GP1871F
GP1971F
FAQ

FURUNO
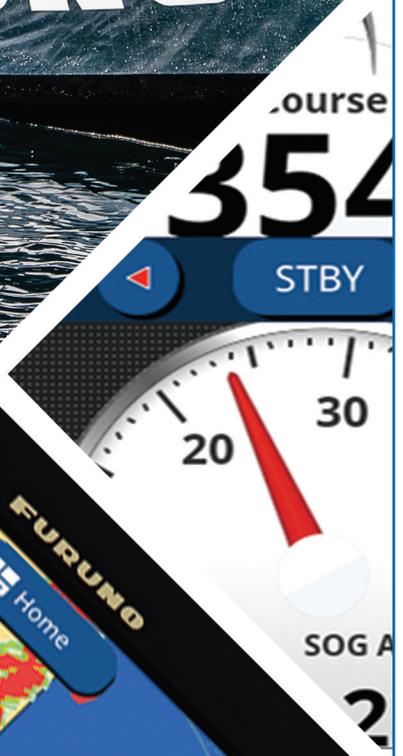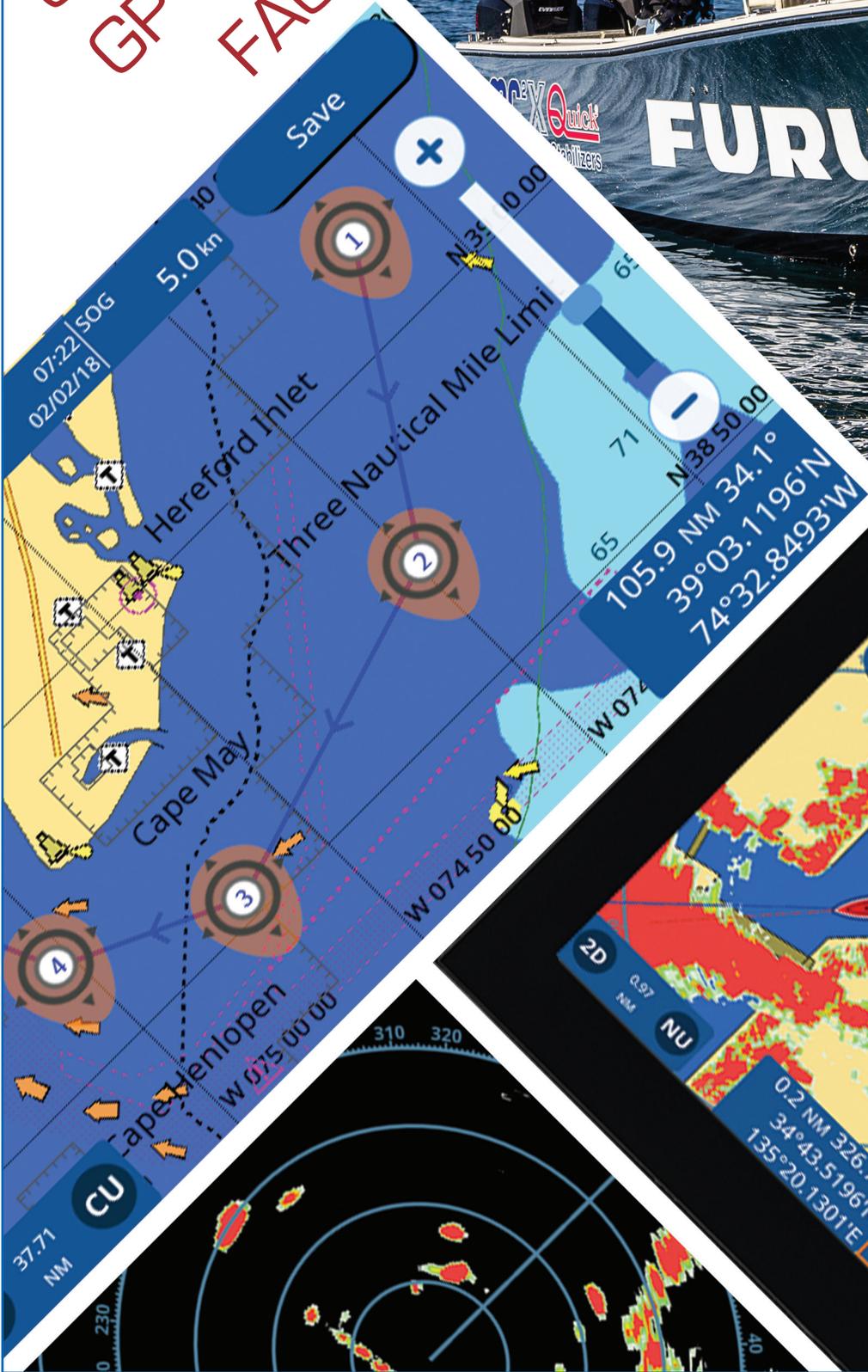
GP1871F/GP1971F FAQ

1) Can the GP1871F/1971F Combo units be connected to, and share the data with, a TZtouch or TZtouch2 MFD over an Ethernet network?

No. The GP1871F/GP1971F Combo units do not have a wired Ethernet port. The combo units can be connected with sensors via NMEA0183, NMEA2000 for data in/out, as well as connected to the DRS4W radar sensor via a Wi-Fi LAN connection. They can also be connected to the same NMEA2000 bus as a TZtouch or TZtouch2 MFD and share NMEA2000 data with those MFDs.

2) When connected on the same NMEA2000 bus as a TZtouch or TZtouch2 MFD, does active waypoint synchronization work?

No. GP1871F/GP1971F Combo units do not sync any information, including an active waypoint between each other (if more than one in a system), or when on a common NMEA2000 bus with a TZtouch or TZtouch2 MFD.

3) Can more than one GP1871F/GP1971F Combo unit be networked together or are they standalone? If so how many can be networked?

GP1871F/GP1971F Combo units were primarily designed to be standalone combo units. Up to four GP1871F/1971F Combo units can be connected to a common NMEA2000 bus. However, a max of two GP1871F/GP1971F Combo units can be connected to a DRS4W radar sensor at the same time. Also, only one GP1871F/GP1971F Combo unit can display the ¼ screen virtual Navpilot 300 or 711C control window at a time and only the unit connected to the transducer will display a sounder image.

4) Can the GP1871F/1971F Combo units be interfaced with the Furuno NavPilot 300 or 711C autopilot systems?

Yes, they can be interfaced to the NavPilot 300 autopilot system via the NMEA2000 port. Full NavPilot 300 and 711C control is possible from the display. GP1871F/1971F Combo units have a virtual Auto pilot quarter screen available for activating Auto, Nav, Dodge, and Standby modes.

5) Do the GP1871F/1971F Combo units have an "Auto Routing" feature?

Yes. GP1871F/1971F Combo units have "Easy Routing". Using a detailed C-Map chart and the safety parameters entered by the user, the GP1871F/1971F Combo unit will plot a route up to 100 nautical miles away.

6) What I/O ports are available on the GP1871F/1971F Combo units?

NMEA2000 (input/output), NMEA0183 (Input/output), microSD (2 slots, one for charts and the other for data management), wireless LAN (IEEE 802.11 b/g/n, 2.4 GHz), Bluetooth (future use with GC001 remote controller).

7) Do the GP1871F/1971F Combo units have built in GPS?

Yes. GP1871F/1971F Combo units have a 72 channel GPS core/antenna supporting WAAS, EGNOS, and MSAS.

8) What is the waterproof rating of the GP1871F/1971F Combo units?

IP56 – Front and back. They are rated for outside use.

9) Do the GP1871F/1971F Combo units have a night mode?

Yes, they have both a Day and a Night mode along with a brilliance control.

10) How can the GP1871F/1971F Combo units be mounted?

The GP1871F/1971F Combo units can be mounted in one of three ways: desktop bracket, overhead bracket and flush mount in a console. The GP1871F/1971F Combo units come standard with a mounting bracket, knobs and a flush mount kit.

11) Do the GP1871F/1971F Combo units have Loran TD display and navigation capabilities?

Yes. Loran TD functionality for the North Amnerica East Coast is available with version 3 sofwtare.

12) Can I connect an iPad, iPhone, iPod, or Apple iOS device to the GP1871F/1971F Combo units?

Yes. With version 3 sofwtare you can use the above devices with the Mirror App to view and control a GP18/1971F.

13) Can I use the NavNet apps with the GP1871F/1971F Combo units?

No.

14) Can I connect a Furuno DRS Radar sensor to the GP1871F/1971F Combo units?

Yes. The DRS4W First Watch Wireless Radar can be connected to the GP1871F/1971F Combo units via wireless LAN. Up to two devices can be connected to the DRS4W at the same time. That could be two GP1871F/1971F Combo units or one GP1871F/1971F and an Apple iOS device running the Furuno DRS4W radar sensor app.

15) Is heading required for radar overlay on the GP1871F/1971F Combo units?

Yes. Heading is necessary for radar display stabilization. Suggested heading sensors are the PG700, PG500 and SC30.

16) Can the GP1871F/1971F Combo units display weather information?

Yes, the GP1871F/1971F Combo units can download C-Weather when connected to the internet via wireless LAN. A total of up to five days can be downloaded.

17) How many points can be stored? How many routes can be stored?

Points: 30,000 points, Track: 30,000 points, Route: 1,000 routes (50 waypoints max for each route)

18) Which charts are preloaded on the GP1871F/1971F Combo units?

The worldwide base map is preloaded. The GP1871F/1971F Combo units are compatible with C-MAP 4D charts for detailed cartography and value-added data (VAD). Please see the C-Map website for a complete list of available detailed charts.

19) Do the GP1871F/1971F Combo units use MapMedia charts like NN3D, TZtouch and TZtouch2?

No, instead they are compatible with the C-MAP 4D cartographic world-wide database.

20) How/where are charts stored on the GP-1871F/1971F?

One of two microSD card slots at the left side of the display can read the detailed C-MAP 4D chart card. The other slot may be used for waypoints, user data storage, backup settings, log files, and screen shots.

21) Do the GP1871F/1971F Combo units support AIS data over NMEA2000?

Yes. PGNs 129038-041 are supported, including AIS ATONs.

22) Can Engine, tank & fuel data be displayed on the GP1871F/1971F Combo units?

Yes. Up to 4 engines and up to 6 tanks. The combo units can display 15 engine parameters. Available tank information that can be displayed is Fuel, Fresh water, Waste water, Black water, or Live well (detected automatically)

23) Do the GP1871F/1971F Combo units have a "Demo" mode?

Yes. The GP1871F/1971F Combo units have three demo modes along with two sounder simulations, RezBoost and CHIRP.

24) What transducers can be connected to the GP1871F/1971F Combo units?

Airmar and Furuno 50/200 kHz CW transducers (max. 1 kW), and Airmar single band CHIRP transducers 40-225 kHz (max. 1 kW). Please visit the GP1871F/GP1971F product pages for a complete list of compatible transducers.

25) Can a GP1871F/1971F Combo unit be connected to a Fusion radio?

No. Currently the GP1871F/1971F Combo units cannot control a Fusion radio and at this time there are no plans to add this functionality.

26) Can a GP1871F/1971F Combo unit be connected to a FLIR camera?

No. The GP1871F/1971F does not have any video inputs.

27) Can the Instance number of the GP1871F/1971F be changed?

Yes. The data output instance number of the GP1871F/1971F can be changed using a TZtouch MFD, TZtouch2 MFD, or a NMEA2000 gateway and a software program such as Maretron's N2KAnalyzer.

28) What file formats are available for exporting/importing GPS waypoints and routes?

GP1871F/1971F Combo units have three available data formats for export/import, GPX, CSV, and C-Map. GPX and CSV are common with TZtouch and TZtouch2 MFDs. C-Map is common with the GP1670F and GP-1870F GPS plotter/sounders.

29) What is the maximum power consumption?

Only 1 amp at 12 VDC and .5 amps at 24 VDC. The GP1871F/1971F Combo units have a LEN value of 1 for planning purposes.

30) What is the max memory card size that can be used in the GP1871F/1971F Combo units?

Max size of 32GB.

31) Do the GP1871F/1971F Combo units display a waypoint lollipop on the radar (if fitted) screen when navigating to an active waypoint?

Yes, the GP1871F/1971F Combo units will display a waypoint lollipop on the radar screen when there is an active waypoint.