

Forward Looking Sonars

	FLS Platinum	FLS Gold III	FLS Silver III	FLS Bronze
Voltage	12-24V dc	12-24V dc	12-24V dc	12-24V dc
Current Consumption	750 mA Max.	200 mA Max.	200 mA Max.	100 mA Max.
Operating Frequency	200 KHz	200 KHz	200 KHz	200 KHz
LCD Type	COLOUR Transflective CCFL Backlit	Monochrome Transflective CCFL Backlit	Monochrome Transflective CCFL Backlit	Monochrome Transflective LED Backlit
LCD Viewing Area	144 x 80mm	120 x 70mm	110 x 60mm	81 x 45mm
LCD Resolution	400 x 240 pixels	240 x 128 pixels	228 x 116 pixels	126 x 64 pixels
Max.Forward Range	200m	200m	200m	100m
Max. Depth Range	100m	100m	100m	50m
FLS Transducers	Professional Only	Standard or Professional	Standard or Professional	Standard or Professional
Depth Units	Metres or Feet	Metres or Feet	Metres or Feet	Metres or Feet
Log Units	Knots/KPH/MPH	Knots/KPH/MPH	Knots/KPH/MPH	-
Demo Mode	Yes	Yes	Yes	Yes
Test Mode	Yes	Yes (Hidden)	Yes (Hidden)	Yes
Repeater Option	Yes	Yes	No	No
Alarm	Shallow	Shallow	Shallow	Shallow
NMEA Input	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Depth/Log	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Depth/Log	-	-
NMEA Output	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Depth/Log	NMEA 0183 ver 2.0 Depth/Log	-	-

Guidelines on Forward Range:-

- Actual displayed forward range of the FLS is determined by the depth of the seabed and its shape.
- For a flat, muddy seabed – forward distance detected is 3 –5 times the depth.
- For seabeds shoaling upwards and obstructions straight ahead – the distance detected can be much further!
- Rocks and coral give stronger echoes and therefore give a better display.
- Floating objects can give good echoes but will depend on the object's size shape and orientation in the water. The smaller the object, the harder it is to detect (floating logs are tricky for example).
- The sea state will also have an effect on detection of floating objects (more chance of detection in flat water!)

Forward Looking & Sidescan Sonars
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	Wreck Finder	Sidescan 3D
Voltage	12-24 V dc	12-24 V dc
Current Consumption	200 mA Max.	200 mA Max.
Operating Frequency	200 KHz	200 KHz
LCD Type	Transflective CCFL Backlit	Transflective CCFL Backlit
LCD Viewing Area	120 x 70mm	120 x 70mm
LCD Resolution	240 x 128 pixels	240 x 128 pixels
Max.Forward Range	150m (forwards or sideways)	150m (forwards or sideways)
Max. Depth Range	75m	75m
FLS Transducers	Professional Only	Professional Only
Depth Units	Metres or Feet	Metres or Feet
Log Units	Knots/KPH	Knots/KPH
Demo Mode	Yes	Yes
Test Mode	No	No
Repeater Option	No	Yes
Alarm	Shallow	Shallow
NMEA Input	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Depth/Log	NMEA 0183 ver2.0 GPS Pos/Waypoint & Depth/Log
NMEA Output	NMEA 0183 ver 2.0 Depth/Log	NMEA 0183 ver 2.0 Depth/Log
Wreck Classification Software	Yes	No

Depth & Speed with GPS Repeater
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	Bronze+Trio	Bronze+Depth	Bronze+Log
Voltage	12-24 V dc	12-24 V dc	12-24 V dc
Current Consumption	100 mA Max.	100 mA Max.	100 mA Max.
Operating Frequency	100 - 200 KHz	100 - 200 KHz	-
LCD Type	Transflective LED Backlit	Transflective LED Backlit	Transflective LED Backlit
LCD Viewing Area	81 x 45mm	81 x 45mm	81 x 45mm
LCD Resolution	126 x 64 pixels	126 x 64 pixels	126 x 64 pixels
Max. Depth Range	100m+	100m+	-
Depth Transducers	EchoPilot 150 KHz depth transducer. Also option for other manufacturers transducers.	EchoPilot 150 KHz depth transducer. Also option for other manufacturers transducers.	-
Log Transducers	EchoPilot log transducer. Also option for other manufacturers transducers.	-	EchoPilot log transducer. Also option for other manufacturers transducers.
Depth Units	Metres or Feet	Metres or Feet	-
Log Units	Knots/KPH/MPH	-	Knots/KPH/MPH
Test Mode	Yes	Yes	Yes
Repeater Option	Yes (via NMEA)	Yes (via NMEA)	Yes (via NMEA)
Alarms	Shallow/Deep	Shallow/Deep	Shallow/Deep
Built In GPS Repeater	Yes	Yes	Yes
NMEA Input	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Depth/Log	NMEA 0183 ver2.0 GPS Pos/Waypoint & Depth	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Log
NMEA Output	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Depth/Log	NMEA 0183 ver2.0 GPS Pos/Waypoint & Depth	NMEA 0183 ver 2.0 GPS Pos/Waypoint & Log

Wind with GPS Repeater

	Windmaster
Voltage	12-24 V DC
Current Consumption	100 mA Max.
LCD Type	Transflective LED Backlit
LCD Viewing Area	81 x 45mm
LCD Resolution	126 x 64 pixels
Wind Direction Displays	0 -360° (Full) 60° - 0 - 60° (Close Hauled) 120° - 0 - 120° (Reaching)
Wind Speed	0 - 100 Knots
Wind Sensor	CV3F Ultrasonic sensor or other NMEA compatible wind sensor
Test Mode	Yes
Repeater Option	Yes (via NMEA)
Alarms	Wind Speed Alarm
NMEA Input/Output	NMEA 0183 ver 2.0