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Manning RIP Functional Specification Version 1.21

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Note: If a security template applies to the Config Menu (see “Security Menu” on page 83), then a user must satisfy it before being able to access any setting within this menu.

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
<p>Maintenance Counter Value (see page 244)</p> <p>Note: Only appears if the “Maintenance Warning and Intervention” Configuration ID bit is enabled (see “Configuration ID 1 Bit Layout” on page 36).</p>	<p>No values exist for this operation.</p> <p>Pressing --> initiates this operation.</p>
<p>Reset Maintenance Counter (see page 248)</p> <p>Note: Only appears if the “Maintenance Warning and Intervention” Configuration ID bit is enabled (see “Configuration ID 1 Bit Layout” on page 36).</p>	<p>Reset Maintenance Counter</p>
<p>USB Scan to Local</p>	<p>Off (USB device driver enumerates as a USB Simple device (single interface))</p> <p>On (*; USB device driver enumerates as a USB Composite device (multiple interfaces))</p>
<p>Print Quality Pages (see page 247)</p>	<p>Print Quality Pages</p>
<p>Reports (see page 247)</p>	<p>Menu Settings Page</p> <p>Event Log (see page 259)</p>
<p>SIZE SENSING (see page 250)</p>	<p>Note: This is a two-level menu that displays only those paper sources that support Auto Size Sensing.</p> <p>Tray 1 Sensing</p> <p>Tray 2 Sensing</p> <p>Tray 3 Sensing</p> <p>Tray 4 Sensing</p> <p>Tray 5 Sensing</p> <p>Auto (*)</p> <p>Off</p> <p>Note: The “Auto” value in this menu corresponds to the “On” value referred to throughout this specification.</p>

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
<p>Panel Menus (see page 245) Note: Only appears if “PASSWORD (Default Only)” on page 577 is set to 0</p>	<p>On (*; menus enabled) Off (menus disabled)</p>
<p>PPDS Emulation (see page 246) Note: Only appears if PPDS supported in “Datastreams” on page 15</p>	<p>Deactivate (*) Activate</p>
<p>Download Emuls Note: This operation should not be documented in any end-user documentation (User’s Guide, Technical Reference, etc.) However the Technical Support Center should tell users how to access this operation if they are having problems with a downloaded emulator. Note: Only appears if at least one downloaded emulator (DLE) is installed See the “964.yy” IR in the Manning GUI Functional Specification for more details about possible error conditions associated with emulators.</p>	<p>Disable Note: All downloaded emulators (DLEs) are re-enabled automatically after two PORs.</p>
<p>Factory Defaults (see page 243) Note: Extreme caution should be used when using this operation as it cannot be undone. The Technical Support Center should only instruct customers to use this function as a last resort.</p>	<p>Restore Base Restore STD NET Note: “Restore STD NET” is only listed on models that have integrated network support (see “Connectivity” on page 40). Restore LES Note: “Restore LES” restores the factory default eSF configuration, meaning that all non-standard applications are removed, all framework and standard application settings are reset to their factory default values, and the SE logs are cleared.</p>
<p>Energy Conserve (see page 241) Note: Only appears if device does not support or has deactivated automatic power saver (see “Power Saver” on page 476).</p>	<p>On (*) Off Note: Only affects the values that appear for the “Power Saver” setting in “General Settings Menu” on page 121</p>

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
Min Copy Memory (see page 245)	25 (Mb*) 35 50 80 100 Note: Values from the above list only appear if the amount of installed DRAM is at least twice the amount of the value. For example, at least 200 MB of DRAM must be installed in order for the 100 MB value to display.
NumPad Job Assist	Off (*) On Note: This setting determines if a user can configure and initiate a job using the panel's hard buttons. When activated, a user can choose a function (e.g. Copy, Fax, etc.), enter specific values for a limited number of settings associated with that function, and then initiate the job with a series of key presses.
Format Fax Storage	Contents will be lost. Continue? Yes/No Note: "Yes" executes this operation; "No" cancels this operation and returns to the main Configuration Menu. This setting enables a user to format non-volatile fax storage. The "Formatting Fax Flash DO NOT POWER OFF" priority message appears while the formatting operation executes (see the Manning UI Functional Specification). At the completion of the formatting operation, the panel returns to the main Configuration Menu. Note: When executed, this operation ONLY deletes faxes that are stored in the location identified by the value of the Fax Storage Location setting.
Fax Storage Location Note: This setting only appears if a hard disk is installed. Without a hard disk installed, the device automatically stores all buffered faxes on NAND.	NAND Disk (*)

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
ADF Pick Roller Force	30 40 50 60 70 80 (50*) Note: This setting’s value applies to all scan jobs EXCEPT for those that use a Custom Scan Size for which a different force value has been defined (see “Custom Scan Sizes Menu” on page 60). Note: The value of this setting DOES NOT affect scanning speed.
ADF Edge Erase	0 1 2 3 (*) 4 5 6 Note: The value of this setting determines the size (in millimeters) of the “no-print” zone around an ADF scan job. Copy jobs ALWAYS have at least a 2mm border; therefore, copy jobs use either 2mm OR this setting’s value, whichever is larger.
FB Edge Erase	0 1 2 3 (*) 4 5 6 Note: The value of this setting determines the size (in millimeters) of the “no-print” zone around a flatbed scan job. Copy jobs ALWAYS have at least a 2mm border; therefore, copy jobs use either 2mm OR this setting’s value, whichever is larger.

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
Scanner Manual Registration (see page 248)	Print Quick Test Copy Quick Test Flatbed Left Margin -20...20 Top Margin -20...20 ADF Note: “ADF” only appears for simplex scanners Horizontal Adjust -20...20 Top Margin -20...20 ADF Front Note: “ADF Front” only appears for duplex scanners Horizontal Adjust -20...20 Top Margin -20...20 ADF Back Note: “ADF Back” only appears for duplex scanners Horizontal Adjust -20...20 Top Margin -20...20
Disable Scanner (see page 239)	Enabled (*) Disabled ADF Disabled Auto Disabled Note: “Auto Disabled” ONLY appears when the device itself selects it in response to the failure of a requested scanner operation.
Paper Prompts (see page 246)	Auto (*) Multi-Purpose Feeder Note: “Multi-Purpose Feeder” is hidden if “Configure MP” on page 54 is “First” or “Manual” Manual Paper

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
<p>Envelope Prompts (see page 242)</p>	<p>Auto (*) Multi-Purpose Feeder Note: “Multi-Purpose Feeder” is hidden if “Configure MP” on page 54 is “First” or “Manual” Envelope Feeder Note: The “Envelope Feeder” selection is only available if the envelope feeder is installed. Manual Envelope</p>
<p>Action for Prompts (see page 236)</p>	<p>Prompt user (*) Continue Use Current</p>
<p>Jobs On Disk Note: Always appears if hard disk is installed, even if no buffered jobs exist</p>	<p>Do Not Delete Delete Note: “Delete” removes all “buffered” jobs from the hard disk. A “buffered” job is a “pre-ripped” job that is stored on the device’s hard disk since, when the device received the job, its processor was too busy to process it. A buffered job remains on the device’s hard disk until the processor reclaims enough resources to “rip” (process) it. Note: “Delete” DOES NOT affect Print and Hold (“post-ripped”) or parked jobs (either “being ripped” or “post-ripped”). For information about deleting these types of jobs, see the “Remove Held Jobs” setting in the “Utilities Menu” on page 180 or the “Job Parking” section of the UI Functional Specification, respectively.</p>
<p>Disk Encryption (see page 240) Note: Only appears:</p> <ul style="list-style-type: none"> • if hard disk is installed; AND • if disk is not read-only; AND • if the values of bits 3-2 of digit 4 in “Configuration ID 2 Bit Layout” on page 38 are either “01” (Supported) or “10” (Supported with INA) 	<p>Disable (*) Enable Note: The device deletes all information from the hard disk whenever this setting’s value is changed. Therefore, users should be extremely careful when changing this value. For information about panel behavior related to this setting, see the Manning UI Functional Specification. Note: The only way to generate a new encryption key is to toggle this setting’s value from Disable to Enable.</p>

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
<p>Wipe Disk (see “Configuration Menu Disk Wiping” on page 1114)</p> <p>Note: If a security template applies to Config Menu and/or Disk Wiping (see the Security Template Web page), then a user must satisfy it before accessing this setting.</p>	<p>Wipe disk (fast) Wipe disk (secure)</p> <p>Note: If the device is PORed while a disk wipe operation is executing, then, upon regaining power, the panel displays the Corrupt Disk priority status message.</p>
<p>Font Sharpening (see page 244)</p>	<p>0 to 150 (24*)</p>
<p>Require Standby</p>	<p>On (*) Off</p> <p>Note: When set to “Off”, the Standby Mode setting in the “General Settings Menu” on page 121 displays a “Disabled” value.</p>
<p>LES Applications</p>	<p>Enable (*) Disable</p> <p>Note: Disables the Lexmark Embedded Solutions (LES) applications</p>
<p>Key Repeat Initial Delay</p>	<p>.25...5 (1 second* (.25 second increments))</p> <p>Note: Determines the initial length of delay before a repeating key starts repeating</p>
<p>Key Repeat Rate</p>	<p>1...100 (15*)</p> <p>Note: Number of presses per second for a repeating key</p>
<p>Wiper Message</p>	<p>On (*) Off</p> <p>The value of this setting determines if the device posts the “Replace Wiper” IR. For more information, also see the “Replace Wiper” IR in the Manning GUI Functional Specification.</p>
<p>Clear Custom Status</p>	<p>Clear Custom Status</p> <p>Note: Executing this operation erases any strings that have been defined by the user for the Default or Alternate custom messages. For information about these NV variables, see page 305 or page 305. For information about defining a custom message, see the EWS specification.</p>

TABLE 3-1 Configuration Menu Settings and Values

INTERMEDIATE MENU, SETTING OR PRINTER OPERATION	VALUES
USB Speed	Full Auto (*) Note: A value of “Full” forces the USB port to run at full speed and also disables its hi-speed capabilities.
Exit Config Menu Note: This setting appears as a soft button in the bottom right-hand corner of the panel and is always accessible to the user from the main Configuration Menu.	No values exist for this operation. Pressing ✓ exits the Configuration Menu, performs a POR on the printer, and restarts the printer in normal mode.

3.3 Diagnostics Menu Group

Note: Information about the device’s Diagnostics Menu Group should not be documented in any enduser documentation (User’s Guide or Tech Ref). However, it needs to be documented in the Service Manuals.

Note: When a warning is active, the settings available in the Diagnostics menu are limited to only the settings that can clear these warnings. For example, if a new FRU (whatever FRU contains the EEPROM for storing device configuration) is installed that does not have a valid Model Name, Configuration ID, nor Serial Number, then the only settings available in the Diagnostics Menu are these 3 settings. No other diag menus or settings will be available until all warnings of this type are cleared.

The Diagnostics Menu group consists of menus, settings and operations that are used to diagnose printer problems. Like the Configuration Menu Group, an everyday user should not ever need to access this menu.

For information about a setting’s factory default value or behavior, see “Printer Environment Settings and Factory Default Values” on page 293.

Note: While the Diagnostic Menu Group is active, all host interfaces are offline.