# MAR\$H® PatrionPlus

User's Manual Brugervejledning Benutzeranleitung Manual del usuario Manuel de l'utilisateur Manuale dell'Utente Gebruikershandleiding Manual do Proprietário Käyttäjän käsikirja Användarhandbok

# **OVERVIEW**

This User's Manual provides step-by-step procedures for performing either single or dual-tasking PatrionPlus system functions. For further details, refer to your PatrionPlus Technical Manual.

# **CHANGE LANGUAGE**

Available screen display languages: German, English, Spanish, French, Italian, Portuguese, Finnish, Swedish.

To change language, begin from homescreen. Press . Highlight Language option; press . Highlight

desired language; press . Note: Only screen prompts convert; entered messages stay in original language.



#### **PRINTHEADS**

To perform printhead setup functions:

- · Always begin from the homescreen.
- **Dual-Tasking only:** Press either **1** or **2** t

**2** to sele

to select correct task number.



Press . Highlight Printheads option and press . Printhead Setup screen is displayed.

View Task



1. Use to highlight printhead you want to configure.

Configuring a Printhead



2. Use to select printhead size.



. .

- 3. Use to set print direction and move highlighted printheads to the desired printline positions.
- 4. Type offset value from 0 to 99; press
- 5. Either type dot size (from 1 to 9 for VJ printheads or 1 to 4 for HR printheads) or

keep default (2); press

6. Type aspect ratio value from 0 to 9; press

Select Printhead

Specifying Inverted Print 1. Use to highlight printhead for inverted print.



3. Highlight Inverted; press



1. Use to highlight printhead you want to designate as the master.



3. Highlight Master option; press



**Setting Print Trigger** 



DBC

Designating Shaft Encoder



2. Highlight Shaft Encoder option; press

## TIME & DATE

Setting the Current Time, Day, Date 1. Begin from homescreen. Press C. Ensure Time & Date option is highlighted;

Set Up

press **Enter**. Set Time & Date screen is displayed.

- 2. Highlight field you want to change.
- 3. Type in new time (24-hour format); new day (corresponding day of week number; 1 = Sunday); new date (DD/MM/YY format).

# **ROLLOVER HOUR**

Setting Rollover Hour	1. Begin from homescreen. Press . Highlight Rollover Hour option; press
	. Rollover Hour screen is displayed.
	<ol> <li>To set rollover time to 00:00 (midnight), press</li> <li>type desired time in 24-hour format in the highlighted field.</li> </ol>
ALPHA CODES	
Setting Codes for Hour, Day, Date or Month	1. Begin from homescreen. Press . Highlight Alpha Codes option. Press .
	2. Highlight desired option (Hour, Day, Date, Month); press
	3. Highlight desired field. Type new code or press (month).
	Hour: up to 2 characters Date: up to 2 characters
	Day: up to 4 characters Month: up to 4 characters
WORK SHIFTS	
Assigning Shift Codes and Start Times	<ol> <li>Begin from homescreen. Press</li> <li>Highlight Work Shifts option. Press</li> <li>Set Work Shifts screen is displayed.</li> </ol>

2. Highlight desired field. In Shift Code field, type any one alphanumeric character to represent the shift; in the Start Time field, type the time (24 hour format) that the shift starts.



# **CREATE/EDIT MESSAGES**

Creating a New Message	<ol> <li>Dual-tasking only: From homescreen, press either or to select correct task.</li> </ol>
	<ol> <li>From homescreen, press</li> <li>Highlight New option; press</li> <li>New Message</li> </ol>
	3. Type message in window; add any message elements. For details on checking/adding each different type of message element, see <i>Message Elements</i> .
	<ol> <li>To save message, first press</li> <li>; select Save option. Save Messages screen is displayed.</li> </ol>
	5. Type name for new message, up to 10 characters; press $\int_{\alpha}^{\alpha}$ or $\int_{\alpha}^{\alpha}$
Using Message Elements	To move within a message element, you must first <i>select</i> it by moving the cursor to it. To move, change, or delete a message element, you must first select it and then <i>highlight</i> it by pressing $rest = rest$
Editing an Existing Message	<ol> <li>Dual-tasking only: From homescreen, press either or to select correct task.</li> </ol>
	2. From homescreen, press . Highlight Edit option; press .
	<ol> <li>Either type or highlight name of message you want to edit; press or entry.</li> <li>Message is displayed.</li> </ol>
	4. Add/change characters and any message elements. For details on checking/adding each different type of message element, see <i>Message Elements</i> .
	<ol> <li>To save message, first press</li> <li>; select Save option. Save Messages screen is displayed.</li> </ol>

6. To replace existing message, press

or *Enter*. At replace prompt, press







#### **MESSAGE ELEMENTS**

Formatting, Adding, and Changing Time/Date Codes in a Message

1.	Begin from a	message screen	. If adding,	place	cursor where	element si	hould be
					Time/Date Codes		

inserted; if changing, place cursor in element. Press

2. Highlight desired option (Time Format, Date Format, Expiration Date, Work Shift);



- 3. *Work Shift only*: Based on system clock, work shift is automatically inserted in message; no further steps required.
- 4. To add a new or changed code element to the format, highlight the field you want to

add and press ; to delete a just-entered value and replace it with the last saved

1essage



5. To add formatted element to your message, press

Adding and ChangingTo add or replace a count in a message, always begin from a message screen. IfProduct Countsadding, place cursor where count should be inserted; if changing, place cursor in the

Counts

element. Press . Highlight desired counts option; press . The applicable count screen is displayed.

Incrementing Count	1. In Start at field, type number at which count should begin (up to 9 digits).
	2. In Maximum field, type number of last count before count starts over.
	3.If needed, use to access <i>Reset</i> and <i>Prompt</i> options.
	4. To add the count to the message, press
Continuing Count	1. Type number of digits, from the continuing count, that you want to appear in the message (up to 15 digits).
	2. To add the count to the message, press
Lots & Boxes	1. In Start field, type number at which box count should begin (up to 6 digits); in Maximum field, type number of last box to be counted before starting over.
	2. In Start field, type number at which lot count should begin (up to 6 digits); in Maximum field, type number of last lot to be counted before starting over.
	3. In field, "Increment the lot count every <u>box counts</u> ", type number of boxes in each lot.
	4. If needed, use to access <i>Reset</i> and <i>Prompt</i> options.
	5. In Separator Character field, specify what will separate the two printed count numbers (up to 5 alphanumeric characters).
	6. To specify format in which counts will appear in message (Lot-Box, Box-Lot, Lot
	Only), press and select format.
	7. To add the count to the message, press .

User Inserts	1. Press .
	2. Highlight User Insert; press
	3. Type in label name, number of characters (up to 99), and default data. Press
RS-232 Inserts	1. Press .
	2. Highlight RS-232 Insert; press
	3. Type in field offset (up to 999), number of characters (up to 99), and default data.
	4. Press
PRINT MESSAGE	
Printing a Saved Message	1. <b>Dual-tasking only:</b> From homescreen, press either <b>1</b> or <b>2</b> to select to select task.
	2. From homescreen, press . Highlight Print option; press .
	3. Select message (type or highlight message name); press $\checkmark$ or $\checkmark$ .
	<ul> <li>4. To confirm selected message for print, press</li> <li>press (ensure that LED is lit red).</li> </ul>

#### **PRINT SETTINGS**



Editing Currently-Printing Message Begin from homescreen while message is printing. Press
 Highlight Edit it option; press
 etit message.

2. To save edits, press is and select Save option. To exit message without saving

edits, either press and se

Messages

and select Quit option; or press

Adjusting Product	1. Begin from homescreen while message is printing. Press
Counts	er enter
	Counts option; press . Product Counts screen is displayed.
	2. Highlight field you want to change (see Adding a Product Count for types) and type Reset
	in new number. <b>Note:</b> To reset to starting number, either press (resets to
	001); type in starting number; or to adjust by one count, use $\Box$ and $\Box$ .
VIEW MESSAGE	
Viewing a Saved Message	1. <b>Dual-tasking only:</b> From homescreen, press either or <b>2</b> to select to select task.
	2. From homescreen, press
	3. Select message (type or highlight message name); press or $\checkmark$ .
	4. To view another saved message, press
Viewing an RS-232 Insert	<ol> <li>Dual-tasking only: From homescreen, press either or to select correct task.</li> </ol>
	2. From homescreen, press . Highlight New option; press .
	3. Press .
	4. Highlight View RS-232 Inserts; press
	5. Press $\checkmark$ .

#### **DELETE MESSAGE**



### SPECIAL CHARACTERS



UTILITY FUNCTIONS

Messages

	To access the Utility functions, always begin from the homescreen. Press
	Highlight desired option; press Enter. The applicable screen/function is active.
LOGOFF/LOGON	
Logging Off	Highlight Logoff; press Finter. The system is logged off.
Logging On	Press , type the correct password, and press $or$ or $V$ .

#### **PURGE PRINTHEADS/PRINT TEST PATTERN**

**Note:** HR printheads cannot be purged electronically. If you only have HR printheads and you try to purge electronically, your will get an error message that says, "No printheads have been detected." If you have VJ (Valve Jet) and HR printheads, only the VJ printheads will appear on the purge screen.



1. Highlight Purge; press



2. Use to highlight printhead to be tested.



3. Press or to display the nozzle associated with the highlighted printhead.

Stop Test



- 5. Pass test-card or box in front of printhead.
- 6. To stop test process at any time, press

#### **ML8 (EMULATION MODE)**

Operating PatrionPlus System using a Keyboard Input Device (KID)

- 1. Plug KID into back of PatrionPlus controller.
- 2. From controller homescreen, press
- 3. Highlight ML8 Emulation option; press Fenter. System transfers control of the PatrionPlus system to the KID. Note: See Technical Manual for complete list of commands.

Utility

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4. To return to Patrion mode, press

# **MESSAGE SELECTION (PATRION MODE)**

- 1. Plug the input device (Keyboard Input Device (KID), RS-232, etc.) into the back of the PatrionPlus controller.
- 2. Begin from homescreen. Press "CTRL T" on the input device. The input device displays "MSG = ".
- 3. Type the message name on the input device; press **Enter**. Note: Marsh recommends using capitalized letters and numbers when saving messages created in the Edit/New Message screen.
- 4. The PatrionPlus homescreen is updated with the message selected.