G-PILOT / 3000 / 2100 Series Specs

NAVMAN

	3380	3100
Operating voltage	10.5 V to 30.5 V DC	10.5 V to 16.5 V DC
Supply voltage	8 V – 30 V DC	
Current @13.8 V (backlight on)	410 mA	75 mA
Current @13.8 V (backlight off)	160 mA	
Operating Temperature	32 to 122 °F (0 to 50 °C)	32 to 122 °F (0 to 50 °C)
Display Type	Daylight viewable 256 color TFT	Mono - Segmented
Screen size (diagonal)	3.8" (97 mm)	3.9" (100 mm)
Number of buttons	11	4
Rotary Control Dial	✓	
Mounting method	Flush mount or bracket	Flush mount
Variable Backlight	✓	4 levels
Backlight - Night Mode	✓	
Waterproof (IPx6, IPx7)	✓	From front only
Dedicated Dodge keys	✓	
Turn modes - 90° and 180°	✓	
On-screen installation wizards	✓	
Animated turn screens	✓	
Power Button	✓	
Data screen / Data logging	✓	
SmartCraft™	✓	
Languages	English, French, German, Dutch, Swedish, Finnish, Spanish, Portuguese, Italian and Greek	English only
External Alarm	200 mA (switch to ground)	
NavBus in/out	✓	

	G-PILOT CORE PACK
Fluxgate Compass	UV stable enclosure suitable for above or below deck mounting, c/w 5 meter lead and connector
Rate Gyro Standard	UV stable enclosure suitable for above or below deck mounting, c/w 5 meter lead and connector
Rudder feedback sensor	Waterproof Hall effect 360 degree rotation, Glass filled nylon, c/w 10 meter lead and connector

	Master Control Unit (MCU)
Operating voltage	10.5 to 16.5 V DC
Drive output current	20 A
Drive output voltage	10.5 to 16.5 V DC
Multiple display head capable	✓
Navbus	✓
NMEA ports	1
NMEA Input messages	APA, APB, BOD, BWC, MWD, MWV, RMA, RMB, RMC, VHW, VTG, XTE
NMEA Output ports *	1
MNEA Output messages	HDG, HDT, RSA
Rudder Gain adjustment	User adjustable 1-10
Counter rudder adjustment	User adjustable 1-10
Adjustable turn rate limit	User adjustable 1-10
Remote control input	Auto Indicator, Auto, > and < buttons
Jog inputs	Non follow up
Hardware current limit	Fixed protection > 25 A
User selectable current limit	2 to 20 A user selectable
Protective fuses	(Internal) 2 x 20 A ATC Blade
Clutch/Auto relay output	300 mA / 30 V max (switched to negative in Auto)
Valve/Solenoid output	User Selectable Switched to Negative/Positive 20 A max
Reversing Pump/Motor output	20 Amp Max
Small mounting footprint	150 mm x 250 mm

3000 / 2100 Series

	3100 series	2100 series
Operating Voltage	10.5 to 16.5 V DC	8 to 16.6 V DC
LCD Display Type	Twisted Nematic TN Temperature Compensated	Twisted Nematic, top view
Display Size	2.4" x 3.2" (61 x 82 mm)	0.7" x 1.3" (18 x 34 mm)
Max Character Size	1.5" (38 mm)	0.6" (14 mm)
Backlighting	4 levels, variable amber	Red LED
Operating temperature	32 to 122° F (0 to 50°)	
Non volatile memory	✓	
Installation	One hole 2" (50 mm) - no screws	
Depth behind face plate	2" (50 mm) min	3.75" (95 mm) min
Keypads	backlit laser etched	
Water Integrity	IPx6 from front (will withstand submersion or direct spray)	
External Alarms	✓	
Power Consumption Backlighting on	R3100, S3100, W3100: 100 mA, W3150: 140 mA; D3100: 190 mA, M3100: 220 mA	D2100: 60 mA S2100, F2100: 70 mA
Backlighting off	R3100, S3100, W3100: 60 mA, W3150: 90 mA; D3100: 150 mA, M3100: 180 mA	

Fuel Features	DIESEL 3200	FUEL 3100	FUEL 2100
Digit size	1.2" (30 mm) upper and 0.8" (20 mm) lower		0.8" (20 mm)
Fuel flow, used and remaining	Single & Twin Engines	Single & Twin Engines	Single Engine
Fuel economy and range (with speed input)	✓	✓	
Variable low fuel alarm	✓	✓	✓
Gasoline		✓	✓
Diesel	✓		
Trip and total fuel consumption	✓	✓	✓
Fuel remaining	✓	✓	✓
Non-volatile memory	✓	✓	✓
Low Fuel Alarm	✓	✓	✓
Maximum Range / Display	130l/h, 30g/h, 35USg/h		
Digital engine tachometer input included	✓		

Gasoline Transducers

- Back pressure generated by the gasoline/ petrol fuel sensor on the feed line: ½ inch/ mercury with a 75 liter/ hour consumption, 1 inch/ mercury with a 150 liter/ hour consumption.
- Always be careful not to exceed the maximum back pressure for your engine when adding additional components to a fuel system. If in doubt, check with your engine supplier and have your local dealer measure the existing back pressure in your system before fitting the fuel flow sensor.