

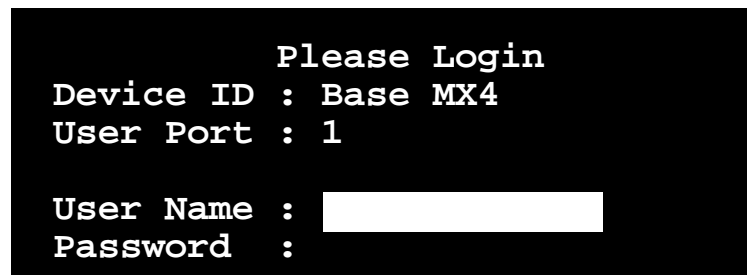
Chapter 2 Operating The MX⁴

This section describes how a user operates MX⁴ functions to access computers.

Logging In

☞ You must first login to access the computers connected to the MX⁴.

When the system is first turned on, the **Log-in Menu** is displayed on the monitor of each user console. (Figure 2). Device ID is the name of this MX⁴ unit, and User Port is the number-1, 2, 3, or 4-of the physical MX⁴ user port to which this user console is currently connected.



Help Messages

Figure 2 Log-in Menu

1. Enter your **user name** assigned by your administrator. If user names have not been assigned, the default is *usera*, *userb*, *userc*, or *userd* for users, and *admin* for the administrator. User names are not case sensitive.
2. Press **<Enter>**. If a password is necessary, you will be prompted to enter it, and press **<Enter>** again. **Passwords are case sensitive.** (See Changing Password on page 9.)
3. The **Selection Menu** will be displayed (Figure 3 & Figure 4.) To go to other menus, use the function keys. (See On-Screen User Interface Functions on page 9.)

Selection Menu			
MC: Base MX4		Page	1 / 1
Ch.ID	Name	Stat	
1	01	Untitled-001	A0 03
2	02	NT4.0-Mail	A0 03
3	03	Wins95.Bob	B0 03
4	04	▶ Wins98.Jack	A0 03
5	05	Untitled-005	A0 03
6	06	NT4.0-Susan	A0 03
7	07	Untitled-007	A0 03
8	08	Untitled-008	A0 03

Help Messages

Status Line

Figure 3 Selection Menu

Selection Menu by Name			
		Page	1 / 1
Name	Ch.ID	Stat	
NT4.0-Mail	02	A0	03
NT4.0-Susan	06	A0	03
▶ Wins95.Bob	03	B0	03
Wins98.Jack	04	A0	03
Untitled-001	01	A0	03
Untitled-005	05	A0	03
Untitled-007	07	A0	03
Untitled-008	08	A0	03

Help Messages

Status Line

Figure 4 Selection Menu by Name

Selecting a Computer

1. Activate the on-screen user interface by pressing the **<Scroll Lock>** twice rapidly. The **Selection Menu** will be displayed (See Figure 3 & Figure 4.)
2. The Selection Menu lists channels sorted either by channel ID (**Ch. ID**) number or alphabetically by computer name. Default sorting is by channel ID number.

Press **<F12>** to toggle between sorting by channel ID number and by computer name.

- The Selection Menu displays up to eight channels.
 - The Ch. ID column indicates the physical channel to which each computer is connected.
 - The Name column lists the computer name.
 - The Stat column shows each channel's security class on the left side of the column, and the channel-specific scan rate—in seconds—on the right side of the column. (See Channel Configuration on page 15 for instructions for changing channels, security classes, and scan rates.)
3. The highlight bar is used to select a channel for connection to the local user console. Each channel's availability is visually indicated by the following text colors:
- Black—no computer connected or computer is powered down
 - Green—channel is active and available
 - Red—unavailable
 - Yellow—unavailable, another user is connected, but the video is available to view
 - Purple—connected to a MasterConsole II or MasterConsole P model
 - Cyan—connected to a second-tier MX⁴. The highlight bar skips this channel.
 - White—current status unknown
- ☞ If the security class of a channel is shown in red, the channel cannot be selected due to security restrictions.
- ☞ A small red triangle points to the name of the computer—if any—to which you are currently connected.
4. To select a computer:
- Press the **<Page Up>**, **<Page Down>**, **<↑>**, and **<↓>** keys to highlight the desired computer and press **<Enter>**,
 - When the Selection Menu is sorted by channel ID number, press the desired computer's key number—shown in the left-hand column—and press **<Enter>**,
 - When the Selection Menu is sorted by Name—arranged alphabetically— you can type the first character(s) of the desired name to quickly jump to the name that most closely matches the characters you type, and press **<Enter>**.
5. When you select a computer, you automatically return to normal computer operation at the selected computer.
- If you select a MasterConsole device, you'll go to the Selection Menu of that device. To return to the base MX⁴ Selection Menu from any other Selection Menu, press the **<Home>** key.

- ☞ If you select another computer's video to share (PublicView option), a message is displayed as shown in Figure 5. Pressing the hot-key activator twice returns you to your previous menu.

A screenshot of a message box with a black background and white text. The text is split into two parts: "02 Wins98.Bob" on the left and "Video" on the right, enclosed in a white rectangular border.

Figure 5 PublicView Only Message

- ☞ If another user selects your computer's video to view, a message is displayed as shown in Figure 6. The name of the previous user is attached. When a user selects to stop viewing your video, another message is displayed as shown in Figure 7. Pressing the hot-key activator twice clears these messages.

A screenshot of a message box with a black background and white text. The text reads "P-View Active - Jayson".

Figure 6 PublicView Sign On

A screenshot of a message box with a black background and white text. The text reads "P-View Off - Jayson".

Figure 7 PublicView Sign Off

User Customization

The **User Profile** screen is for displaying your MX⁴ configuration and for setting/changing your preferred operating parameters (Figure 8).

1. Activate OSUI by pressing the **hot-key <Scroll Lock>** key twice rapidly.
2. Press **<F4>** to access the User Profile screen.
 - The **Connected** field displays the name and the channel ID number of the currently selected computer.
 - The **User** field displays the User Name entered at login.
 - The **Station** field displays the physical MX⁴ user port you are connected to.
 - The **Security** field displays your security class.
 - The **Admin** field displays your administrator privileges.

```

User Profile
Connected: Wins95.Bob   Ch 3
User: Susan           Station: 1
Security: A0          Admin: Yes

Scan Mode: Global
Global Scan Rate: 03 Seconds
ID Display: On        03 Seconds
Green Mode: Off      05 Minutes
Hotkey:      Scroll Lock
Display Position: Menu ID
Help Mode: Circ Left
P-View Switch: Do Nothing

Help Messages

Status Line

```

Figure 8 User Profile Menu

3. Select the field you want to edit by pressing the **<Tab>** (forward) **<Shift-Tab>** (backward) keys to move to the desired field. Press **<Enter>** to begin the edit. The highlighted area will turn green. When the editing is completed, either press **<Enter>** to retain the changes or press **<Esc>** to cancel them.
 - **Scan Mode:** Use the **<↑>** and **<↓>** keys to toggle between **Global** and **Individual**. The **Global Scan Mode** scans each channel for the same amount of time, indicated by the **Global Scan Rate**. The **Individual Scan Mode** scans each channel for the specified time as shown in the Selection Menu. The default setting is Global. (Setting the channel's individual scan rate is an administrator function—see page 15.)
 - **Global Scan Rate:** Type a number from 01 to 24, or use the **<↑>** and **<↓>** keys to increment or decrement. The default setting is 3 seconds.
 - **ID Display:** The ID Display is a small window that shows the computer name and the channel ID number when you switch or scan between channels. It is controlled by two fields:
 - **On/Off:** Use the **<↑>** and **<↓>** keys to toggle on and off.
 - **Time:** Type a number from 01 to 24, or use the **<↑>** and **<↓>** keys to increment and decrement. When incremented beyond 24, it displays “—”, indicating that ID window will be shown all the time. The default setting is On/03 seconds.
 - **Green Mode:** The Green Mode (**PowerSave** mode) blanks the screen if the user console is idle for the specified amount of time. It is controlled by two fields:
 - **On/Off:** Use the **<↑>** and **<↓>** keys to toggle on and off.

- **Time:** Type a number from 01 to 99 or use the <↑> and <↓> keys to increment and decrement. The default setting is On/05 minutes.
 - **Hot-key:** Use the <↑> and <↓> keys to select <Scroll Lock>, <Caps Lock>, or <Num Lock>. Press the selected hot-key twice rapidly to activate the on-screen user interface. The default setting is <Scroll Lock>.
 - **Display Position:** This lets you position the On-Screen menu and ID Display window. Use the <↑>, <↓>, <←> and <→> keys to position the selected window.
 - **Help Mode:** Use the <↑> and <↓> keys to select the preferred help mode. This controls how the help messages are presented on the on-screen user interface menus and screens. The default setting is Circulate Left.
 - **PublicView Action (P-View Action):** PublicView facilitates video sharing. The administrator can set the PublicView video sharing option so as to grant system-wide permission that allows the video of any user to be viewed by any other user. If the administrator permits video sharing, the option is used for setting user preferences. Use the <↑> and <↓> keys to select the preferred mode: “Do Nothing”, “Follow User”, “Connect PC”, or “Notify”. (See Appendix A: Security Access and PublicView on page 26 for detailed explanations.)
4. **Changing Password:** To add, delete, or change your password, press <P>. You will be prompted to enter your new password of up to eight characters. Press <Enter>, and confirm by re-entering your new password. Then either press <Enter> again to retain the change or press <Esc> to cancel it.
 5. **Saving Changes:** Press <S> to save your changes at any time. When you press <S> or exit the menu, you will be prompted to confirm your changes.

On-Screen User Interface Functions

Use the following function keys to access MX⁴ OSUI functions:

Press...	When you want to...
<F1>	access Help; get a list of all of the function keys (Figure 9)
<F2>	access Selection Menu; view the list of channels, security levels, or scan rates; or select a channel
<F4>	access the User Profile or view and change user-specific operating parameters
<F5>	access the Administration Menu if you have administrator privileges
<F6>	toggle On/Off AutoScan
<F7>	toggle On/Off AutoSkip
<F8>	permit/deny PublicView
<F9>	logout
<Shift-F9>	disconnect from a channel without logging out
<F12>	while in Selection Menu, toggle sorting by name or channel ID

<Esc> Exit

- ☞ If a user does not have administrator privileges, then the F5 function is displayed in red.
- ☞ If F8 has no effect with respect to granting video sharing permission based on the video-share-mode setting, it is displayed in red.

```

                                Help
MX4 Version:  MX4-V2.01
Serial Number: MX400121198
F1  Help    /  Esc Exit
F2  Channel Selection
    -F12 Sort by Channel/Name
F4  User Profile
F5  Administrative Functions
F6  Toggle Scan On/Off
F7  Toggle Skip On/Off
F8  Permit/Deny Public View
F9  Logout/Login as new user
    -Shft+F9 Release Channel

                                Help Messages
                                Status Line
```

Figure 9 Help Menu