

Garmin MFD / MPower Setup Guide



Revision 1.3

Copyright © 2022 Carling Technologies, Inc.

60 Johnson Ave. Plainville, CT 06062 USA All Rights Reserved

http://www.maretron.com

Revision History

Revision	Description
1.0	Initial Release 3/8/2021
1.1	Updates for Garmin software release v23.5 or higher
1.2	Screenshot update
1.3	Updates for Garmin software release v26.1 or higher

Table of Contents

Requirements NMEA 2000	3 3
Garmin MFD Model	3
Setup Concept Setup Process / Features Enable Garmin Switching Page / Adding a Page	4 5 5
Understanding Garmin Switch Numbers	10
Naming / Configuring Switches	11
Switch Styles	16
Changing a Page Name	19
Deleting Switches	21
Adding / Replacing Switches	22
Adding a "Boat View Image"	24
Adding a Switching Page Overlay	32
Saving a Switching Page Preset	36
Saving your 'System Profile'	42
For More Information	44



Warning: Carling Technologies is not responsible for property damage of any kind, personal injury, or death as a result of operating any manufacturer's multifunction display equipment, as well as any Carling or Maretron equipment. The vessel operator and its navigational aids assume all risks pertaining to any vessel where MPower®, Maretron®, or Carling Technologies equipment must be used to operate a vehicle of any kind.

Requirements

NMEA 2000

To control MPower devices from Garmin® MFD ensure that all MPower devices needing to be controlled by Garmin are on the same NMEA 2000 network. If the devices needing to be controlled by Garmin are not on the same NMEA 2000 network then the usage of a Maretron NBE100 (Network Bus Extender) may be required to "Bridge" networks where applicable. For more information on NMEA 2000® networking please visit the NMEA organization's website at:

https://www.nmea.org/

Garmin MFD Model

Not all Garmin brand MFDs support Digital Switching control. Be sure that your Garmin MFD supports Digital Switching. The following list of Garmin MFD series support Digital Switching provided a software version of 24.00 or higher is installed.

- GPSMAP® 74xx/xsv series
- GPSMAP 76xx/xsv series
- GPSMAP 8xxx series
- GPSMAP 84xx series
- GPSMAP 86xx series
- GPSMAP 7x2 series
- GPSMAP 9x2 series
- GPSMAP 12x2 series
- GPSMAP 7x2 Plus series
- GPSMAP 9x2 Plus series
- GPSMAP 12x2 Plus series
- GPSMAP 7x3 series
- GPSMAP 9x3 series
- GPSMAP 12x3 series
- GPSMAP A12
- GPSMAP 10x2 series
- GPSMAP 12x2 series
- Volvo® Penta Glass Cockpit 8xxx series
- Volvo Penta 76xx/xsv series
- Volvo Penta 86xx series
- Volvo Penta A series
- Volvo Penta B series
- EchoMAP® UHD series (*menu structure differs slightly from this document)
- EchoMAP Ultra series (*menu structure differs slightly from this document)

Setup Concept

Garmin Brand MFD allows for an intuitive, personalized setup arrangement for MPower digital switching.

- Create "Pages" for categorized circuits such as "Lighting", "Pumps", and "Accessories" or "Port Deck", "Foredeck", "Aft deck".
- Add the circuits you desire to each page and name the circuits as you wish.
- Change the name of a circuit anytime as your vessel requires.
- Add a photo of your vessel to any "switching page" and apply circuit icons overlayed across the photo that will show when an item is On / Off.
- Switch items On / Off on any Garmin "switching page" and save the current settings as a preset to how you desire your vessel circuits to be On or Off, then recall this preset anytime.
- A Garmin "switching page" can have critical data added to it such as engine vitals or Heading so that the "switching page" can become a vital vessel operation page while navigation is underway.
- Save the Garmin "System Profile" to copy to an upgraded Garmin device to keep your settings or for excellent OEM page setup repeatability.
- Synchronization between Garmin devices for all switch configuration settings and switching page settings over Garmin Marine Network (Ethernet).



Setup Process / Features

Enable Garmin Switching Page / Adding a Page

Any Garmin MFD compatible to control digital switching will have an icon appear that reads 'Switching' this icon will be found by pressing 'Home'; 'Vessel'; 'Switching'.

• If the 'Switching' icon does not appear, please check the Garmin unit's NMEA2000 connection.



First step in the process to customize your Garmin 'Switching page(s)' is to check if a 'Switching Page' appears. If the page is blank as shown below, it will be necessary to enable the 'Switching Page' by 'Adding a Page'.

			$\boldsymbol{\langle}$		\sum			
01:114	♀ Mark	(j) Info		â		sos	응 <u>—</u> Waypoints	••• Options



To add a page follow this process: 1) From the 'Switching Page' Press: 'Options'



2) Press: 'Setup'



3) Press: "Add Page"

		$\langle \langle \rangle$		$\boldsymbol{\Sigma}$	\equiv	Setup		
						Add Page		>
						Edit Page		>
			Auu Fage			Delete Page		
						Demokist		~
						Page List		· · · ·
						<	Back	
01:12	¢ Settings							X Close

			Р	age 1		=	Setup		
							Add Page		>
Switch 1429	9 Switch 1430	Switch 1431	Switch 1432	Switch 1433	Switch 1434	:*	Edit Page		>
							Delete Page		
	-		—		—				
Switch 143	7 Switch 1438	Switch 1439	Switch 1440	Switch 1401	Switch 1402	4			
-	—	—							
							Page List		>
							<	Back	
01:20%	Settings								X Close

4) See 'Default View' of 'Switching Page' appear (Example Below)

• If your 'Switching Page' reads 'Not Available' after 'Adding a Page' please check the Garmin unit's NMEA2000 connection.

Understanding Garmin Switch Numbers

Understanding Garmin switch numbers are vitally important to configuring the 'Switching Page(s)'. Once these numbers origination are understood, formulating user friendly 'Switching Page(s)' could take only minutes.

The Garmin numbers formulated for NMEA Standard digital switching systems are based on NMEA 2000 PGN 127501 instance and status number (Indicator number). Each NMEA 2000 127501 PGN Instance has 28 status number fields. These status numbers start the Garmin switch number count starting at Instance number 0. For example, Garmin switch number '1' belongs to Digital Switching device 'Instance 0' and controls 'Channel 1', Garmin switch number '28' belongs to Digital Switching device 'Instance 0' and controls 'Channel 28', Garmin switch number '29' belongs to Digital Switching device 'Instance 1' and controls 'Channel 1' and Garmin switch number '56' will belong to Digital Switching device 'Instance 1' and controls 'Channel 1' and controls 'Channel 28'. With understanding of this sequence, Garmin switch number '953' will belong to Digital Switching device 'Instance 1'. Note some NMEA 2000 devices use more than one Instance Number to expand the number of channels used by that device. See sequence visual example below for further understanding.



• • •	D • • • •		1	a	_ · · · ·	
Garmin #	Device Instance	Status Number		Garmin #	Device Instance	Status Number
1	0	1		29	1	1
2	0	2		30	1	2
3	0	3		31	1	3
4	0	4		32	1	4
5	0	5		33	1	5
6	0	6		34	1	6
7	0	7		35	1	7
8	0	8		36	1	8
9	0	9		37	1	9
10	0	10		38	1	10
11	0	11		39	1	11
12	0	12		40	1	12
13	0	13		41	1	13
14	0	14		42	1	14
15	0	15		43	1	15
16	0	16		44	1	16
17	0	17		45	1	17
18	0	18		46	1	18
19	0	19		47	1	19
20	0	20		48	1	20
21	0	21		49	1	21
22	0	22		50	1	22
23	0	23		51	1	23
24	0	24		52	1	24
25	0	25		53	1	25
26	0	26		54	1	26
27	0	27		55	1	27
28	0	28		56	1	28

Naming / Configuring Switches

For maximum efficiency when setting-up an MPower system with Garmin, each switch will have to be named and configured ahead of building the 'Switching Page'. It is advantageous to know what circuit names and behavior is desired before configuring the switches. You can name, label, and configure the switches in one location prior to configuring your 'Switching Page(s)' Please follow the outlined process below for the most efficient way to setup your 'Switching Page(s)'

1) From any screen, press: 'Options' then 'Settings'. When the following page appears, press 'My Vessel'.

Settings				
		System		>
		Preferences		>
		Communications		>
		Alarms		>
	'My Vessel'	My Vessel		>
		Other Vessels		>
		<	Back	
01:22#				X Close

2) Press 'Switching'

My Vessel			
		Transducers	>
		Depth and Anchoring	>
		Fuel	×
		Vessel Type	Powerboat
	'Switching'	Switching	>
		Hull ID Number	Not Entered
		System Profiles	>
		< Back	
01:22#			× Close

3) Press 'NMEA Standard'

Switching M	enu			
		CZone™		>
		SeaStar™		>
	'NMEA Standard'	NMEA Standard		>
		<	Back	
01:234				× Close

- 4) The following screen is where the switches will need to be configured for their name, label, desired behavior and whether the switch will be visible or hidden.
- You can also name switches inside the 'Switching Page' however that method is best suited for minor changes.

NMEA Stand	ard			
Name	Label	Configuration	Visibility	Shown
Switch 140	1	Latching		
Switch 140	2	Latching	Configuration	Latching
Switch 140	3	Latching	Label	
Switch 140	4	Latching	Nome	Switch 1401
Switch 140	5	Latching		Switch 1401
Switch 140	6	Latching		
Switch 140	7	Latching		
Switch 140	8	Latching		
Switch 140	9	Latching		
Switch 141	0	Latching		
	\land	\checkmark		
			Ba	ack
01:23Å				× Close

Visibility:

When selected to 'Shown' the switch will be visible and able to be used inside the 'All Switches List' later used when setting-up the 'Switching page(s)'. When selected to 'Hidden' the switch will not appear as an option to choose inside the 'All Switches List' when later building the 'Switching Page(s)'. Reference the Garmin switch number definition to understand which switch numbers you wish to 'Hide' and wish to set visibility to 'Shown'.

Configuration:

Garmin supports two switch behaviors; these switch behavior type names are 'Momentary' and 'Latching'. Latching switch type operates where one press turns the load on and the next turns the load off. Momentary switch type operates where the load is turned on only when the switch is being actively pressed and turns off immediately after the switch is no longer being pressed.

Label:

The 'Label' field supports 5 spaces to label your switches short name such as 'Fwd', 'Aft', 'Port', 'Stbd', 'Front', 'Rear', or in the case of if the circuit was a future-use 'Accessory' switch then maybe this field could state the max current capacity of the circuit such as '15A', '10A', '5A', Etc. to represent how many amps current the circuit has been configured for.

Name:

Enter the switch's desired primary name by entering the 'Name' menu.

Once all the 'NMEA Standard' switch configuration is complete you are ready to navigate back to the 'Switching Page' to begin customization.

Switch Styles

Garmin supports three switch visual styles, these switch Styles are 'Rocker', 'Silver Push Button' and 'Black Push Button' these switch styles have no effect on the switch behavior and is only an appearance difference.

To change switch styles, follow this process:

- 1) From any menu press: 'Home'; 'Vessel' then 'Switching' to get to the 'Switching Page'
- 2) Once on the 'Switching Page' press 'Options' located in the lower right corner of the screen.
- 3) In the 'Switching Menu' press 'Switch Style'

			Р	age 1			Switching Menu	I.	
					1-1	:*	Setup		>
Switch 1429	Switch 1430	Switch 1431	Switch 1432	Switch 1433	Switch 1434		Switch Style		Rocker
Switch 1437	Switch 1438	Switch 1439	Switch 1440	Switch 1401	Switch 1402				
							Edit Overlays		2
							8	Back	
01:205	☆ Settings								X Close

Switch Style, 'Silver Push Button':



Page 1 Switch 1429 Switch 1430 Switch 1431 Switch 1432 Switch 1433 Switch 1434 Switch 1435 Switch 1436 Switch 1437 Switch 1438 Switch 1439 Switch 1440 Switch 1401 Switch 1402 Switch 1403 Switch 1404 Switch 1405 Switch 1410 Switch 1406 Switch 1407 Switch 1408 Switch 1409 Switch 1411 Switch 1412 ♥ Mark sos **(i)** : $\widehat{}$ 01:22Å Info Waypoints Options

Switch Style, 'Black Push Button':

Changing a Page Name

To change a page name, follow this process:

- 1) From the 'Switching Page' press 'Options'
- 2) Press: 'Set Up'
- 3) Press: 'Edit Page'
- 4) Press: 'Name'

Garmin / MPower Setup Guide

			Р	age 1		E Se	etup		
					'Name'		Name		Page 1
Switch 1429	Switch 1430	Switch 1431	Switch 1432	Switch 1433	Switch 1434		Edit Switches		\rightarrow
							Add BoatView Im	nage	>
-	-		-	-	-				
Switch 1427	Switch 1429	Switch 1420	Switch 1440	Switch 1401	Switch 1402	t			
						1			
-	—	-	_	-	-				
							K Ba	ack	
01:20#	☆ Settings								X Close

5) Type desired name into buffer

Switching Pa	ge Name									
			Exai	mple <mark>_</mark> _						
q	w	е	r	t	у	u	i	0	p 1	
а	S	d	f	g	h	j	k		\sim	
z	x	С	V	b	n	m	<	>	Clear	
Car	icel	ÀÈØ			Space		123		Done	
01:34հ									Close	

Deleting Switches

The default view of the Garmin 'Switching Page' shows all available switches. The Garmin 'Switching page' has a limited buffer size per page. This buffer limit changes based on which MFD is being used, which switch style is being used, and what else is on the screen alongside the switching page. For customization of the 'Switching page' with limited effort it is best to start with a blank page. Deleting all visible switches on the page can be more efficient than rearranging the switches. It is recommended to delete all visible switches before starting to build the 'Switching Page(s)'.

To Delete Switches, follow this process:

- 1) From the "Switching Page" press: "Menu"
- 2) Press: "Set Up"
- 3) Press: "Edit Page"
- 4) Press: "Edit Switches"
- 5) Highlight desired switch and Press: "Remove Switch"
- Ensure you scroll up / down the page to delete all switches

E	dit Switches	5										
			•	alact a 9	witch t	o Edit				Restore Default Vi	ew	
		'Remove Switch'							Replace All Switch	nes	>	
	Accessory	Horn	Ctsy Lights	Bilge Pump	Blowers	Wind Vent Open	Wind Vent Closed	Deck Lig		Replace Switch		>
										Remove Switch		
	Fresh Wat- er Pump	Raw Water Pump				Scroll Up	/ Down			Configure Switch		
									\sim			
										<	Back	
	01:355											× Close

Adding / Replacing Switches

Adding Switches to the 'Switching Page' can be done in any open switch location. Once the switches are in their desired places you can also simply swap one switch for another for further fine adjustments. Both actions require almost the same process to achieve.

To Add or Replace Switches, follow this process:

- 1) From the 'Switching Page' press: 'Options'
- 2) Press: 'Set Up'
- 3) Press: 'Edit Page'
- 4) Press: 'Edit Switches'
- 5) A) Highlight blank location to add desired switch and press 'Add Switch', select: 'All' switch category, find and select desired switch
- 'All Switches' category contains only the switches configured in the 'NMEA Standard' as 'Visible'
- 5) B) Highlight switch desired to be replaced and press 'Replace Switch' select: 'All' switch category, find and select the desired switch

Edit Switche							
	s	elect a Sw	vitch to Edit			Restore Default View	
						Replace All Switches	>
	Highlight E	3lank Area					
				'Add Switch'		Add Switch	>
					\sim		
					\sim		
						K Back	
10:494							×
							Close
The second se							
Edit Switche	S						_
Edit Switche	s	elect a Su	vitch to Edit			Restore Default View	
Edit Switche	s	Select a Sw	vitch to Edit			Restore Default View	
Edit Switche	s S Highlight Ex	Select a Sw	vitch to Edit ch "R	eplace Switch		Restore Default View Replace All Switches	>
Edit Switche	S Highlight Ex Horn Ctsy Lights	Select a Sw Kisting Switch Bilge Pump	vitch to Edit ch "R Blowers Wind Vent	eplace Switch		Restore Default View Replace All Switches Replace Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights	Select a Sw Kisting Switch Bilge Pump	vitch to Edit ch Blowers Wind Vent Open	eplace Switch Wind Vent Closed Deck	Lig	Restore Default View Replace All Switches Replace Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights	Select a Sw tisting Switch Bilge Pump	vitch to Edit ch 'R Blowers ^{Wind Vent}	eplace Switch Wind Vent Closed Deck	Lig_	Restore Default View Replace All Switches Replace Switch Remove Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights	Select a Sw Cisting Switch Bilge Pump	vitch to Edit ch Blowers Wind Vent Open	eplace Switch Wind Vent Closed Deck	Lig.	Restore Default View Replace All Switches Replace Switch Remove Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Select a Sw Kisting Switch Bilge Pump	vitch to Edit ch 'R Blowers Wind Vent Open	eplace Switch Wind Vent Closed Deck	Lig.	Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Select a Sw Kisting Switch Bilge Pump	vitch to Edit ch 'R Blowers ^{Wind Vent} Open	eplace Switch Wind Vent Closed Deck	Lig	Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Select a Sw cisting Switc Bilge Pump	vitch to Edit ch 'R Blowers Wind Vent Open	eplace Switch Wind Vent Closed Deck	Lig_	Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Select a Sw disting Swite Bilge Pump	vitch to Edit	eplace Switch Wind Vent Closed Deck		Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	>
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Belect a Sw Kisting Switch Bilge Pump	vitch to Edit ch 'R Blowers Wind Vent Open	eplace Switch Wind Vent Closed Deck	Lig.	Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Select a Sw Cisting Switch Bilge Pump	vitch to Edit	eplace Switch Wind Vent Closed Deck	Lig.	Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Select a Sw sisting Swite Bilge Pump	vitch to Edit ch 'R Blowers Wind Vent Open	eplace Switch Wind Vent Closed Deck		Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	
Edit Switche	S Highlight Ex Horn Ctsy Lights Raw Water Pump	Select a Sw cisting Switc Bilge Pump	vitch to Edit ch 'R Blowers ^{Wind Vent} Open	eplace Switch Wind Vent Closed Deck		Restore Default View Replace All Switches Replace Switch Remove Switch Configure Switch	> >

• 'Replace Switch' shortcut:

From 'Switching Page',(No Options Menu) press and hold on a switch name. Select new switch desired from list that appears.

Adding a "Boat View Image"

Adding a 'Boat View Image' is a great way to augment the 'Switching Page'. Drop 'Icons' and 'Place Switches' on the 'Boat View Image' that are associated with the digital switching circuits for further customization. Garmin supports both .png and .jpeg file formats for the 'Boat View Image'.

 It may be necessary to adjust the size of your 'Boat View Image' depending on the image size and MFD. Utilizing any software that can resize an image such as Microsoft® Paint® can accomplish the desired appeal for your image.

•

To Add a 'Boat View Image', follow this process:

- 1) Take photographs or use renderings of your vessel you desire to add to this page. Load these images to an SD or Micro SD card (depending on the MFD model) placed inside a folder named 'Garmin'. If a 'Garmin' folder does not exist on your SD card, create one.
- 2) From the 'Switching Page' Press: 'Options'
- 3) Press: 'Set Up'
- 4) Press: 'Edit Page'
- 5) Press: 'Add Boat View Image'



6) Press: 'Load from Card'



Maretron°

7) Select / Compare images you loaded onto card

Select Image					
Compatible Im	ages		Open		
Vessel Side	View .png		_		_
Vessel Top	/iew.png				
		$\overline{}$	<	Back	
				<u> </u>	
02:15M					X Close

Example 'Horizontal' orientation:



Example 'Vertical' orientation:

	Example		Setup	
		:+	Name	Example
	Horn Bilge Pump Ctsy Lights Deck Lights	Wit Ope	Edit Switches	×
			Change Image	×
			Place Switches	>
	Fresh Water Raw Water		Boat Image	Show
1			Orientation	Vertical
· .				
			K Back	
02:16% 🔅 Settings				X Close

8) See your selected image. Next, to overlay / drop 'lcons' onto the image press: 'Place Switches'





9) Select / highlight the switch you desire to 'Place' then Press: 'Change Icon'

Place Switches				
Name	lcon	Positioned	Set Position	>
Horn				
Nav Lights			Change Icon	>
Anchor Lights	'Change Icon'			
Ctsy Lights				
Deck Lights				
Spreader Lights				
Accessory				
Bilge Pump				
Livewell				
Fresh Water Pump				
<u> </u>	\sim			
			K Back	
02:29#				X Close

10) Select desired Icon from visual list of icon types

Place Switches			
Name	lcon	Positioned	None
Horn	Ċ		
Nav Lights	÷	~	() Default
Anchor Lights		~	🔆 Light
Ctsy Lights		~	
Deck Lights	*	~	±∽ Pump
Spreader Lights		~	👯 Fan
Accessory			
Bilge Pump		~	
Livewell	ſ	~	😴 Surveillance
Fresh Water Pump			5 Entertainment
\wedge	\sim		
			Back
11:534			× Close

Maretron°

11) After selecting the desired icon for a switch, press: 'Back' then press 'Set Position', a crosshair icon will appear over your loaded image, move this crosshair icon using your finger on the touchscreen or using the four arrow keys at the bottom of the page. Once the desired position is reached, drop the circuit 'Icon' on the 'Boat View Image' by pressing 'Set Position'.



12) Repeat process as desired



Adding a Switching Page Overlay

Adding an 'Overlay' will allow you to fill pertinent data to the 'Switching Page(s)'. You can use this feature to add almost any MFD data feature to the 'Switching Page(s)'

• Please note that if you have multiple 'Switching Pages', 'Overlay' additions will be applied to all 'Switching Pages'

To Add an 'Overlay', follow this process:

- 1) From the 'Switching Page' Press: 'Options'
- 2) Press: 'Edit Overlays'



3) Select from 'Data', 'Navigation', 'Top Bar', or 'Bottom Bar'. Choose 'Top Bar' or 'Bottom Bar' to show a 'Compass Tape', Choose 'Navigation' to show or hide Navigation data. A walkthrough procedure for the 'Data' addition will be shown step by step below. First, Press: 'Data'

dit Overlays					
)ata' 📥	Data		None
			Navigation		Auto
		Top Bar		Off	
		Bottom Bar	Bottom Bar		Off
	Switching				
			<	Back	
02:35Å					× Close



4) Select where you want 'Data' to appear. In this example 'Side Bar' was chosen.

Data				
		GPS Speed		Side Bar
	representation area. Here, 'Side Bar has been selected and is shown.			Тор Ваг
			GPS Hdg (COG)	Double Side Bar
			Water Temp.	None
	Select the desired overlay data layout, and select any data box to change the information			
	displayed there.		Depth	
			Time of Day	
			GPS Position	< Back
02:35 %				× Close

- 5) After choosing the location of 'Data' fill the desired data by selecting / highlighting each box containing data and then following the prompts to select the desired data to fill each box.
- 6) Press "Back" button until you see your new "Switching Page"
- The below example features 'Data / Side Bar' and 'Bottom Bar / Compass Tape'



Saving a Switching Page Preset

A 'Switching Page Preset' is a saved setting of some or multiple switch states. For example, a 'Preset' could be named 'Fishing Mode' where the desire is that multiple pumps needed for this mode will need to turn On. Saving a 'Preset' for 'Fishing Mode' will allow for all desired pumps to turn On with the touch of a single button. In the following Example a 'Preset' named 'Go Boating' will be added.

To add a 'Preset', follow this process:

- From the 'Switching Page' Press: 'Options'
 Press the 'Preset' tab with the star



3) Press 'New'





4) Enter 'Preset' name

Preset Name										
			G	io Boat	ting _					
q	w	е	r	t	у	u	i	Ο	р	\uparrow
а	S	d	f	g	h	j	k	1		×
z	x	С	v	b	n	m	<	>	Cle	ear
Cancel À È Ø		Space			123		Do	ne		
01:41%										X Close

- 5) Highlight desired switches to be controlled and press: 'Include'
- Do this for each switch that is desired to be controlled. The current status of the 'Included' switch(s) will be what is saved for the 'Preset'. There is also an option to 'Include All' or 'Exclude All'. If a Green bar is present under the circuit 'Value', the circuit is On, if the green bar is extinguished the circuit is Off.

Go Boat	ng			
Include	Setting	Value	Filter	All
	Ctsy Lights			
~	Bilge Pump		Include	Yes
~	Blowers		Include All	
~	Deck Lights			
~	Fresh Water Pump		Exclude All	
~	Raw Water Pump		Move Up	
			Move Down	
				Done
	\wedge	\checkmark		
	Circuits will be applied in th	ne order listed.		Back
01:41#				× Close





6) Once the 'Include' selection is complete press: 'Done'



7) To use 'Presets' press: 'Options' then select the 'Preset'

• See above: 'Go Boating' has been executed after pressing

Saving your 'System Profile'

Saving your 'System Profile' enables all 'User setup' parameters to be saved to an SD card. This becomes very valuable to both the end user and the OEM for various reasons. In the case of the end user needing this data to be saved, the end user may desire to upgrade their MFD and when they do, having the 'System Profile' handy will eliminate the need for the customer to have to set-up the new MFD. In the case of the OEM, suppose an OEM has an assembly line of the same boat, one after another. It would be cumbersome to build each MFD profile including the 'Switching Pages' from default for each. Having this profile will allow the OEM to load their profile over and over again ensuring that nothing was missed and there is time efficiency on the assembly line.

To Save your 'System Profile', follow this process:

1) With an SD card inserted into the MFD's SD card slot and from any page press: 'Options' in the bottom right corner of the screen then, 'Settings', 'My Vessel'

2) Press: 'System Profiles'

My Vessel			
		Transducers	>
		Depth and Anchoring	>
		Fuel	>
		Vessel Type	Powerboat
		Switching	>
		Hull ID Number	Not Entered
	'System Profiles'	System Profiles	>
		K Back	
02:58Å			× Close

- 3) Press: 'Save to Card' then 'New'. When prompted, enter the desired profile name and press: 'Done'
- If 'Save to Card' does not appear, check your SD card is inserted into the Garmin. The SD card must use a FAT32 file system and cannot be an SDXC type. FAT32 is typically found in SD cards 32GB or less.



The same process is used to 'Load a Profile' to a Garmin, only when a 'Profile' is saved to an SD card and the SD card is inserted, press: 'Import from Card' in step 3 rather than 'Save to Card'.

For More Information

For further information about Maretron's MPower Digital Switching solutions, please visit,

https://www.maretron.com/