Trademarks


Proprietary Statement

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Manual Colophon

This manual was created in FrameMaker, using Times New Roman, Courier, Arial, Symbol and Wingdings typefaces. The manual was printed in camera-ready form on a MINOLTA-QMS printer.
1 Remote Console User’s Guide

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About Crown Consoles

A console is a terminal through which a user communicates with the printer. The console feature on Crown printers allows users or system administrators to access information, set up printer configuration, or change printer configuration from a remote console.

For Crown printers supporting the remote console feature, the remote console is a terminal connected via TCP/IP Telnet. The console is a line-oriented display of 24 lines of 80 characters that provides printer status information, such as printer state, fonts installed, and job status.

About This Manual

This manual provides information on the features and capabilities of the remote console. The features and capabilities available through remote console vary depending on your system setup and your printer options. This manual describes how to start a remote console session and explains the remote console modes and commands.

 располагает терминалом, через который пользователь обменивается с принтером. Функция консоли на принтерах Crown позволяет пользователям или системным администраторам получать доступ к информации, настраивать конфигурацию принтера, или изменять конфигурацию принтера с удаленной консоли.

Для принтеров Crown, поддерживаемых функцией удаленной консоли, удаленная консоль — терминал, подключенный по TCP/IP Telnet. Консоль представляет собой текстовый терминал с 24 строками по 80 символов, предоставляющий информацию о состоянии принтера, установленных шрифтах и статусе заданий.

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Typographic Conventions

The following conventions are used throughout this manual:

<table>
<thead>
<tr>
<th><strong>Mixed-Case Courier</strong></th>
<th>Text you type, and messages and information displayed on the console.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mixed-Case Italic Courier</strong></td>
<td>Variable text you type in the examples; replace the italicized word(s) with information specific to your printer or computer.</td>
</tr>
</tbody>
</table>
### Starting a Remote Console Session

Depending on your system and your network interface, you have one of three ways to start a remote console session.

- If you have a CrownNet interface card, see the appropriate chapter of the *Crown Book*, which is included on a disk in your CrownNet shipment.
- If you are not using CrownNet and are in a UNIX environment, use the Telnet protocol described in this manual.
- If you are not using CrownNet and are working with a DECnet setup, use the PS Executive Series Utilities for VMS as described in this manual.

---

<table>
<thead>
<tr>
<th>Mixed-Case Bold Italic Courier</th>
<th>Text you type in the examples.</th>
</tr>
</thead>
<tbody>
<tr>
<td>lowercase bold</td>
<td>Remote console commands in the text.</td>
</tr>
<tr>
<td>lowercase italic</td>
<td>Variable information in text and command variables.</td>
</tr>
<tr>
<td>J</td>
<td>Press the Enter (or Return) key.</td>
</tr>
<tr>
<td>Command</td>
<td>Command syntax.</td>
</tr>
<tr>
<td>Purpose</td>
<td>The task that the command or parameter is designed to accomplish.</td>
</tr>
<tr>
<td>Mode</td>
<td>Console mode required to execute the command.</td>
</tr>
<tr>
<td>Note</td>
<td>Tips, extra information, or important information that deserves emphasis or reiteration.</td>
</tr>
<tr>
<td>Example</td>
<td>Depiction of how the command looks when typed on the console and the resultant output.</td>
</tr>
</tbody>
</table>

---

2
Whether you use a VMS host through PS Executive for VMS or a TCP/IP host with Telnet commands, remote console works the same once you are in the session.

Starting a Telnet Session

With No Password Set

Passwords can be set or changed only through the printer’s control panel. See your printer user’s guide for more information on passwords.

To start a remote console session when no operator password is set, do the following:

Use the `telnet` command to connect to the printer. At the system prompt, type

```
telnet printername
```

replacing `printername` with the name of the printer you are using. (This name is assigned by the system administrator in the HOSTS file.) Once the console session is opened, you can view the settings of the printer.

When opening a console session, messages like Trying... and Connected... appear on the screen to show progress. When the connection is complete, a prompt with your printer name and the current printer status appears. The messages you may see when opening a console session vary according to your system protocol.

For example, if you are using a `magicolor 6100` Print System, the screen looks similar to the following:

```
QMS CrownNet Rev 5.40FE
QMS magicolor 6100;Release 2.0.1;Processor IDT64474_5; Crown,0;

QMS Console Manager
magicolor 6100->
magicolor 6100->Idle
magicolor 6100->
```

With a Password Set

Passwords can be set or changed only through the printer’s control panel. See your printer user’s guide for more information on passwords.
If the operator password is enabled, you are prompted to enter it before you can use remote console. The password is case-sensitive and can have up to 16 characters. If you enter an invalid password, the connection to remote console closes automatically.

This example shows how a session is closed automatically when the wrong password is used:

```
[@venus, 40] telnet 6100
Trying 161.33.128.183 ...
Connected to 6100.
Escape character is '^]'.
QMS Console Manager
magicolor 6100->
Enter Password :A0012
*** Invalid password ***
Connection closed by foreign host.
```

This is an example of how a session begins with a correct password:

```
[@venus, 41] telnet 6100
Trying 161.33.128.183 ...
Connected to 6100.
Escape character is '^]'.
QMS Console Manager
magicolor 6100->
Enter Password :A100
magicolor 6100->Idle
magicolor 6100->
```

You have now entered a remote console session. Now see “Remote Console Commands” on page 10 for information on using remote console.

**If You Cannot Start a Telnet Session**

There are two situations where an attempt to start a Telnet session may fail:

1. The maximum number of remote console sessions that can be open at the same time has been reached.

   The system allows a maximum number of remote console sessions to be open at the same time. If this number is reached, the system rejects further requests for new con-
sole sessions. For most systems, the maximum number is nine, including local consoles where applicable.

Wait until one of the nine sessions is available and try again.

2 The system is busy.

If a positive acknowledgment to a request for opening a remote console session is not received by the daughterboard within a given time limit (which depends on the daughterboard and communication protocol being used), the daughterboard cancels the request. This may occur when the system is very busy.

Try again when the system is not busy.

Starting a DECnet Session

To use remote console on a DECnet setup, do the following:

1 Have your system administrator install the PS Executive for VMS on your system.

2 Use the VMS utilities to connect to the printer.

With your system running, go to the VMS prompt. Then, type the following:

RUN SYS$SYSTEM:QMS$PSEXEC

The first screen in PS Executive prompts you for the nodename of the printer.

$RUN SYS$SYSTEM:PSEXEC
What is the printer nodename–>

3 Enter the nodename for the printer whose settings you want to view.

This name was assigned to the printer by the system administrator during client software installation. If you do not know the nodename, ask your administrator or use the method appropriate to your environment.

- In a Phase IV environment, type:

  $ MC NCP SHOW KNOWN NODES

  This command lists your accessible nodes.

- In a Phase V environment, if you used the local name space configuration when setting up the printer originally, check the text file sys$s$sys-root:[sysexe]decnet_loc_node_definitions.txt.
In a Phase V environment, if you used the distributed name space configuration when setting up the printer originally, check with your system administrator for the nodename.

You can view the settings of only one printer at a time. If you have other printers connected to the client, you must exit from PS Executive before viewing others.

Once you enter the nodename, the following PS Executive Main menu appears:

```
MAIN MENU
Start Remote Console Session
Show Printer Counters
Show Printer Location
Exit PS Executive
```

Use arrow keys and <RETURN> to select

If you accidentally enter an invalid nodename or one that is valid but not for a printer (such as another VAX node), various messages or prompts appear depending on what was entered. Until you enter a correct nodename, you cannot open PS Executive to use remote console.

4. Select Start Remote Console Session at the top of the screen.

A Remote Console Session screen similar to the following appears.

```
REMOTE CONSOLE SESSION
QMS Console Manager
magicolor 6100->
magicolor 6100->Idle
```

When the connection to the printer is complete, a prompt with your printer name and the current printer status, such as Idle or Spooling, appears. In this example, a magicolor 6100 Print System is used. The status message, Idle, is the same as the display in the printer’s message window.

You are now ready to use remote console (see “Using Remote Console” on page 10).

If the operator password for your printer is enabled, you are prompted to enter it before you can use remote console. If you enter an invalid password, the connection to remote console closes automatically. Passwords can only be set or changed through the printer’s control panel. See your printer user’s guide for more information on passwords.
Message Display and Console Modes

The console can operate in several modes and can either have status displayed or not displayed to the screen. The following sections describe these modes.

Local and Remote Consoles

The console is a simple, line-oriented display of 24 lines of 80 characters. To list the available console commands, type `?` on the console keyboard.

Message Display Mode

The message display mode can be set to either silent or normal. The default for displaying status on a remote console is normal. When the message display mode is enabled and set to normal, conditions that require user intervention appear on a local or remote console. The TCP/IP Accounting/Reverse Channel messages (if available) are seen in normal mode, but not in silent mode.

For example, status messages may indicate that paper is low, output bins are full, or a paper jam has occurred. Status messages are displayed each time the user presses the Enter key to ensure that they do not scroll off the screen. When the problem is cleared, the following message displays:

  Printer Ready

The printer reports any changes of the printer's status to a console. These changes include the following:

1. Changes of printer status:
   - Starting a new job.
   - Paper jam, low toner, low paper.
   - System is idle or offline.

2. Error messages generated when printing a document.

You can choose to allow or disallow these messages to be displayed on the console by setting the message display mode to silent or normal with the commands `silent` and `normal`:
silent
Set the console to silent mode. No message is displayed. In silent mode, pressing Enter causes any outstanding message (like paper jam or low toner) to be echoed to the screen.

normal
Set the console to normal mode to display all messages.

The initial message display mode of a console session is different from product to product.

With message display on, if a remote console session is active while a job is active on the printer, the console screen displays

```
magicolor 6100->
magicolor 6100->Idle
magicolor 6100->NO ERROR
magicolor 6100->Starting job 00078[Owner:collinst, Name: part numbers......]
magicolor 6100->Input Idle Printing
```

Console Mode
System users and the system administrator use the console for different purposes. System users use the console to check print job status, cancel print jobs, or check certain printer configuration settings. (See “User/Offline Mode Commands” on page 11 for a list of commands available to users.) The system administrator uses the console more extensively for printer configuration and file system management. (See “Admin Mode Commands” on page 12 for a list of the commands available to the administrator.

The console can operate in one of the following modes. The console prompt indicates what mode the console is operating in.

- User mode
  This is the initial mode when a console session is opened. It is indicated with the user prompt:

  magicolor 6100->

- Offline mode
Use the **offline** command to put the printer offline for service, like adding paper or toner. It is indicated with the offline prompt:

```
offline->
```

⚠️ *The console’s offline mode does not allow you to access the configuration menus. The console’s admin mode, like the printer control panel’s offline mode, allows system administrators to access the configuration menus to change the printer configuration.*

#### Admin mode

Administrators can use the **admin** command to take the printer off line and enter the admin mode to configure the printer. Only one console session can be in admin mode at a time. This mode is indicated with the admin prompt:

```
admin->
```

If the administrator password is enabled, you are prompted to enter it before you can access admin mode. Usually this password is set by the system administrator through the printer control panel using a security card or a security disk, depending on your system. If you enter an invalid password, an

```
***Invalid password ***
```

message displays, and then the remote console prompt displays.

If the printer is idle when you enter the admin mode, the printer is automatically taken offline and the prompt changes to

```
offline->
```

#### Blocked mode

A console is in blocked mode when the administrator or another user is in admin mode or offline mode, or when the printer is put in offline mode from the printer control panel. It is indicated with the following:

```
System Offline
offline->
```

The current mode of the console determines the type of command you can execute. For a list of commands allowed in admin, user, offline, and blocked modes, type `help` or the shorthand version, `?`. See “Remote Console Commands” on page 10 for more information.
Commands for Switching Among Console Modes

<table>
<thead>
<tr>
<th>Switch from Mode</th>
<th>Switch to Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>User</td>
<td>Offline</td>
</tr>
<tr>
<td>Offline</td>
<td>online</td>
</tr>
<tr>
<td>Admin</td>
<td>exit</td>
</tr>
</tbody>
</table>

A console in blocked mode returns to user mode when the system is on line. See “User/Offline Mode Commands” on page 11 for more specific information on each of these commands.

Using Remote Console

Whether you use a VMS host through the PS Executive for VMS or a TCP/IP host with Telnet commands, Remote Console works the same once you are in the session. Depending upon how the system administrator sets up access privileges, password security, and disk drives, some or all of the commands in the “Remote Console Commands” section may be available for you to use.

Options with an \( n \) parameter allow you to specify a job number. For example, if you enter cancel without the parameter, all jobs in the queue are canceled. To cancel just one job, replace the \( n \) with the job number.

Also, the following commands are available in the admin mode only if the printer you are using has a disk drive: cd, copy, cp, del, rem, format, ls, dir, pwd, rename, and mv.

Remote Console Commands

The following sections describe the Remote Console commands. Some commands have a shorthand version. For example, \( ? \) is shorthand for the help command. In the descriptions in the following section, shorthand commands are shown in parentheses: \( ? \). The console
displays 24 lines of 80 characters. The commands displayed depend on your remote console mode of operation.

**User/Offline Mode Commands**

In the default user mode and the offline mode, only a subset of the console commands is available. Commands accessible from user and offline modes are shown in the following table:

<table>
<thead>
<tr>
<th>User/Offline Mode Commands</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>admin</strong></td>
</tr>
<tr>
<td><strong>cancel n</strong></td>
</tr>
<tr>
<td><strong>fonts</strong></td>
</tr>
<tr>
<td><strong>help (?)</strong></td>
</tr>
<tr>
<td><strong>jobs n</strong></td>
</tr>
<tr>
<td><strong>languages</strong></td>
</tr>
<tr>
<td><strong>next n</strong></td>
</tr>
<tr>
<td><strong>normal</strong></td>
</tr>
<tr>
<td><strong>offline</strong></td>
</tr>
<tr>
<td><strong>online</strong></td>
</tr>
<tr>
<td><strong>order j1 j2</strong></td>
</tr>
<tr>
<td><strong>printsetup</strong></td>
</tr>
<tr>
<td><strong>priority j p</strong></td>
</tr>
<tr>
<td><strong>quit</strong></td>
</tr>
<tr>
<td><strong>silent</strong></td>
</tr>
<tr>
<td><strong>time</strong></td>
</tr>
<tr>
<td><strong>who</strong></td>
</tr>
</tbody>
</table>

- **admin** Enter console administrative mode, if you have administrative privileges.
- **cancel n** Cancel job in progress (or specific job n).
- **fonts** List available fonts.
- **help (?)** Display help menu.
- **jobs n** Display job queue (or details of specific job n).
- **languages** Display the emulation selection menu.
- **next n** Print job number n next.
- **normal** Enable error/status reporting.
- **offline** Take printer off line. (Not available in offline mode.)
- **online** Put printer on line. (Not available in user mode.)
- **order j1 j2** Print job number j1 before job number j2.
- **printsetup** Print status page(s).
- **priority j p** Change job j’s printing priority to priority number p.
- **quit** Quit the console session.
- **silent** Disable error/status reporting.
- **time** Display the current date and time.
- **who** Display a list of who is logged into the console server.

**Blocked Mode Commands**

In the blocked mode, only a subset of the user commands is available. Commands accessible from blocked mode are shown in the following table:

<table>
<thead>
<tr>
<th>Blocked Mode Commands</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>cancel n</strong></td>
</tr>
</tbody>
</table>

- **cancel n** Cancel job in progress (or specific job n).
Admin Mode Commands

If you have administrator privileges, you can enter admin mode. The commands accessible from admin mode are shown in the following table:

### Administrator Commands

- **admin**
  - Enter console administrator mode, if you have administrative privileges.
- **cancel n**
  - Cancel job in progress (or specific job n).
- **cd**
  - Change directory.
- **config**
  - Configure printer.
- **copy (cp)**
  - Copy file.
- **del (rm)**
  - Delete file.
- **exit**
  - Exit console administrator mode.
- **fonts**
  - List available fonts.
- **format**
  - Format hard disk.
- **help (?)**
  - Display the help menu.
- **jobs n**
  - Display job queue (or details of specific job n).
- **languages**
  - Display the emulation selection menu.
- **ls, dir**
  - List files.
<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>next ( n )</td>
<td>Print job number ( n ) next.</td>
</tr>
<tr>
<td>normal</td>
<td>Enable error/status reporting.</td>
</tr>
<tr>
<td>order ( j1 \ j2 )</td>
<td>Print job number ( j1 ) before job number ( j2 ).</td>
</tr>
<tr>
<td>printsetup</td>
<td>Print status page(s).</td>
</tr>
<tr>
<td>priority ( j \ p )</td>
<td>Change job ( j )’s printing priority to priority number ( p ).</td>
</tr>
<tr>
<td>pwd</td>
<td>Print working directory.</td>
</tr>
<tr>
<td>quit</td>
<td>Quit the console session.</td>
</tr>
<tr>
<td>reboot</td>
<td>Reboot the printer.</td>
</tr>
<tr>
<td>rename (mv)</td>
<td>Rename file.</td>
</tr>
<tr>
<td>reset</td>
<td>Reset the printer configuration to the factory default settings.</td>
</tr>
<tr>
<td>resetaccount</td>
<td>Reset the accounting information.</td>
</tr>
<tr>
<td>settime</td>
<td>Set the date and time.</td>
</tr>
<tr>
<td>silent</td>
<td>Disable error/status reporting.</td>
</tr>
<tr>
<td>time</td>
<td>Display the current date and time.</td>
</tr>
<tr>
<td>who</td>
<td>Display a list of who is logged into the console server.</td>
</tr>
</tbody>
</table>

### Print Job Status Information

When using the remote console commands, information displayed on the console may contain any of the following terms.

- **Cancelled**: The job has been cancelled.
- **Interface**: The interface through which the job is received.
- **Interpreting**: The job is compiling.
- **Job**: The job’s identification number.
- **Owner**: The owner of the job.
- **Page**: The number of logical pages (page images) printed (how many sides, such as in duplex printing).
- **Printed**: The job is done; all pages are printed.
- **Printing**: The job is printing.
- **Prio**: The job’s printing priority. Jobs with bigger priority numbers print first. Jobs with the same priority print in order of arrival.
- **Sheet**: The number of physical pages (sheets of paper) printed.
<table>
<thead>
<tr>
<th>Spooled</th>
<th>The printer has received all data for the job.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spooling</td>
<td>The printer is receiving data for the job.</td>
</tr>
<tr>
<td>Status</td>
<td>The current status of the job.</td>
</tr>
<tr>
<td>Terminating</td>
<td>The job is about to finish.</td>
</tr>
<tr>
<td>Title</td>
<td>The title of the file.</td>
</tr>
</tbody>
</table>

**System Information Commands**

The system commands allow you to perform system tasks, such as access help, access font information, print a status page, display the time, display the available emulations, check the console sessions, and display active print jobs.

**Accessing Help**

<table>
<thead>
<tr>
<th>Command</th>
<th>Purpose</th>
<th>Mode</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>help (?)</td>
<td>Display the commands accessible in a given console mode. To access a specific mode's help, you must first be in that mode, and then enter the help command at the magicolor 6100 –&gt; prompt.</td>
<td>user, admin, offline</td>
<td>If you have administrator privileges, you can enter the admin mode and display help that lists the following commands, plus others which pertain only to the admin mode. See “Console Mode” on page 8, for information on how to access the admin mode.</td>
</tr>
</tbody>
</table>

**Example**

```
magicolor 6100 –> help
```

- **jobs n** - Display job queue. With n, display details on job n
- **fonts** - List available fonts
- **cancel n** - Cancel job in progress (or specific)
- **printsetup** - Print status page(s)
- **offline** - Take printer off line
- **online** - Bring printer on line
- **admin** - Enter console administrative mode
- **help (?)** - Help menu
- **time** - Display the current date and time
- **languages** - Display the emulation selection menu
who              - Who is logged in on the console server
quit            - Quit console session
normal          - Enable error/status reporting
silent           - Disable error/status reporting
priority j p    - Change j's printing priority to p
order j1 j2     - Print j1 before j2
next n          - Print job n next

Accessing Font Information

Command fonts (f)
Purpose Display a menu that allows you to view the fonts available from an emulation currently installed in the printer.
Mode user, admin, offline
Notes If optional emulations and fonts are installed, they appear also. The value listed in [ ] is the default value and can be entered by pressing the Enter key ↵. If you enter the number that corresponds to the desired emulation, the list of available fonts for that emulation appears with the available font sizes.
Example magicolor 6100->fonts:

List fonts for:
1. postscript
2. pdf
3. pclxl
4. pc15e
5. hpgl
0. Exit menu

Chose one [0]: 4 ↵

##FONT S##
54

Font: Courier; Standard; Selection Index 0
Font: Courier Italic; Standard; Selection Index 1
Font: Courier Bold; Standard; Selection Index 2
Font: Courier Bold Italic; Standard; Selection Index 3
Font: Albertus Medium; Standard; Selection Index 4
Printing Status Page

Command: printsetup (s)
Purpose: Print a status page to the printer. Status page information varies depending on the printer.
Mode: user, offline, admin
Notes: The status page lists printer information. See your printer user's guide for more information on the status page.

Example:
- magicolor 6100
- printsetup
- Status page(s) queued to print
- magicolor 6100
- Idle
- magicolor 6100
- Input Idle Printing

Displaying the Time

Command: time (t)
Purpose: Display the current time on the printer system clock.
Mode: user, offline, admin
Notes

On most Crown printers, if the time and date are incorrect, they can be changed through the admin mode settime command. See “Setting the System Clock Time” on page 30.

Available only on systems with real-time clocks.

Example

magicolor 6100->time."

Thur Jan 20, 1994 15:03:12

Accessing the Printer Emulation

Command

languages (l)

Purpose

Display a menu that allows you to view the current setup for a selected emulation.

Mode

user, offline, admin

Notes

The value in brackets [ ] is the current value for the selection. This is a display only command. You cannot change the language setting using this command. Not all the options shown in this example are available on all printers. Only the options for your printer will appear on the remote console display.

Example

magicolor 6100->languages."

Emulations

1. ESP Default
2. Postscript
3. PCL 5e
4. HP-GL
5. LinePrinter
0. Exit menu

Choose one [0]: 2."

Postscript

1.Color Rendering
2. Halftone Type
0. Exit menu

Choose one [0]: 1."

Color Rendering:

1. Business
2. Colormetric
3. Photographic

Current selection is [3]

Press Enter to continue."
**Listing Current Remote Console Sessions**

<table>
<thead>
<tr>
<th>Command</th>
<th>who (w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>List all the current remote console sessions and their modes.</td>
</tr>
<tr>
<td>Mode</td>
<td>user, offline, admin</td>
</tr>
</tbody>
</table>
| Example  | magicolor 6100→who
**** Session open status ****
Session 0 -- user mode |
# Displaying the Active Jobs

**Command**  
`jobs (j) n`

**Purpose**  
Display a list of active print jobs and the last 5 terminated jobs (when applicable). Active jobs and printed jobs are separated by a dashed line. With `n`, display details on job `n`.

**Mode**  
user, offline, admin

**Notes**  
This command allows the system administrator to monitor the activity of the printer. For example, you can tell how many files are left to print.

**Example**  
If there are active jobs, the display may look like this:

```

text here ...
```

If there is no active job, the display may look like this:

```
```
Job Ordering Commands

Job ordering commands are used to set the order and priority of jobs and to cancel jobs.

Changing Job Priority

Command: priority (jp) \( n_1 n_2 \)

Purpose: Set the printing priority of a job to advance/delay the printing of a given job by priority order.

Mode: user, offline, admin
Notes

The valid range of priority values are 1 to 100. A negative priority value causes an ***Incorrect entry*** error message to display. A priority greater than 100 is reset to 100. A priority value of 0 is reset to 1.

Example

See below

Initial printing order:

<table>
<thead>
<tr>
<th>Job</th>
<th>Status</th>
<th>Prio</th>
<th>Owner</th>
<th>Title</th>
<th>Interface</th>
<th>Sheet</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>027</td>
<td>Terminating</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0001</td>
<td>0001</td>
</tr>
<tr>
<td>028</td>
<td>Interpreting</td>
<td>0001</td>
<td>stdin(ditroff)</td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
<td></td>
</tr>
<tr>
<td>029</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>030</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>031</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>032</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>033</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>034</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>035</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>036</td>
<td>Spooled</td>
<td>0001</td>
<td>stdin(ditroff)</td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
<td></td>
</tr>
<tr>
<td>037</td>
<td>Spooled</td>
<td>0001</td>
<td>stdin(ditroff)</td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
<td></td>
</tr>
<tr>
<td>038</td>
<td>Spooled</td>
<td>0001</td>
<td>stdin(ditroff)</td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
<td></td>
</tr>
<tr>
<td>039</td>
<td>Spooled</td>
<td>0001</td>
<td>stdin(ditroff)</td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
<td></td>
</tr>
</tbody>
</table>

-------------------------------------------------------------------------

<table>
<thead>
<tr>
<th>Job</th>
<th>Status</th>
<th>Prio</th>
<th>Owner</th>
<th>Title</th>
<th>Interface</th>
<th>Sheet</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>022</td>
<td>Printed</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0010</td>
<td>0010</td>
</tr>
<tr>
<td>023</td>
<td>Printed</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0001</td>
<td>0001</td>
</tr>
<tr>
<td>024</td>
<td>Printed</td>
<td>0001</td>
<td>stdin(ditroff)</td>
<td>Ethernet 1</td>
<td>0001</td>
<td>0001</td>
<td></td>
</tr>
<tr>
<td>025</td>
<td>Printed</td>
<td>0001</td>
<td></td>
<td></td>
<td>Ethernet 1</td>
<td>0001</td>
<td>0001</td>
</tr>
<tr>
<td>026</td>
<td>Printed</td>
<td>0001</td>
<td>stdin(ditroff)</td>
<td>Ethernet 1</td>
<td>0023</td>
<td>0023</td>
<td></td>
</tr>
</tbody>
</table>

End of job query

Changing printing priority of job 33 to 10:

*magicolor 6100–>priority 33 10*

*.magicolor 6100–>*

---

21
Changing Job Order

Command: order (j) n1 n2
Purpose: Set a given job to print before another job.
Mode: user, offline, admin
Example: Set job 39 to print before job 31:
magicolor 6100→order 39 31.
New printing order:

```bash
magicolor 6100
```
Printing a Job Next

Command next (nt) n
Purpose Set a given job to be printed next.
Mode user, offline, admin
Example Setting job 37 to be printed next:
magicolor 6100
−> next 37
New printing order:
magicolor 6100−>j
magicolor 6100−>

<table>
<thead>
<tr>
<th>Job</th>
<th>Status</th>
<th>Prio</th>
<th>Owner</th>
<th>Title</th>
<th>Interface</th>
<th>Sheet</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>037</td>
<td>Spooled</td>
<td>0001</td>
<td></td>
<td>stdin (ditroff)</td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
<tr>
<td>039</td>
<td>Printing</td>
<td>0001</td>
<td></td>
<td>stdin (ditroff)</td>
<td>Ethernet 1</td>
<td>0000</td>
<td>0000</td>
</tr>
</tbody>
</table>

End of job query
Cancelling a Job

Attention

If you use the cancel command without specifying a job ID, it will cause all active processing jobs to be canceled.

<table>
<thead>
<tr>
<th>Command</th>
<th>Purpose</th>
<th>Mode</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>cancel n (c)</td>
<td>Cancel printing the current job(s) or a specific job.</td>
<td>user, offline, admin</td>
<td>When the cancel command is entered with a job ID, the specified job is canceled. For example, the command cancel 7, cancels job 7. When the cancel command is entered with no job ID specified, all jobs with the printing, interpreting, or terminating status are canceled. You can use the jobs command to find the job ID or status of any job in the system.</td>
</tr>
</tbody>
</table>

Example

To cancel the current job:
magicolor 6100--->cancel
magicolor 6100-->cancelling Job
To cancel job number 41:
magicolor 6100--->cancel 41
magicolor 6100-->cancelling Job
Disk Operation Commands

The commands in this section are available only when a disk drive is attached to your printer. The Disk Operations commands may use the following root directory on the printer to manipulate files: DSK#/USR/xxxxxxxx (where # represents a disk ID number in the 1 to 7 range and xxxxxxxx represents a user-created subdirectory.) See the cd, copy (cp), rename (mv), and del (rm) commands for specific directory information.

Path Name Legend

| . | current directory |
| .. | parent directory |

File and Directory Name Rules

- File and directory names are composed of a root name of up to 8 characters and an extension name of up to 3 characters.
- The name is not case-sensitive; file name ABC.doc is the same as abc.doc.
- Wild card characters * and ? in file names are not supported with the exception of the following:
  - cp source_directory/* destination_directory
  - rm directory/*
- Commands like dir *.txt and cp bin/* usr are invalid.

Changing the Current Device

| Command  | cd DSK#:/usr |
| Purpose  | Change to a new hard disk |
| Mode     | admin |
| Notes    | This command has no effect if the corresponding device is not available. This command works in the DSK#: (# represents a disk in the range of 1 to 7), |
Example: Change directory:

admin->cd DSK6
admin->Idle

Show the current path of the device:

admin->pwd
DSK6/

Displaying the Current Working Directory

Command: pwd
Purpose: Display the current working directory.
Mode: admin
Notes: This command appears only if a disk drive is available on the printer you are using.
Example: admin->pwd
DSK6:USR

Displaying Directory Contents

Command: dir (ls)
Purpose: Display the contents of the current directory or a given directory.
Mode: admin
Notes: This command appears only if a disk drive is available on the printer you are using.
Example: Current directory:

admin->ls
BIN.<DIR>01-19-1994 15:42:01
SYSTEM.DL 38174000 19-199415:50:01
TMP.<DIR>01-19-199415:53:01
SPOOL.<DIR>01-19-199415:53:01
FONTS.<DIR>01-19-199415:55:01
ROM.DL405448801-20-199414:30:01
Specific directory:
admin->ls dsk6:/usr.
..<DIR>01-19-199415:42:01
...<DIR>01-19-199415:42:01
ACC.DIC688401-21-199413:27:01
ACC.STA15001-21-199412:46:01
ACC1.JOB688401-21-199413:27:01
ACC.PAP15001-21-199412:46:01

Changing the Working Directory

Command       cd
Purpose        Change to a new working directory.
Mode           admin
Notes          This command appears only if a disk drive is available on the printer you are using. This command works in the DSK#:USR/xxxxxxxx directory. (# represents a disk in the range of 1 to 7 and xxxxxxxx represents a user created subdirectory.)
Example        Change directory:
admin->cd usr.
admin->Idle
List contents of directory DSK6:/usr:
admin->ls.
..<DIR>01-19-199415:42:01
...<DIR>01-19-199415:42:01
ACC.DIC688401-21-199413:27:01
ACC.STA15001-21-199412:46:01
ACC1.JOB688401-21-199413:27:01
ACC.PAP15001-21-199412:46:01
Change to Parent Directory
admin->cd ...
Change to Root Directory
admin->cd.

Copying a File

Command       copy (cp)
Purpose        Copy the contents of a file to a new file.
Mode | admin
---|---

Notes | You may use the following shortcut to copy all files from one directory to another:

```
cp source_directory/* destination_directory
```

This command appears only if a disk drive is available on the printer you are using. This command works in the DSK#:USR/xxxxxxx directory (where # represents a disk in the range of 1 to 7 and xxxxxxxx represents a user created subdirectory).

Example | Initial content of directories usr and bin:

```
admin->dir usr.
..<DIR>01-19-199415:42:01
...<DIR>01-19-199415:42:01
ACC.DIC688401-21-199413:27:01
ACC.STA15001-21-199412:46:01
ACC1.JOB688401-21-199413:27:01
ACC.PAP15001-21-199412:46:01
```

```
admin->dir bin.
..<DIR>01-19-199415:42:01
...<DIR>01-19-199415:42:01
FE.<DIR>01-19-199415:42:01
EMULATE.<DIR>01-19-199415:42:01
DIAGS.<DIR>01-19-199415:43:01
NVR.<DIR>01-19-199415:43:01
```

Copy file DSK6:/usr/acc.pap to DSK6:/bin/acc.bak:
```
admin->copy usr/acc.dic bin/acc.bak.
```

Copying data...

```
New content of directory bin:
admin->dir bin.
..<DIR>01-19-199415:42:01
...<DIR>01-19-199415:42:01
FE.<DIR>01-19-199415:42:01
EMULATE.<DIR>01-19-199415:42:01
DIAGS.<DIR>01-19-199415:43:01
NVR.<DIR>01-19-199415:43:01
ACC.BAK688401-21-199414:13:01
```
Renaming a File

Command: rename (mv)
Purpose: Change the current name of a file to a new name. If the new name specifies a different directory, the file is moved to that directory.
Mode: admin
Notes: The new directory must already exist. If it does not exist you will receive a file name is invalid error message, in which case you need to create the directory using FTP. The command works on files only. Directories cannot be renamed with this command.

Example:

Rename file acc.bak to acc.old in the same directory:
admin->mv acc.bak acc.old

Rename file acc.bak to acc.old and move it to the parent directory:
admin->mv acc.bak ../acc.old

Move the file acc.bak to subdirectory backup without changing its name:
admin->mv acc.bak backup/acc.bak

Deleting a File

Command: del (rm)
Purpose: Delete a file.
Mode: admin
Notes: This command works in the DSK#/USR/xxxxxxx directory. (# represents a disk in the range of 1 to 7 and xxxxxxxx represents a user created subdirectory.) This command displays only if a disk drive is available on the printer you are using.

Example:

admin->del acc.bak
**Formatting a Hard Disk**

<table>
<thead>
<tr>
<th>Command</th>
<th>format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>Format a hard disk.</td>
</tr>
<tr>
<td>Mode</td>
<td>admin</td>
</tr>
<tr>
<td>Notes</td>
<td>This command displays only if a disk drive is available on the printer you are using. The value in brackets [ ] is the current value for the selection.</td>
</tr>
<tr>
<td>Example</td>
<td>Format hard disk 6: admin-&gt;format DSK6.↓ Format disk:DSK6 Continue (N=no, Y=Yes) [N]:y.↓ admin-&gt;Idle</td>
</tr>
</tbody>
</table>

**System Setting Commands**

**Setting the System Clock Time**

<table>
<thead>
<tr>
<th>Command</th>
<th>settime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>Set the date and time of the system clock.</td>
</tr>
<tr>
<td>Mode</td>
<td>admin</td>
</tr>
<tr>
<td>Notes</td>
<td>This command displays only if a disk drive is available on the printer you are using. The value in brackets [ ] is the current value for the selection. The command is available only on systems with real-time clocks.</td>
</tr>
</tbody>
</table>
Setting the Console to Normal Message Display Mode

Command: normal (n)
Purpose: Set the console to normal message display mode to display any message the system reports to the console. See “Message Display and Console Modes” on page 7.
Mode: user, offline, admin
Example: magicolor 6100->normal

Setting the Console to Silent Message Display Mode

Command: silent (s)
Purpose: Set the console to silent message display mode to ignore any message the system reports to the console. See “Message Display and Console Modes” on page 7.
Mode: user, offline, admin

Example:

admin->settime
Date of Month (1 - 31)
Enter value [20]:21
Month (1 - 12)
Enter value [1]:2
Year (1990 - 2089)
Enter value [1994]:1994
Weekday (1=Mon, 2=Tue, ..., 7=Sun)
Enter value [4]:1
Hour (0 - 23)
Enter value [15]:
Minute (0 - 59)
Enter value [48]:
Second (0 - 59)
Enter value [58]:
admin->Idl
admin->
admin->Idl

Enter the time command to verify the new time:
admin->time
Thur Feb 21, 1994 15:48:12
admin->Idl
Removing All Accounting Records

**Command**
resetaccount (ra)

**Purpose**
Remove all accounting records from the system.

**Mode**
admin

**Notes**
This command is not available on all MINOLTA-QMS printers. The value in brackets [ ] is the current value for the selection.

**Example**
admin−>resetaccount
Reset accounting information (y/n) [n]:y
admin−>Idle
admin−>
*** Resetting accounting...
*** Creating accounting job file(s), please wait ...
*** Created file
*** Creating paper accounting file, please wait ...
*** Created file

Resetting to Factory Default Settings

**Command**
reset

**Purpose**
Reboot the system and reset the system configuration to factory default settings. All console sessions are terminated and the terminals are frozen until the system is back on line.

**Mode**
admin

**Notes**
Any job in the system is lost after the reboot, and the current system configuration settings are replaced with factory default settings or the saved custom default settings. The value in brackets [ ] is the current value for the selection.

**Example**
admin−>reset
Reset printer configuration (y/n) [n]: y
Printer configuration reset
admin−>Idle
admin−>
Connection closed by foreign host.
[b@boris, 36]

Accessing the Printer Configuration Menu

**Command**
config (menu)
Purpose: Access the printer configuration menu to review and change settings.

Mode: admin

Notes: The value in brackets [ ] is the current value for the selection. If you want to change that value, enter the desired value after the colon (:). The higher-level menu defaults are 0's. This allows you to exit from the menu in the same order as you entered it.

Passwords can only be set or changed through the printer’s control panel.

The config command accesses the printer configuration menu, which may vary depending on your printer (not all options are available on all MINOLTA-QMS printers). It accesses the same printer configuration menu that is available through the control panel for your specific printer. When you are in the printer configuration menu, you can press the Return key to return to the user mode or you can press the Return key to advance one menu level with the following exception: when the data type for a field is a character string. In this case, anything you enter is accepted as data for that field.

See your printer user’s guide and Crown Book for more information on passwords and the configuration menu options that are available on your printer.
Example

Use config to enter the configuration menu:
admin->config.

Configure the operator control menu options:
Printer Configuration
1. Operator Control
2. Administration
0. Exit menu
Choose one [0]: 1

Press the Enter key or type 1, and the operator control options appear:
Operator Control
1. Copies
2. Duplex
3. Tumble Duplex
4. Collation
5. Orientation
6. Inputbin
7. Outputbin
8. Chain Inputbins
9. Offset Stacking
10. Stapling
11. Accounting
0. Exit menu
Choose one [0]:

If an operator control menu password is enabled, you are prompted to enter it:
Printer Configuration
1. Operator Control
2. Administration
0. Exit menu
Choose one [0]: 1
Enter Password:
Enter value [ ]:
Configure the administration menu options:
Printer Configuration
1. Operator Control
2. Administration
0. Exit menu
Choose one [0]: 2

Press the Enter key or type 2, and the Administration menu options appear:
Administration
1. Communications
2. Emulations
3. Special Pages
4. Startup Options
5. Memory
6. Engine Setup
7. Miscellaneous
8. Disk Operations
0. Exit menu
Choose one (0):

If administration password protection is enabled, you are prompted to enter the administration password:
Printer Configuration
1. Operator Control
2. Administration
0. Exit menu
Choose one [0]: 2
Enter Password:
Enter value [: ]:

---

**System Console Mode Switching Commands**

**Putting the System Off Line (from User Mode)**

<table>
<thead>
<tr>
<th>Command</th>
<th>offline (o)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>Switch the console from user mode to offline mode and take the system off line. The system enters blocked mode.</td>
</tr>
<tr>
<td>Mode</td>
<td>user</td>
</tr>
<tr>
<td>Notes</td>
<td>Entering the online command returns you to user mode.</td>
</tr>
</tbody>
</table>
Putting the System On Line (from Offline Mode)

Example

magicolor 6100-->offline
offline-->Idle

If the system is busy, the following message appears:
Waiting for idle...Enter "online" to return to operator mode online

Putting the System Off Line, Going to Admin Mode

Example

magicolor 6100-->

Put the system on line.

Purpose
Switch the console from offline mode to user mode and put the system on line.

Mode
offline

Example

offline-->online.
magicolor 6100-->idle

Put the system off line.

Purpose
Switch the console from user/offline mode to admin mode and take the system off line.

Mode
admin

Notes
Passwords can only be set or changed through the printer’s control panel. See your printer user’s guide for more information on passwords.

Example

From user mode to admin mode:
magicolor 6100-->admin.
admin-->Idle

From offline mode to admin mode:
offline-->admin
admin-->idle

If the system is busy, the following message appears:
Waiting for idle...Enter "online" to return to operator mode

Use online to return to user mode:
magicolor 6100-->online.
magicolor 6100-->
If administration password protection is enabled, a password entry prompt appears. Entering a wrong password puts the console in offline mode. You can try again with the admin command or return to user mode with the online command:

```
magicolor 6100->admin
Enter Password:00aaa
*** Invalid password ***
offline->Idle
offline->online
```

Entering the password again:
```
magicolor 6100->Idle
magicolor 6100->admin
Enter Password:00AAA
admin->Idle
admin->
```

### Put the System On Line in Admin Mode

<table>
<thead>
<tr>
<th>Command</th>
<th>exit (x)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>Switch the console from admin mode to user mode and put the system on line.</td>
</tr>
<tr>
<td>Mode</td>
<td>admin</td>
</tr>
<tr>
<td>Notes</td>
<td>When you exit from the admin mode, the offline prompt changes to the general remote console user/offline prompt, as shown in the example below.</td>
</tr>
</tbody>
</table>
| Example  | admin->exit.
magicolor 6100->idle |

### Session Termination Commands

Session Termination commands allow you to terminate the console session or reboot the whole system.

#### Terminating the Console Session

<table>
<thead>
<tr>
<th>Command</th>
<th>quit (q)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>Terminate the current console session.</td>
</tr>
<tr>
<td>Mode</td>
<td>user, offline, admin</td>
</tr>
</tbody>
</table>
Rebooting the System

<table>
<thead>
<tr>
<th>Command</th>
<th>reboot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>Reboot the system and terminate all console sessions. This is similar to the reset command, except that it does not reset the system configuration to factory default.</td>
</tr>
<tr>
<td>Mode</td>
<td>admin</td>
</tr>
<tr>
<td>Notes</td>
<td>The value in brackets [ ] is the current value for the selection. Any job in the system is lost after the reboot.</td>
</tr>
</tbody>
</table>

Example

```
magicolor 6100--->quit
Connection closed by foreign host.
[b@venus, 42]
```

For VMS users, when you quit the session, it may take several seconds for the remote link to disconnect.

---

Rebooting the System

Forced Console Termination

A system may have a daughterboard that supports a remote console connection timeout option. This option sets a console idle time limit. If no activity is detected for a session within the time limit, the session is terminated.

Certain printer configuration menu options, like memory configuration, require a system reboot to take effect. Changing these options causes the system to reboot and terminate all sessions when the user leaves the configuration menu.
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