

MARSH[®]

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 PatrimonPlus system functions. For further details, refer to your PatrimonPlus 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.







SET UP FUNCTIONS

PRINTHEADS


To perform printhead setup functions:


- Always begin from the homescreen.


- **Dual-Tasking only:** Press either  or  to select correct task number.


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


Configuring a Printhead


1. Use  to highlight printhead you want to configure.

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 .



Specifying Inverted Print

1. Use  to highlight printhead for inverted print.
2. Press  .
3. Highlight Inverted; press  .



Designating Master Printhead

1. Use  to highlight printhead you want to designate as the master.
2. Press  .
3. Highlight Master option; press  .

Setting Print Trigger



1. Press  .
2. Highlight desired trigger option; press  .

Designating Shaft Encoder

1. Press  .
2. Highlight Shaft Encoder option; press  .




TIME & DATE

Setting the Current Time, Day, Date

1. Begin from homescreen. Press  . Ensure Time & Date option is highlighted; press  . 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.
2. To set rollover time to 00:00 (midnight), press  ; to set time to anything else, type desired time in 24-hour format in the highlighted field.



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  or  (day) or  (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



1. Begin from homescreen. Press  . Highlight Work Shifts option. Press  . Set Work Shifts screen is displayed.
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.






MESSAGE FUNCTIONS



CREATE/EDIT MESSAGES

Creating a New Message

1. **Dual-tasking only:** From homescreen, press either  or  to select correct task.

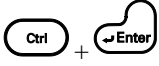
2. From homescreen, press . Highlight New option; press . New Message screen is displayed.
3. Type message in window; add any message elements. For details on checking/adding each different type of message element, see *Message Elements*.

4. To save message, first press ; select Save option. Save Messages screen is displayed.



5. Type name for new message, up to 10 characters; press  or .

Using Message Elements



To move within a message element, you must first *select* it by moving the cursor to it. To move, change, or delete a message element, you must first select it and then

highlight it by pressing .


Editing an Existing Message



1. **Dual-tasking only:** From homescreen, press either  or  to select correct task.

2. From homescreen, press . Highlight Edit option; press .


3. Either type or highlight name of message you want to edit; press  or . Message is displayed.

4. Add/change characters and any message elements. For details on checking/adding each different type of message element, see *Message Elements*.

5. To save message, first press ; select Save option. Save Messages screen is displayed.

6. To *replace* existing message, press  or . At replace prompt, press



To *save as new* message, type new name (up to 10 characters); press  or




MESSAGE ELEMENTS

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

1. Begin from a message screen. If adding, place cursor where element should be



inserted; if changing, place cursor in element. Press .

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

press .


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





value, press . *Expiration Date only*: Type number of days until expiration.

5. To add formatted element to your message, press .

Adding and Changing Product Counts


To add or replace a count in a message, always begin from a message screen. If adding, place cursor where count should be inserted; if changing, place cursor in the




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 *Reset* and *Prompt* 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 ___ box counts”, type number of boxes in each lot.

4. If needed, use  to access *Reset* and *Prompt* 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. **Dual-tasking only:** From homescreen, press either  or  to select correct task.
2. From homescreen, press  . Highlight Print option; press  .
3. Select message (type or highlight message name); press  or  .
4. To confirm selected message for print, press  . To stop printing in progress, press  (ensure that LED is lit red).






PRINT SETTINGS

Setting Character Width or Print Position






- Dual-tasking only:** From homescreen, press either  or  to select correct task.
- Press . Character Width screen is displayed.
- Character Width:** To widen printed characters, press ; to narrow, press  or .
- Print Position:** Press . Print Position screen is displayed.
- Print Position:** To place printed message on left edge of a box travelling to left, press  until value is zero and sliding bar is at Max Left; to place message anywhere to right of left box edge, press  or .
- Print Position:** To set print position for opposite direction, press .

CURRENT MESSAGE OPTIONS

Editing Currently-Printing Message








- Begin from homescreen while message is printing. Press . Highlight Edit it option; press ; edit message.
- To save edits, press  and select Save option. To exit message without saving edits, either press  and select Quit option; or press .

Adjusting Product Counts








1. Begin from homescreen while message is printing. Press . Highlight Adjust Counts option; press . Product Counts screen is displayed.
2. Highlight field you want to change (see Adding a Product Count for types) and type in new number. **Note:** To reset to starting number, either press  (resets to 001); type in starting number; or to adjust by one count, use  and .

VIEW MESSAGE

Viewing a Saved Message










1. **Dual-tasking only:** From homescreen, press either  or  to select correct task.
2. From homescreen, press . Highlight View option; press .
3. Select message (type or highlight message name); press  or .
4. To view another saved message, press .

Viewing an RS-232 Insert

1. **Dual-tasking only:** From homescreen, press either  or  to select correct task.
2. From homescreen, press . Highlight New option; press .
3. Press .
4. Highlight View RS-232 Inserts; press .
5. Press .





DELETE MESSAGE

Deleting an Existing Message



1. **Dual-tasking only:** From homescreen, press either  or  to select correct task.
2. From homescreen, press . Highlight Delete option; press .
3. Select message (type or highlight message name); press  or .
4. Confirm delete by pressing . To cancel, press  or .

QUIT MESSAGE


Exiting a Message Screen


1. Begin from message screen. Press . Highlight Quit option; press .
2. To save changes before quitting, press ; to close message screen without saving, press .

FONTS

If changing a specific message element, select and highlight it  +  before beginning either function.


Changing the Font

1. To change font or select boldface type, always begin from a message screen. Press . Pop-up menu of available fonts/options is displayed.

2. Highlight desired font size; press .


Changing to Bold Type

(7 Dot, 16 Dot, 16 DOT)



1. Highlight Bold option; press .

Note: The Bold option is not available for HR printheads.






SPECIAL CHARACTERS

To add special characters, bar codes or logos to your message, always begin from a message screen. Press . Pop-up menu of available options is displayed.






Viewing/Adding Special Printable Characters (Character Map)

1. Highlight Character Map option; press . Character Map screen is displayed.
2. Highlight desired character; press  or take note of applicable keystroke combination for future use.

Bar codes

1. Highlight Bar codes option; press . Bar code screen is displayed.
2. Use  to select the desired bar code; press .
3. Type bar code data.
4. *Count only*: press  to add count information to bar code. See Incrementing Count section on page 5 for more information.
5. To add the bar code to the message, press .

Logos

1. Highlight Logos option; press . Logo selection screen is displayed.
2. Use  to select the desired logo. Press  or press  to display the logo on screen.
3. To add the logo to the message, press .



UTILITY FUNCTIONS



To access the Utility functions, always begin from the homescreen. Press

Highlight desired option; press . The applicable screen/function is active.

LOGOFF/LOGON

Logging Off

Highlight Logoff; press . The system is logged off.

Logging On

Press , type the correct password, and press or .

PURGE PRINTHEADS/PRINT TEST PATTERN

Note: HR printheads cannot be purged electronically. If you only have HR printheads and you try to purge electronically, you 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.

Purging a Printhead

1. Highlight Purge; press .

2. Use to highlight the printhead to be purged.

3. Press or to display the nozzle associated with the highlighted printhead. If needed, highlight and add more printheads.

4. If you want to purge only one valve, press .







5. Place container in front of printhead nozzle.

6. Press .

7. Block photocell.




8. To stop purging, press or unblock the photocell.

Printing Test Pattern


1. Highlight Purge; press .
2. Use  to highlight printhead to be tested.
3. Press  or  to display the nozzle associated with the highlighted printhead.
4. Press .
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 . System transfers control of the PatrionPlus system to the KID. **Note:** See Technical Manual for complete list of commands.
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 . **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.