

AXIOM MFD logs and backups:

Important: Crash Logs/User Data get erased when you perform a "**Power on Reset**", so ensure you save all the logs <u>before</u> you reset a unit!

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Crash Logs

Save the Crash logs from the unit, to the uSD card.

This saves all the Logs to the uSD card: HomeScreen > Settings > Network > Diagnostics > Save Logs:

			Rayn	na	rine			
<			Set	ting	5			
Getting started Product	Boat details	Units	This display	A	nopilot	Network		
A000M 9 RV E70367	0670427 (This displa	e) - DM						
ADDM PRO 16 TVX	70373 1171339							
					Produc	at info	4	
					Save lo	ngs (0)		
					Save M	IFDs crash logs	8	
					Save a	ratem logs		
					Erase k	-	S	Diagnostics
								Data sources

The MFD will save various files to the uSD card:

Make sure you include all the files within the "logs" folder when sending them to Raymarine.





Diagnostics Data

Go to the Master MFD:

The following saves the Diagnostics system list and information to the uSD card: HomeScreen > Settings > Network > Diagnostics > Product info > Save Data:

<	Product information	×
FIGUEL DUILUE VEISION.	3.7.40	
Product family:	AXIOM PRO	Save data
Product ID:	E70373	
Product name:	AXIOM PRO 16 RVX	
Rx5 base map version:	1.22-00029	
Subnet mask:	255.224.0.0	
Supply current:	2.3A	
Supply voltage:	13.9V	
Temperature CPU die:	43.0°C	

The MFD will create a "Diagnostics_.json" file on the uSD card, which will be located within the folders: Raymarine > My Data

	organize
Removable Disk (L:) >	Raymarine 🔸 My Data
^	Name
	Diagnosticsjson

If desired, you can open this file in Notepad++:

🔚 Diagn	osticsjson 🔀	
70		"unit_up_time_hours": "12hours"
71		},
72		"product name": "AXIOM PRO 16 RVX",
73		"product type": "mfd",
74		"serial no": "E70373 1171339"
75	- },	—
76	- "Ra	ymarine i70 Display 0910415": {
77		"diagnostics": {
78		"application version": "3.16",
79		"can address": "02",
80		"product id": "E22172",
81		"product name": "Raymarine i70 Display"
82		
83		"product name": "Raymarine i70 Display",
84		"product type": "n2k",
85		"serial no": "0910415"
86	- F.	-
87	- "Ra	ymarine i70 Display 1110846": {
88	F I	"diagnostics": {
89	T	"application version": "3.16",
90		Lan address



Save Waypoints / Routes / Tracks

To save the Routes / Waypoints / Tracks to the uSD card, go to the <u>Master</u> MFD & click the following:

HomeScreen > My Data > Import/Export > Save my data > Save all data > click on the card location: (i.e. External 1)



Ensure you're happy with the default name of the file, then click Save:

<	Save as X													
	Archive	<												
	1	2	2	4	5	6	7	0	0	0				
		2	3	4	3	0	′	٥	9	U				
	Q	w	E	R	Т	Y	U		0	Р				
	А	S	D	F	G	н	J	К	L					
	CAPS	Z	Х	С	۷	В	Ν	М	úe0	₩т.				
	< > Save													

The MFD will create an Archive.GPX file on the uSD card with all the user's Waypoints / Routes and Tracks.

To load these files back onto the MFD, click on "Import from card".



Save System Settings

Be aware - This back-up will **Not** save all MFD settings – such as the following:

- MFD units
 - o i.e. Metres instead of Feet
- SONAR
 - Depth Offset
 - o Transducer Selection
 - o Temperature Calibration
 - Speed Selection/Calibration
 - Paired Keypads
 - o i.e. RMK-10
- Radar
 - o Paired Wireless Radar (i.e. Quantum)
 - Radar Overlays i.e. AIS Targets
 - o Radar Target Reference Modes (i.e. Relative instead of True)

To save the MFD System Settings to the uSD card, go to the <u>Master</u> MFD & click the following: HomeScreen > My Data > Import/Export > Save settings > click on the card location (i.e. External 1)

<		My data		×	< <	h	mport/export	×
					mport/	export from card		▲ Eject SD card
Waypoints	Routes	racks	2 8 9 7 8 Fuel/Trip	Files	Import from	m card	Save my data Last backup: 27/06/2019 Dashboard aon settinos, for each c	Save settings
		_						
	('↑')	$\overline{\frown}$			i Info			
	Import/export	Eject SD card			Save file to	:	1	🖾 External 1

Ensure you're happy with the default name of the file, then click Save:

<					Sav	e as					×
	Setting]s_27_0	6_2019							<	
	1	2	3	4	5	6	7	8	9	0	
	Q	W	E	R	Т	Y	U		0	Ρ	
	А	S	D	F	G	Н	J	К	L		
	CAPS	Z	х	С	V	В	Ν	М	úc0		
	<	\mid							Sa	ve	

The MFD will create a "Settings.Ih3" file on the uSD card, located within the folders: **Raymarine > My Data**

(L:) >	Raymarine > My Data
^	Name
	Settings_27_06_2019.lh3

To load these files back onto the MFD, click on "Import from card".



Log N2K (STng) data to card

In you want a save SeaTalk^{ng} (NMEA2000) data to the uSD card, then:

- Go to the Master MFD
- Using your Computer, copy a file at the root of the uSD card, with the name log_stng_data • Note – the file has <u>no</u> file extension (i.e. ".txt" or ".pdf" or "doc" etc...)

Name	Туре	Size	
🗋 log_stng_data	File		0 KB

Rx 58264029 1d ef ff cc 21 8c 33 40 00 e2 02 0b From:cc PGN:126975

Tx 58264038 1c ff 68 01 3b 9f ff ff ff ff ff ff From:01 PilotControlHeadHeartbeat Tx 58264038 1c ff 68 01 3b 9f ff ff ff ff ff ff From:01 PilotControlHeadHeartbeat Tx 58264039 1c ff 68 01 3b 9f ff ff ff ff ff ff From:01 PilotControlHeadHeartbeat

If you insert the card and boot up the MFD, the MFD will start logging CAN frames to • filenames called nmea2000_YYYYMMDD_HH.log to that card (so you get one file per hour)

Example file below:

N	ame		^						Ту	/pe				S	ize	
	nmea20	00_	201	807	25_	06.	log		Te	ext l	Doc	um	ent	t	34,832 KB	
Rx	58263962	09	f8	02	d0	00	fc	31	9f	48	00	ff	ff	From:d0	CogSogRapidUpda	ate COG:233.5deg,SOG:1.4kts
Тx	58263963	19	f1	1a	01	ff	ff	ff	ff	f8	00	ff	ff	From:01	MagneticVariati	ion
Rx	58264020	09	f1	12	сс	ff	3d	8c	ff	7f	ff	7f	fd	From:cc	VesselHeading H	leading:205.7deg
Rx	58264021	09	f1	13	сс	ff	66	be	ff	ff	ff	ff	ff	From:cc	RateOfTurn	
Rx	58264021	09	f1	19	сс	ff	ce	96	31	f5	6f	02	fe	From:cc	Attitude	
Rx	58264022	09	f1	0d	сс	fc	f8	ff	7f	ff	7f	ff	ff	From:cc	Rudder	
Rx	58264022	09	f1	0d	сс	00	ff	ff	7f	8c	eb	ff	ff	From:cc	Rudder	
Rx	58264023	09	f8	01	d0	c1	ab	45	22	fb	2b	99	03	From:d0	PositionRapidUp	date Position: (57.499130,6.03699
Rx	58264024	1c	ff	4f	cc	3b	9f	ff	ff	ff	3d	8c	ff	From:cc	PilotHeading	
Rx	58264024	1c	ff	50	сс	3b	9f	ff	ff	ff	ed	7a	ff	From:cc	PilotLockedHead	ling
Rx	58264028	1d	ef	ff	cc	20	0d	3b	9f	fO	81	84	e6	From:cc	PGN:126975	