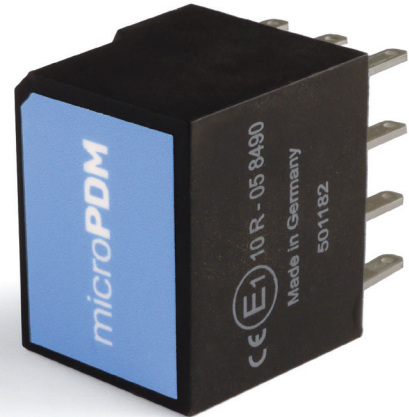


microPDM

QUICK REFERENCE GUIDE



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microPDM is a product of MCP Logic, LLC.

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CONNECTION PINS

1	4	7	10
2	5	8	11
3	6	9	12

Bottom view. Note orientation of notch in top left.

1	ground
2	output 6
3	+12v
4	CAN low
5	CAN high
6	+12v ign signal
7	output 7
8	output 5
9	output 4
10	output 3
11	output 2
12	output 1

CONFIGURATION INSTRUCTIONS

All actions in Configuration Mode are taken with buttons 1, 2, and 3.

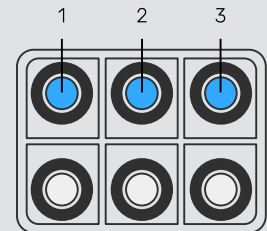
Button 1: **EXIT** Press at any time to return to Standby Mode

Button 2: **NEXT** Press to cycle through options

Button 3: **CONFIRM** Press to confirm selection and advance to next step

TO ENTER CONFIGURATION MODE:

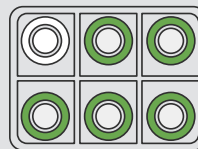
1. Enter Standby Mode. (Ignition switch off, no lights illuminated on keypad)
2. Press and hold buttons 1, 2, and 3 until backlight turns green.
3. Release buttons to enter Configuration Mode.



NAVIGATING CONFIGURATION MODE:

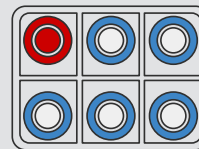
Configuring your MicroPDM is a 3-step process. Your MicroPDM will signal the active configuration step through the backlight display and button LED colors.

Step 1: Select Button



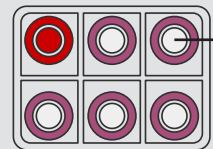
Green backlight, white button to indicate selected button.

Step 2: Select Parameter



Blue backlight, button color represents selected parameter.

Step 3: Select Value



Magenta backlight, button color represents selected value.

Confirm change and return to step 1

WRITE CONFIGURATION TO MEMORY:

1. Put MicroPDM into Configuration Mode
2. Press and hold button 1 until backlight turns red
3. Backlight color changes to red - configuration written to memory.
4. Release button to return to Standby Mode

Important! If you do not follow the above four steps to write your configuration to memory before disconnecting power to the MicroPDM, your configuration will not be saved. After you write your configuration to memory, the MicroPDM saves your configuration even if it is disconnected from power.

Detailed User Guide available at micropdm.com

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PARAMETERS	VALUES											
IGNITION RED When ON, button turns on with ignition	OFF	ON										
	RED	GREEN										
LATCHING GREEN ON = latching OFF = momentary	OFF	ON										
	RED	GREEN										
GROUP BLUE Buttons within a group are mutually exclusive.	NOT GROUPED	GROUP 1	GROUP 2	GROUP 3								
	RED	GREEN	BLUE	YELLOW								
BEHAVIOR YELLOW Assigns an enhanced behavior to a button to support common vehicle features. Tap flash values require firmware v4+	NONE	FLASH 4Hz	FLASH 1.5Hz	FLASH 1min	DELAY ON	AUTO OFF 5s	AUTO OFF	AUTO OFF	AUTO OFF	IGNITION MODE	NIGHT MODE	
	RED	GREEN	BLUE	YELLOW	500ms	MAGENTA	2min	10min	30min	BLUE FLASH	YELLOW FLASH	
	CYAN FLASH	MGNTA FLASH	WHITE FLASH	RED / GREEN	RED / BLUE	RED / YELLOW	RED / CYAN	RED / MGNTA	RED / WHITE	GREEN / BLUE	GRN / YELLOW	
OUTPUT CYAN Selects the output controlled by the button. The first 7 are for the primary MicroPDM. The rest are for extender modules. Add-On module output values will only be available for selection if extender modules are properly connected to the CAN bus. Add-on outputs 8+ require firmware v4+	NO OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4	OUTPUT 5	OUTPUT 6	OUTPUT 7	ADD-ON OUTPUT 1	ADD-ON OUTPUT 2	ADD-ON OUTPUT 3	
	RED	GREEN	BLUE	YELLOW	CYAN	MAGENTA	WHITE	RED FLASH	GREEN FLASH	BLUE FLASH	YELLOW FLASH	
	CYAN FLASH	MGNTA FLASH	WHITE FLASH	RED / GREEN	RED / BLUE	RED / YELLOW	RED / CYAN	RED / MGNTA	RED / WHITE	GREEN / BLUE	GRN / YELLOW	
ON COLOR MAGENTA 16 color options for when a button is ON.	NO COLOR	RED	GREEN	BLUE	YELLOW	CYAN	MAGENTA	WHITE	RED FLASHING	GREEN FLASHING	BLUE FLASHING	
	NOT LIT											
	YELLOW FLASHING	CYAN FLASHING	MAGENTA FLASHING	WHITE FLASHING	RED / GREEN FLASHING							
OFF COLOR WHITE 8 color options for when a button is OFF.	NO COLOR	RED	GREEN	BLUE	YELLOW	CYAN	MAGENTA	WHITE				
	NOT LIT											
EXTERNAL CONTROL RED FLASHING Enables control by an external CAN board. Autosport Labs AnalogX and ECU Master Switch Board v3 are supported.	NO EXT. CONTROL	ANALOGX PIN 1	ANALOGX PIN 2	ANALOGX PIN 3	ANALOGX PIN 4	ECU MSTR SWITCH 1	ECU MSTR SWITCH 2	ECU MSTR SWITCH 3	ECU MSTR SWITCH 4	ECU MSTR SWITCH 5	ECU MSTR SWITCH 6	
	RED	GREEN	BLUE	YELLOW	CYAN	MAGENTA	WHITE	RED FLASH	GREEN FLASH	BLUE FLASH	YELLOW FLASH	
	CYAN FLASH	MGNTA FLASH										
DELAYED SHUTDOWN GREEN FLASHING Remains ON after ignition is turned off. Requires firmware v3+	NO DELAY	5 SECOND DELAY	10 SECOND DELAY	30 SECOND DELAY	1 MINUTE DELAY	5 MINUTE DELAY	10 MINUTE DELAY	15 MINUTE DELAY				
	RED	GREEN	BLUE	YELLOW	CYAN	MAGENTA	WHITE	RED FLASH				
ON WITH BLUE FLASHING Button will turn ON when the selected button turns ON. As a convenience, ON WITH button values will only be available for selection if they exist on the CAN bus. For example, if you have 2 8-way keypads, you will see buttons 1-16 available for selection. Requires firmware v4+	NO SELECTION	BUTTON 1	BUTTON 2	BUTTON 3	BUTTON 4	BUTTON 5	BUTTON 6	BUTTON 7	BUTTON 8	BUTTON 9	BUTTON 10	
	RED	GREEN	BLUE	YELLOW	CYAN	MAGENTA	WHITE	RED FLASH	GREEN FLASH	BLUE FLASH	YELLOW FLASH	
	CYAN FLASH	MGNTA FLASH	WHITE FLASH	RED / GREEN	RED / BLUE	RED / YELLOW	RED / CYAN	RED / MGNTA	RED / WHITE	GREEN / BLUE	GRN / YELLOW	
OFF WITH YELLOW FLASHING Button will turn OFF when the selected button turns OFF. Requires firmware v4+	Values are the same as ON WITH above. As a convenience, OFF WITH button values will only be available for selection if they exist on the CAN bus. For example, if you have 2 8-key keypads connected, you will see buttons 1-16 available for selection.											