

E-Class™ Mark III

Paper Menu ■ ■ ■

Paper Menu Introduction

The Paper Menu is a feature that allows the operator to change the printer's settings without the need of a host computer or additional software. This document explains how to use the internal Paper Menu and change the printer settings.

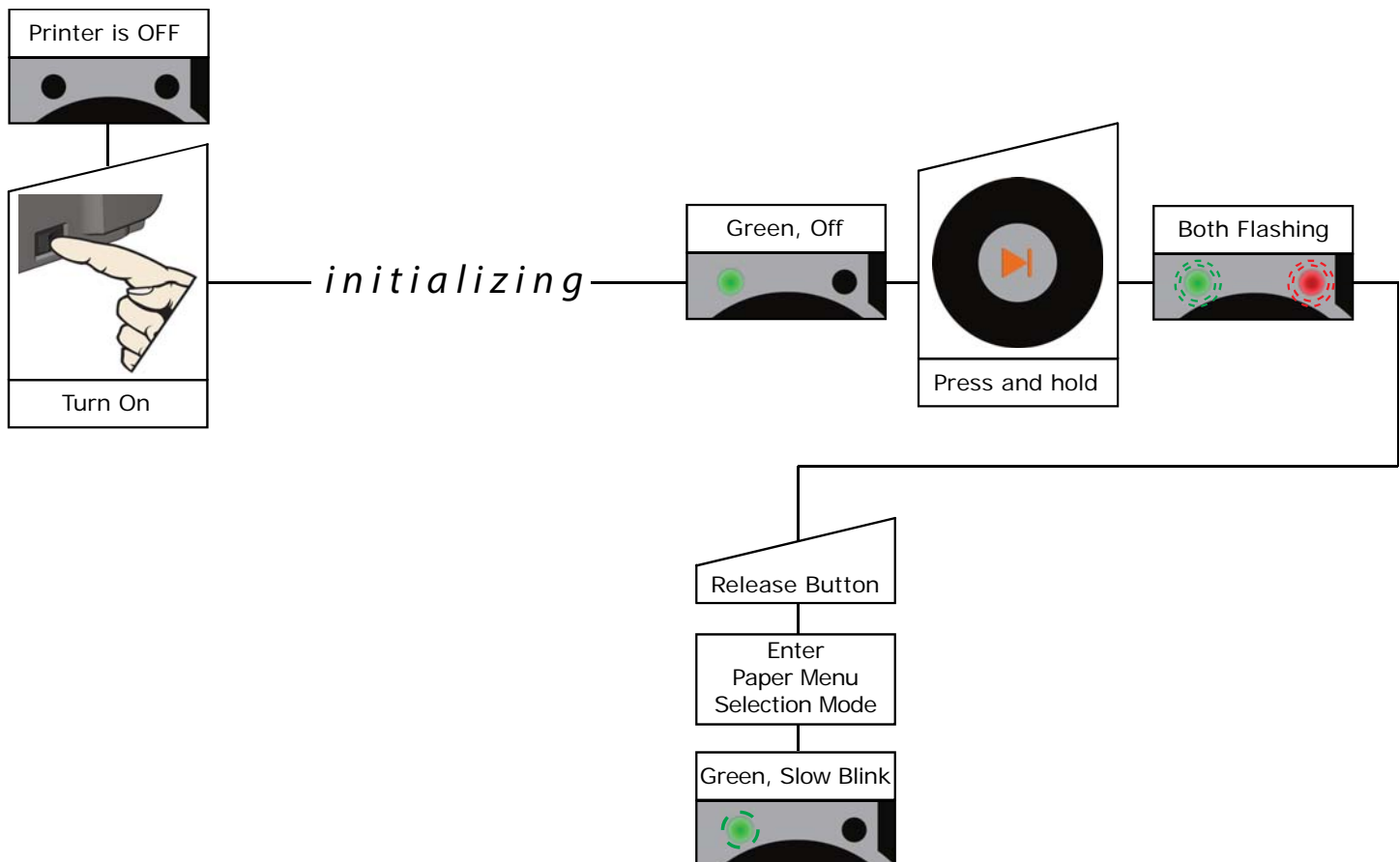
Requirements:

- Basic or Advanced E-Class Mark III printer.
- Firmware version 14.134 or greater or printer Serial# 4xxxxxxx or greater.
- Printer loaded with full width media, at least 4" (102mm) wide.

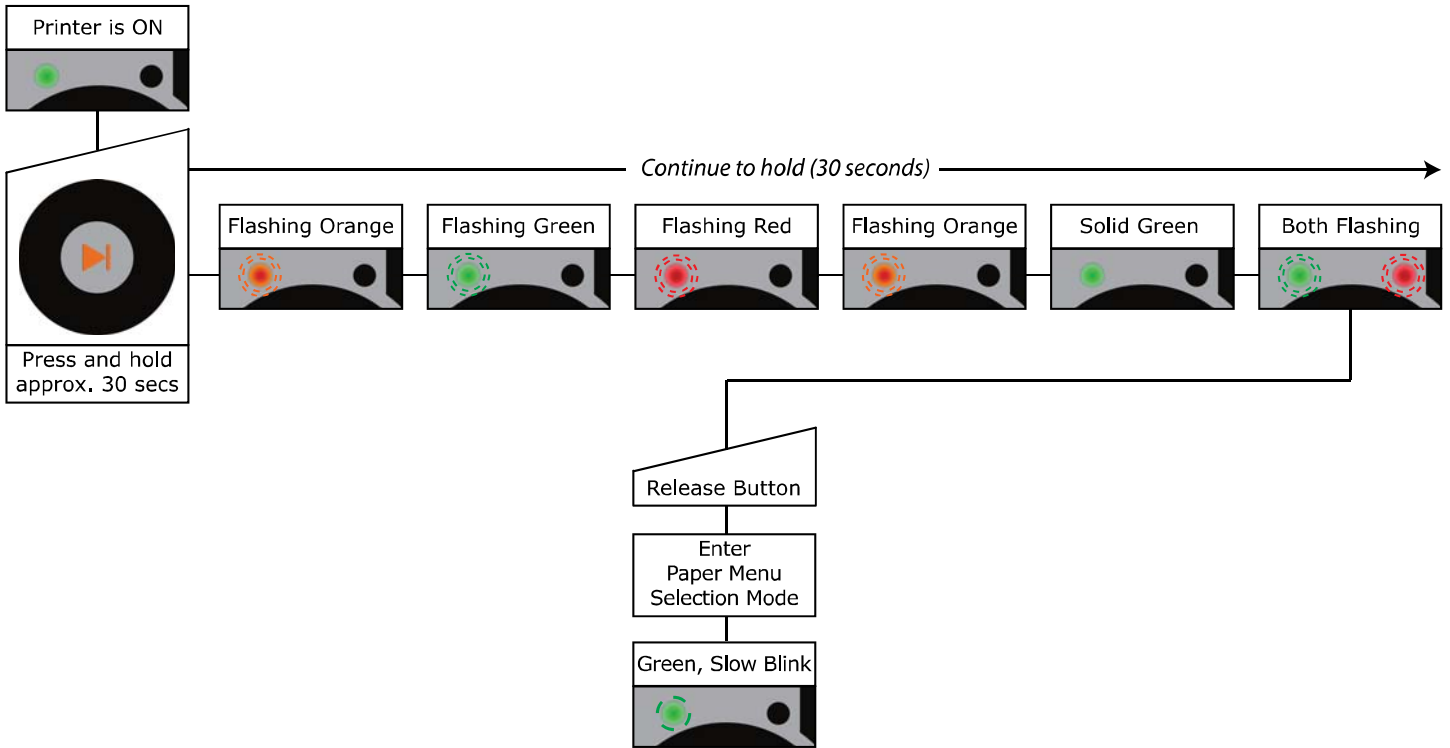
Accessing the Paper Menu

There are two ways to access the Paper Menu, depending on the state of the printer. The illustrations below show the sequence of steps for when the printer is already on and when the printer is off. The left LED blinks green at a 1 second interval once the Paper Menu has been accessed.

From the Power Off State:



From the Power On State:



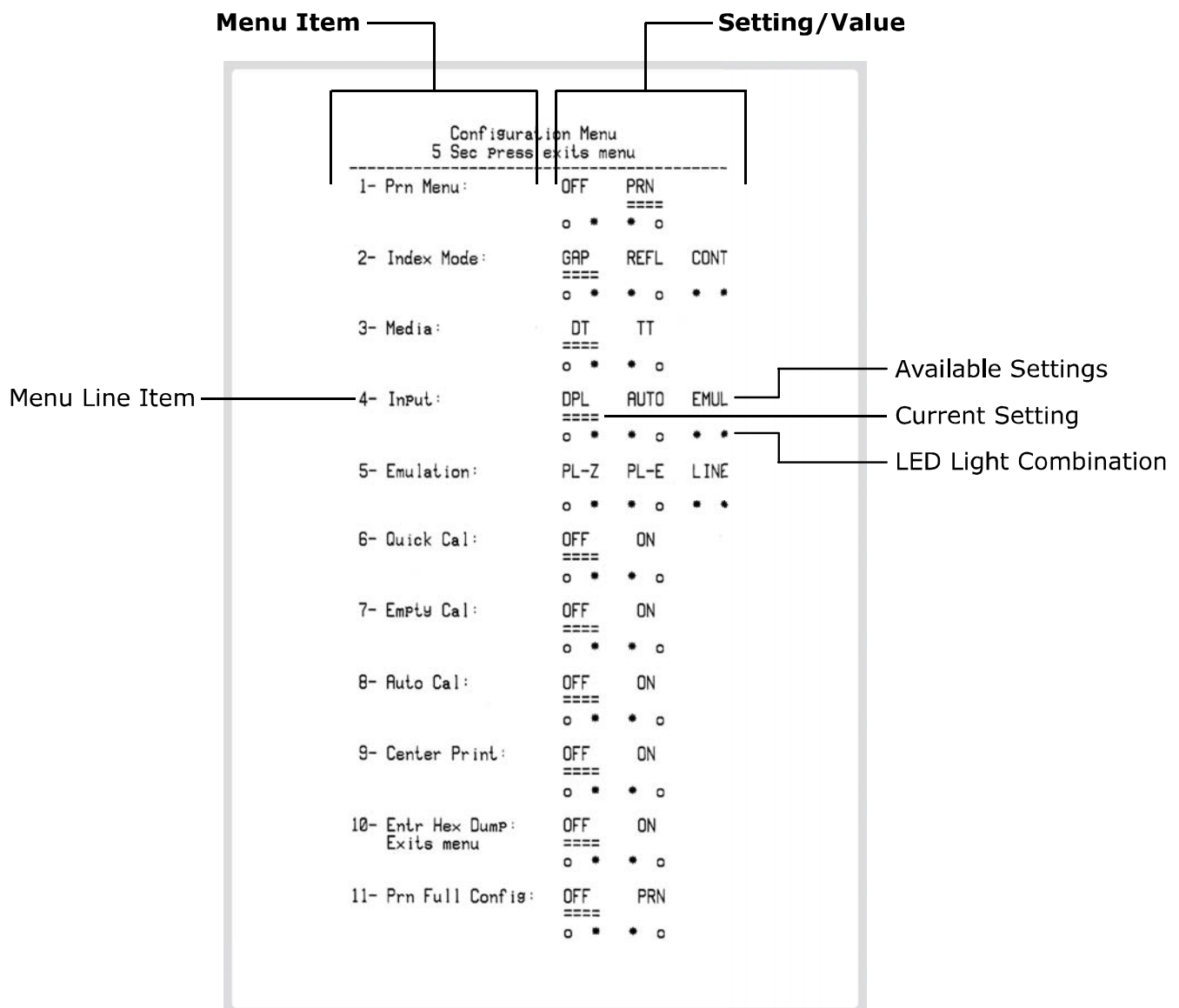
Printing the Paper Menu

Because the printer has no display, it is necessary to print the Paper Menu in order to show the available menu items and the current setting for each one. Be sure the printer is loaded with full width media (and ribbon if necessary).

To print the menu:

1. Access the Paper Menu as described in the "Accessing the Paper Menu" section.
2. When the left LED is blinking slowly, press the button once and wait 2 seconds.
3. When the right LED glows red, press the button again. The printer will then print the menu.

The printed menu is shown in below. In the printout, ===== (double underscores) indicate the current setting value, and the LED status is indicated by o (off) and * (on). For example, item 4, Input, has three options – DPL, Auto, EMUL. In the printout below it is shown set to DPL, and the LEDs indicate this – the left one is o (off), the right one is * (on).



Paper Menu Contents and Options

The table below lists all the items and values in the Paper Menu, and shows the status of the LEDs for each possible value. In this table, an illuminated LED is indicated by ●, and LED off by ○.

Item	Parameter	Settings LED Status					
1	Prn Menu:	OFF		PRN			
	LEDs	○	●	●	○		
2	Index Mode:	GAP		REFL		CONT	
	LEDs	○	●	●	○	●	●
3	Media:	DT		TT			
	LEDs	○	●	●	○		
4	Input	DPL		AUTO		EMUL	
	LEDs	○	●	●	○	●	●
5	Emulation:	PL-Z		PL-E		LINE	
	LEDs	○	●	●	○	●	●
6	Quick Cal:	OFF		ON			
	LEDs	○	●	●	○		
7	Empty Cal:	OFF		ON			
	LEDs	○	●	●	○		
8	Auto Cal:	OFF		ON			
	LEDs	○	●	●	○		
9	Center Print:	OFF		ON			
	LEDs	○	●	●	○		
10	Entr Hex Dump: Exits menu	OFF		ON			
	LEDs	○	●	●	○		
11	Prn Full Config:	OFF		PRN			
	LEDs	○	●	●	○		

Navigating the Paper Menu

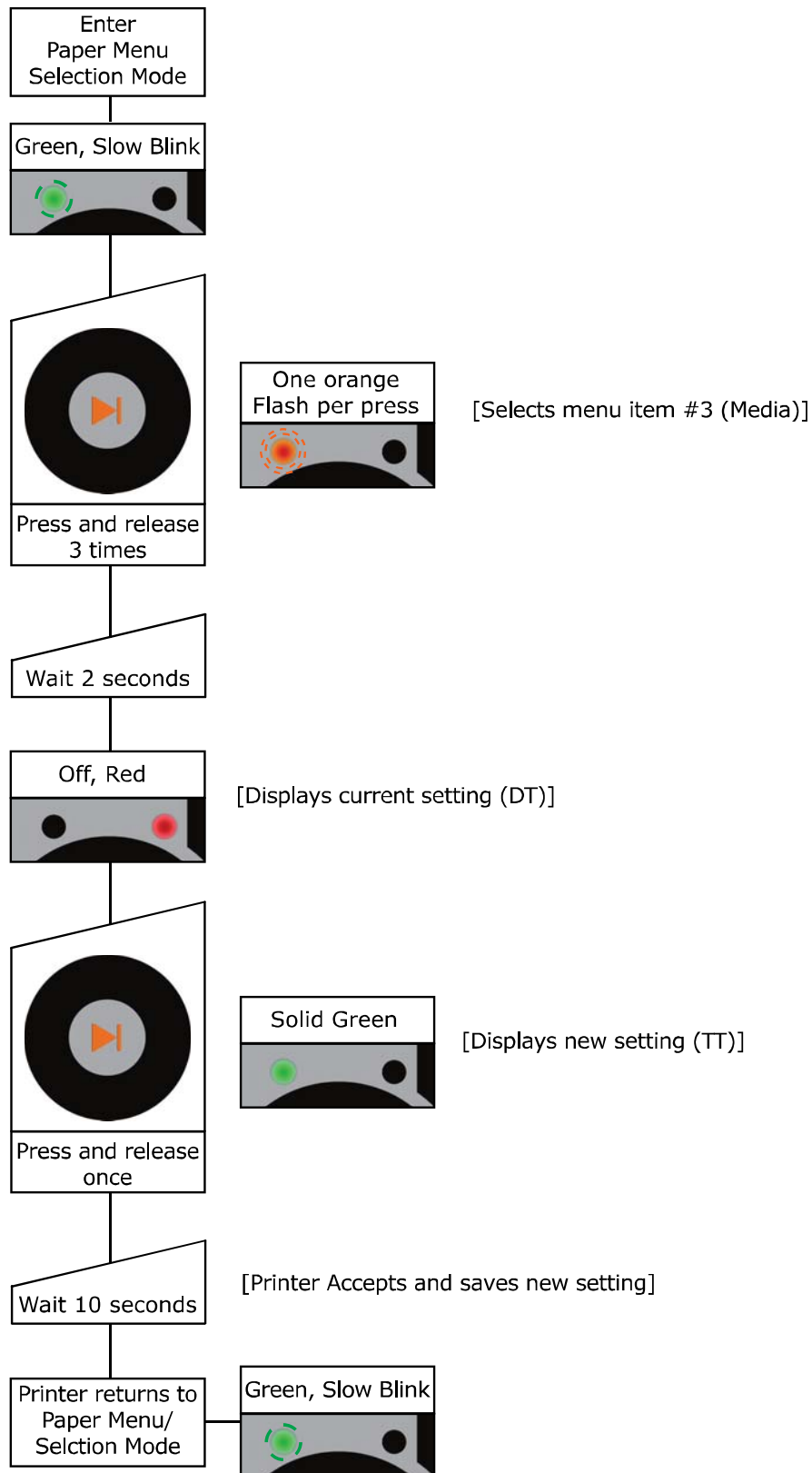
An item must be selected before it can be changed. Because the location within the Paper Menu structure depends on the number of button presses and the amount of time between them, it is recommended that button presses and pauses be noted before editing is attempted, at least until the system is completely familiar.

To move through the menu:

Desired Effect	Operator Action	Printer's Response
Move down one item	Briefly press and release the button	Left LED flashes orange; focus moves one item down the list. Note: When selection mode is first entered, the first button press selects menu Item 1.
Select item and enter edit mode	Wait 2 seconds	LEDs light in sequence indicating currently selected option; enters edit mode.
Edit the option	Within 10 seconds, briefly press and release button	For each button press, cycles through settings and LED states.
Exit edit mode, return to selection mode	Wait 10 seconds	Option setting is written to printer; printer returns to selection mode at top of menu. Left LED flashes green at 1 second intervals.
Make no changes, return to selection mode	Do not press button after entering edit mode	Option setting is unchanged; printer returns to selection mode at top of menu. Left LED flashes green at 1 second intervals.

Example: Editing a Setting

This example assumes that the printer is in selection mode within the Paper Menu. The object is to change the Media setting from its current value of DT (Direct Thermal), to TT (Thermal Transfer).



Special Functions

Items 1 (Prn Menu), 6 (Quick Cal), 10 (Entr Hex Dump) and 11 (Prn Full Config) are special functions. They work as follows:

1. Two seconds after the item is selected, the right LED will illuminate red.
2. To invoke the function, press the button once. The function will execute immediately, without a 10 second waiting period.

To cancel the function, do not press the button, and wait 10 seconds. The left LED will blink green slowly to indicate that the top of the Paper Menu has been accessed.

Quick Cal

When Item 6, Quick Cal, is invoked, the paper will start moving immediately. When the function has completed, the LEDs will display the result as follows:

Passed: Left LED blinks green briefly
Warning: Left LED blinks orange briefly
Fail: Left LED blinks red briefly

Hex Dump

Invoking this function exits the paper menu. To terminate the Hex Dump, cycle power to the printer.

Menu Exit

To exit the menu, press and hold the button for five seconds, the LED will stop blinking. Then release the button, the printer will then be ready for normal operation.

When the printer first enters the menu, the printer setting for the Index Mode is set to Continuous Mode and the Media type is set to Direct Thermal. The two original settings are preserved and restored upon proper exit from the menu system. If the user exits the menu via a power cycle the original settings will not be restored and the user will have to manually reset these.