'IP Network Type' dropdown menu is open, showing options: 'H.323 & SIP', 'H.323', 'SIP', and 'H.323 & SIP'. The 'Next' button is highlighted.

Select **H.323** as the IP Network Type.

**5**



The screenshot shows the 'Fast Configuration Wizard' window. The 'Gatekeeper' section is expanded. The 'Primary Gatekeeper' dropdown menu is open, showing options: 'Off', 'Specify', and 'Default'. The 'IP Address or Name' field is set to '0.0.0.0'. The 'MCU Prefix in Gatekeeper' field is set to '0.0.0.0'. The 'Aliases' table is empty.

Select **Specify** to configure the gatekeeper parameters.

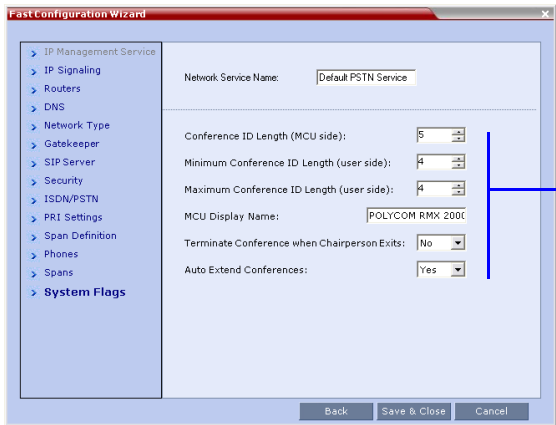
Enter gatekeeper's host name or IP address.

Enter the string with which the MCU registers itself with the gatekeeper.

Enter the alias that identifies the RMX's Signaling Host within the network. Up to five aliases can be defined for each RMX.

**6** In the IP Network Service creation confirmation, click **OK**.

**7**



The screenshot shows the 'Fast Configuration Wizard' window. The 'System Flags' section is expanded. The 'Conference ID Length (MCU side)' field is set to '5'. The 'Minimum Conference ID Length (user side)' field is set to '4'. The 'Maximum Conference ID Length (user side)' field is set to '4'. The 'MCU Display Name' field is set to 'POLYCOM RMX 2000'. The 'Terminate Conference when Chairperson Exits' dropdown menu is set to 'No'. The 'Auto Extend Conferences' dropdown menu is set to 'Yes'. The 'Save & Close' button is highlighted.

Optional. Modify the default settings of the system flags that define the general system behavior such as the number of digits in the conference ID assigned by the MCU.

These flags can be modified later, if required, by selecting the *System Configuration* option from the *Setup* menu.

**8** Click **Save & Close**.

**9** In the *Success Message* box confirming successful configuration, click **OK**.

**10** In the *Reset Confirmation* dialog box, click **Yes**.

**11** In the *Please wait for system reset* message box, click **OK**.

**System restart may take up to five minutes.**

**12** Refresh the browser periodically until the Login screen is displayed and *Login*. In the *Main Screen* an *MCU State* indicator displays the time remaining until the system start-up is complete.

**13** Create a new **User** with Administrator permissions and delete the default User (POLYCOM). For system security reasons, only when this step is completed and if there are no *System Errors*, the system is fully configured and the green RDY LED on the CNTL module (on the RMX's front panel) turns ON.

## Connecting to a Conference Directly or via Entry Queue (EQ)

The RMX is shipped with pre-configured default conferencing entities that can be used to dial in and start conferences. Default (Transit) Entry Queue ID: 1000, default Meeting Room IDs: 1001, 1002, 1003, and 1004.

### H.323 Participants

H.323 participants dial:

**[MCU Prefix in Gatekeeper][Conference or Entry Queue ID/Name]**

For example, if the MCU prefix in gatekeeper is 925, you can dial to the default (Transit) Entry Queue by entering 925 or 9251000 and be routed to Meeting Rooms by entering its ID (i.e. 1001, 1002, 1003 or 1004). You can connect directly to one of the default Meeting Rooms, by dialing its number, for example: 9251001.

Alternatively, you can use the Entry Queue or conference name to connect directly to the conference. For example, if the conference name is Maple\_Room, the participant can dial: 925Maple\_Room.

### SIP Participants

The dialing string is composed of the conference routing name as registered with the SIP server and domain name in the format: **conference\_name@domain\_name**

For example, if conference routing name is 1001, the string is 1001@polycom.com.

### ISDN and PSTN Participants

ISDN and PSTN participants can connect to conferences and Meeting Rooms directly or via an Entry Queue by dialing one of the numbers (including the country and area code if needed) assigned to the conference, Meeting Room or Entry Queue. When connecting to an EQ they are routed to their conference according to the conference ID. For example, if the assigned dial in number is 4045555, the ISDN/PSTN endpoint dials this number with the appropriate area code (for example, 678) and country code (001).

## Conference Control Using DTMF Codes

Operation	DTMF String	Operation	DTMF String
Mute My Line	*6	Request individual assistance	*0
Unmute My Line	#6	Request assistance for conference	00
Increase Broadcast Volume	*9	Increase Listening Volume	*76
Decrease Broadcast Volume	#9	Decrease Listening Volume	#76
Play Help Menu	*83	Change To Chairperson	*78
Start Click&View to modify personal layout	**	Show Number of Participants	*88