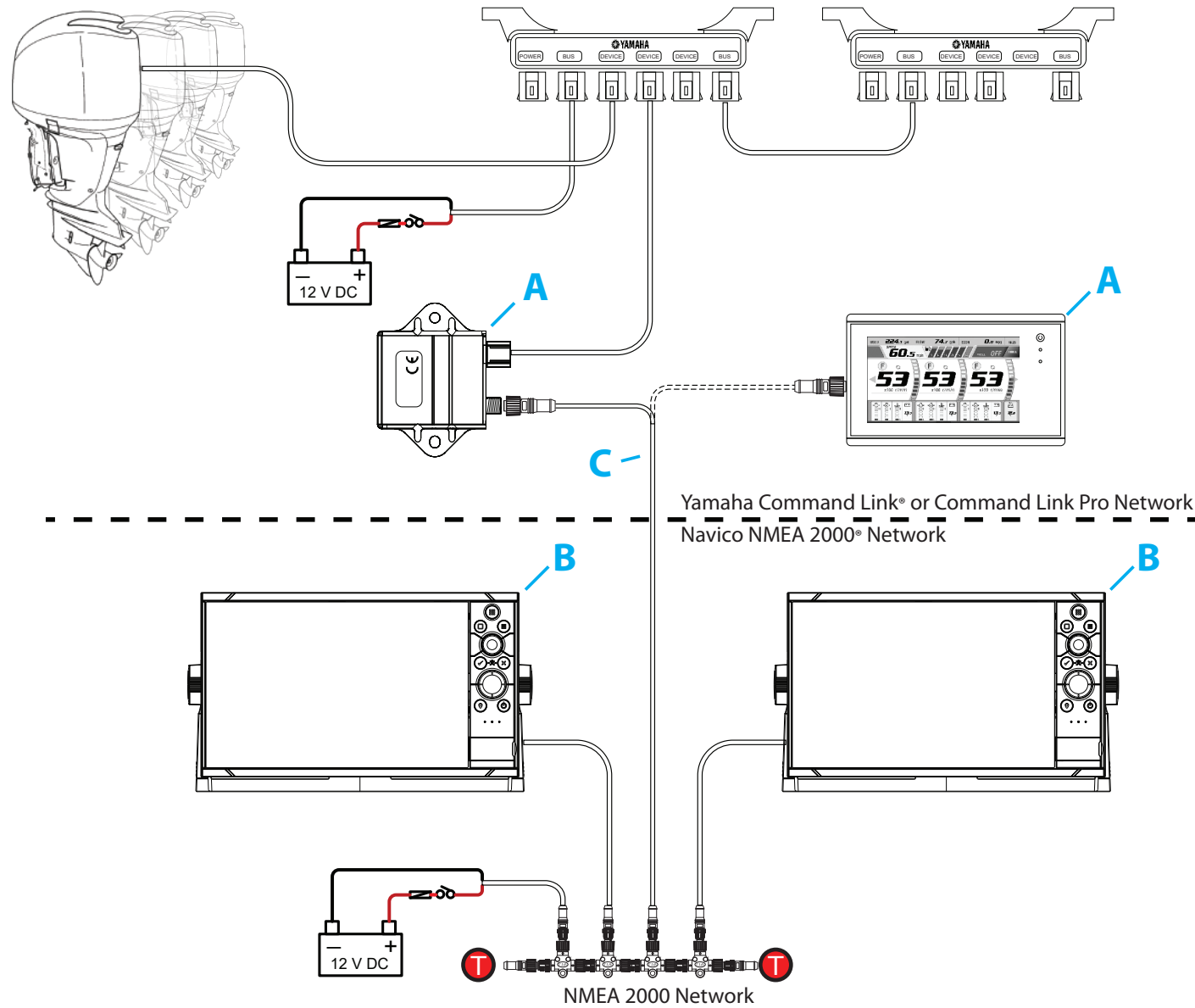


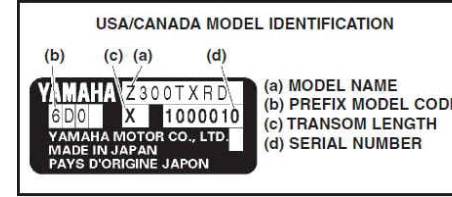
Yamaha Command Link, Command Link Pro integration with Simrad or Lowrance Multifunction displays

4 Engine max
(See list of compatible engines)



A	Yamaha features can be unlocked using Gateway module (6YG-8A2D0-00-00) with the MFD running version 18.2 (60.1.xx) or above. OR Yamaha CL7 Gauge will also unlock the Yamaha features on the MFD. → Note: Do not use Gateway and CL7 together on the same network.
B	Compatible Multifunction display SIMRAD NSSevo3, NSOevo3, NSSevo2, NSOevo2, GO7, GO9, GO12. Lowrance HDS GEN3, HDS Carbon. With software version 18.2 (60.1.xxx) or greater.
C	NMEA 2000 drop cable (max length 6 m 20 ft) 000-0119-88 - N2KEXT-2RD - 0.61 m (2-ft) NMEA 2000® 000-0127-53 - N2KEXT-6RD - 1.82 m (6-ft) NMEA 2000® 000-0119-86 - N2KEXT-15RD - 4.55 m (15-ft) NMEA 2000® (N2K-T-RD T - Micro-C T-connector also required)

Supported Yamaha Engines



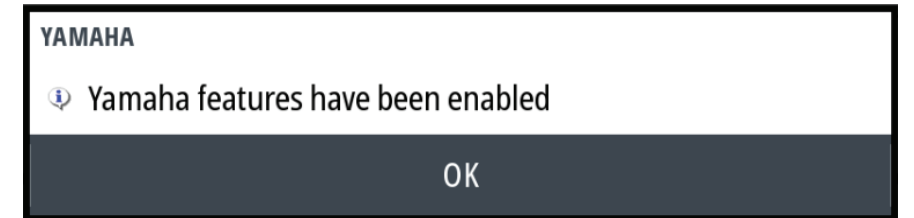
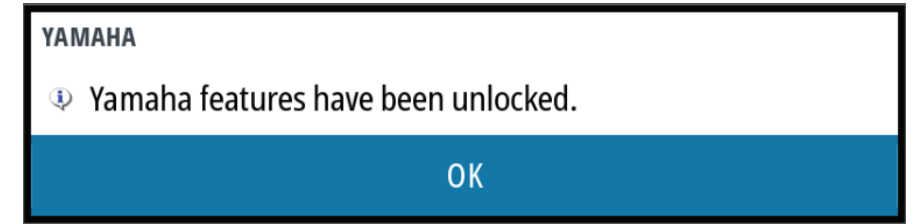
Factory model name	US model name	Code	Digital Network Meter	Digital Network Meter + Digital Electric Control
			Command Link Engine data	Command Link Plus Throttle control
F25GE(T)*	F25*C	6FM	—	—
F30B*	F30*A	6BT	—	—
F40F*	F40*A	6BG	—	—
F50H*	F50*B	6C1	—	—
F60F*	F60*B	6C5	—	—
FT50J*	T50*B	6C2	—	—
FT60G*	T60*B	6C6	—	—
F70A*	F70*A	6CJ	—	—
F75B*	F75*A	6D6	—	—
F75C*	—	6BC	—	—
F75D*	F75*B	6HW	—	—
F80B*	—	6D7	—	—
F90B*	F90*A	6D8	—	—
F90C*	F90*B	6FP	—	—
F100D*	—	6D9	—	—
F100F*	—	6HJ1	—	—
F115A*	F115*A	68V	—	—
FL115A*	LF115*A	68W	—	—
F115B*	F115*B	6EK	—	—
FL115B*	LF115*B	6EL	—	—
F115C*	VF115*A	6FN	—	—
F130A*	F130*A	6EM	—	—
F150C*	VF150*A	6EH	—	—
F150D*	F150*B	63P	—	—
FL150D*	LF150*B	64P	—	—
F150F*	—	6BM	—	—
FL150F*	—	6BN	—	—
F150G*	F150*CA	6HP	—	—
FL150G*	LF150*CA	6HR	—	—
F175A*	F175*A	6FA	—	—
F175B*	VF175*A	6FH	—	—
F175C*	F175*CA	6HS	—	—
FL175C*	LF175*CA	6HT	—	—
F200B*	—	6S1	—	—
FL200B*	—	6S2	—	—
F200C*	F200*A	6AL	—	—
FL200C*	LF200*A	6AM	—	—
F200D*	VF200*A	6CD	—	—
F200F*	F200*B	6DA	—	—
FL200F*	LF200*B	6DB	—	—
F200G*	F200*CA	6DV	—	—
FL200G*	LF200*CA	6DW	—	—
F225B*	F225*A	6AS	—	—
FL225B*	LF225*A	6AT	—	—
F225D*	VF225*A	6CC	—	—
F225F*	F225*CA	6CL	—	—
FL225F*	LF225*CA	6CM	—	—
F250A*	F250*A	6P2	—	—
FL250A*	LF250*A	6P3	—	—
F250C*	VF250*A	6CB	—	—
F250D*	F250*CA	6CG	—	—
FL250D*	LF250*CA	6CH	—	—
F250G*	—	6DX	—	—
FL250G*	—	6DY	—	—
F250J*	VF250*A	6FR	—	—
F300B*	F300*CA	6CE	—	—
FL300B*	LF300*CA	6CF	—	—
F300C*	F300*A	6JA	—	—
FL300C*	LF300*A	6JB	—	—
F350A*	F350*CC	6AW	—	—
FL350A*	LF350*CC	6AX	—	—

: Applicable
—: Not applicable

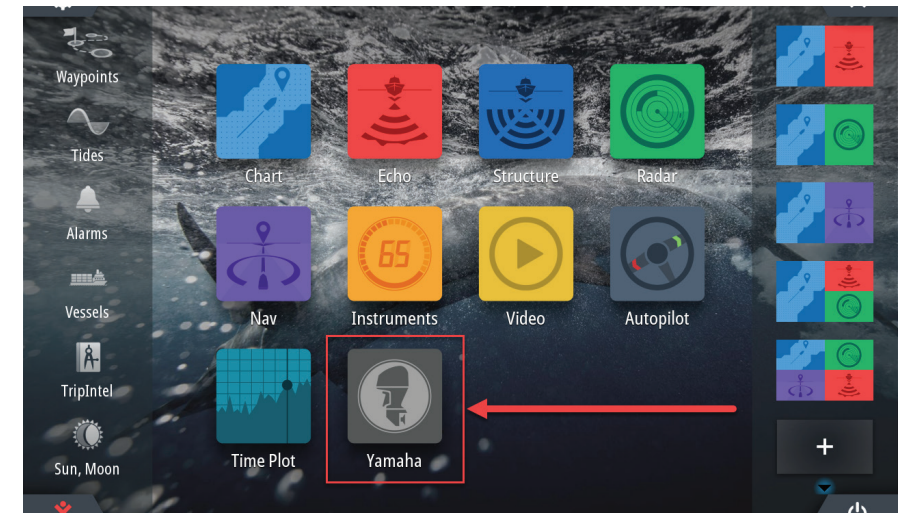
SETUP

Power on the MFD.

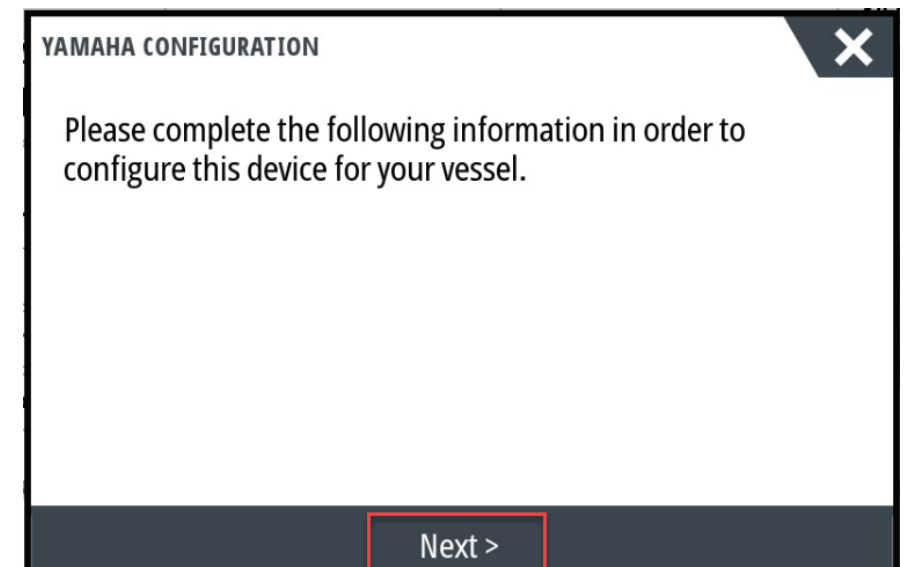
If a compatible gateway is detected the Yamaha features are enabled.



There will be a Yamaha icon on the Home page and a Yamaha setup wizard under settings.



The first time the Yamaha features are used follow the Yamaha setup wizard. It can be accessed from the side menu at any time. This will need to be done on each MFD unit.



Set number of Engines: If you have four engines and two side-by-side displays you can select the Quad P to display the two port side engines on one screen and Quad S to display the starboard pair on the other screen.

Single

Twin

Triple

Quad

Quad P

Quad S

Twin

Tank setup

The Yamaha interface can display upto six tanks (1-6).

Tank Gauges in the Yamaha interface require a Fluid level sensor and each tank sensor is linked to tank position 1-6. The gauges do not display vessel's fuel remaining based on fuel used.

→ **Note:** Please see the section "Advanced: Setting up NMEA 2000 Tank Sensors" on this page.

Select a tank sensor if available for tanks 1-6.

YAMAHA CONFIGURATION

Please select a fluid tank configuration

1 2 3 4 5 6

Sources None

Type None

Tank capacity None

Tank level EP-65R Fluid Level [1815194.1](Fuel)

EP-65R Fluid Level [1124631.0](Fuel)

6YG8A2D000 [6YGA9000014.1](Fuel)

6YG8A2D000 [6YGA9000014.0](Fuel)

<Previous Next >

Select the edit button to go to the fluid level sensor setup: Tank's size, fluid type and calibration are done there. (See "Setting up NMEA 2000 Tank Sensors")

YAMAHA CONFIGURATION

Please select a fluid tank configuration

1 2 3 4 5 6

Sources EP-65R Fluid Level [1124631.0](Fuel)

Type Fuel

Tank capacity 299.9 L

Tank level 100.0%

<Previous Next >

Calibrate the engine trim

YAMAHA CONFIGURATION

Please calibrate trim level

PORT % 0

STBD % 0

Trim all engines to fully down position. If trim level is not 0%, push SET.

Calibrate trim level to 0%. SET

<Previous Next >

TRIM LEVEL CALIBRATION

Trim level has been calibrated to 0%

OK

Calibrate the fuel flow

YAMAHA CONFIGURATION

Please calibrate the fuel flow.

1 %

Set a % offset to fuel flow SET

Offset

<Previous Next >

YAMAHA CONFIGURATION

Configuration is nearly complete. These settings can be changed at any time in the Settings menu

< Previous Finish

Advanced: Setting up NMEA 2000 Tank Sensors

Setup of NMEA 2000 fluid level sensors is required before the Yamaha page can display tank levels.

Below is how to setup Navico fluid level sensors (000-11518-001) or EP-65.

Outline:

- Set number of tanks
 - Configure Fluid levels sensors for Fluid Type, Instance and Capacity
 - Set Data Sources
 - Configure Yamaha tank settings
- The following is how to setup two fuel tanks fitted NMEA 2000 fluid level sensors:
- Select HOME (PAGES)
 - Select FUEL >VESSEL SETUP
 - Set number of fuel tanks

VESSEL SETUP

Fuel remaining measurement

Fuel consumed by engine(s)

Number of Engines 2

Number of Fuel Tanks 2

Vessel total fuel capacity (L) 1000

Nominal fuel consumption (NM/L) 0.1067

Save Cancel

Configure Fluid Level Sensors

Select HOME(PAGES) > Settings > Network > Device List. Select a Fluid Level Sensor from the device list:

DEVICE LIST

Model ID	Serial No.
AC42 Autopilot	011207#
EP-65R Fluid Level [255] (Unknown)	1815194
EP-65R Fluid Level [255] (Unknown)	1124631
M016-T	09D7#
M017 m2 Echo (DSE 56 1 1A2)	This device

Select Configure

EP-65R FLUID LEVEL - DEVICE INFORMATION

Device: EP-65R Fluid Level

Name:

Manufacturer: Lowrance

Software Ver: 2.0.0 SM201D

Model: 1.5.0

Address: 1

S/N: 1815194

Instance: 255

Status: OK

Configure

Alarms

Calibrate

Data

Assign a tank's instance number, then Yes to change:

EP-65R FLUID LEVEL - DEVICE CONFIGURATION

Configuration

Device EP-65R Fluid Level

Tank Unknown

Fluid type 1

Tank size (L) 2

Advanced Options 3

Instance 255 4

5 Unknown

Unconfigure

WARNING

Are you sure you want to change the tank instance?

Yes No

Set the fluid type to Fuel and the capacity >OK:

EP-65R Fluid Level

1

Unknown

Fuel

Water

Gray water

Live well

Oil

Black water

Unknown

TANK SIZE

0500.00

1	2	3	-
4	5	6	+
7	8	9	
	0		

OK Cancel

Set the source for each tank sensor:

YAMAHA CONFIGURATION

Please select a fluid tank configuration

1 2 3 4 5 6

Sources None

Type None

Tank capacity EP-65R Fluid Level [1815194.1](Fuel)

Tank level EP-65R Fluid Level [1124631.0](Fuel)

6YG8A2D000 [6YGA9000014.1](Fuel)

6YG8A2D000 [6YGA9000014.0](Fuel)

<Previous Next >

Yamaha Engine data Integration

