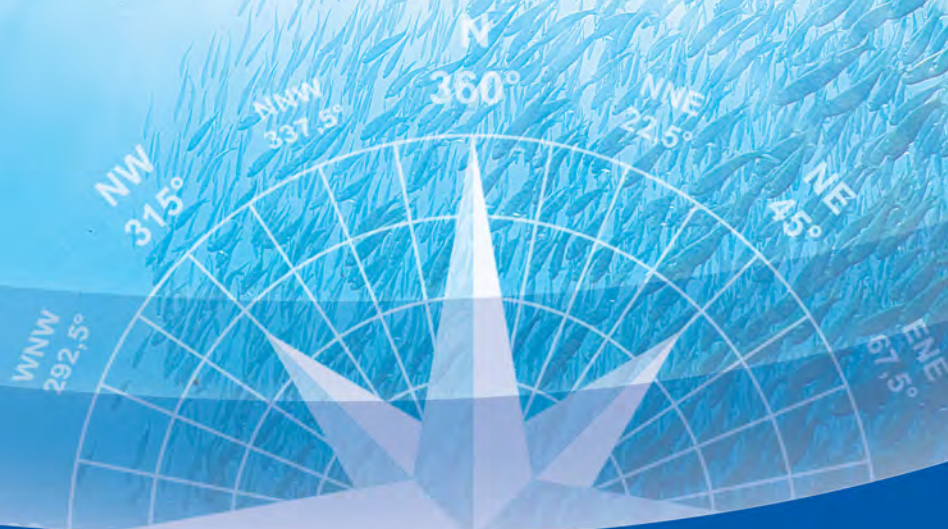


FURUNO



FAQ
FREQUENTLY
ASKED
QUESTIONS

TZMAP9
TZMAP13



1. System overview

Q1.SYS What models are in the TZMAP product range?

9" TZMAP9 and 13" TZMAP13.

Q2.SYS Can more than one TZMAP MFD be networked together or are they standalone?

TZMAP units were designed to be Stand-Alone MFDs.

Q3.SYS Can TZMAP MFDs be connected to, and share the data with, a TZtouch3 or TZtouchXL MFD over an Ethernet network?

No. TZMAP Stand-Alone MFDs cannot be networked with any NavNet series MFDs. TZMAP MFDs can connect to an NMEA2000 network for data input and output, select dome radar sensors, BBWX4 SiriusXM Weather Receiver, Fusion Link radios, and compatible HTML5 3rd Party Command Center applications. TZMAP MFDs are also part of the TIMEZERO/Furuno ecosystem, allowing user data to be saved and synchronized with other Furuno MFDs and TimeZero software through a My TimeZero account.

Q4.SYS When connected on the same NMEA2000 bus as a NavNet MFD, does active waypoint synchronization work?

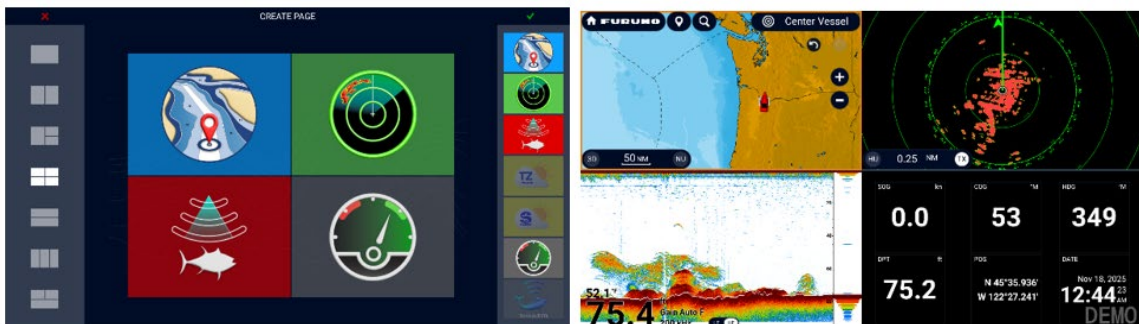
No. TZMAP MFDs do not sync any information, including active waypoints when on a common NMEA2000 bus with any NavNet MFD. If this functionality is required, please purchase a TZtouchE or TZtouchXL MFD.

Q5.SYS Do TZMAP MFDs come with built-in GPS/GNSS?

Yes. TZMAP MFDs have an internal built-in GNSS core/antenna. Supporting GPS, Galileo, QZSS. SBAS: MSAS, WAAS, and EGNOS.

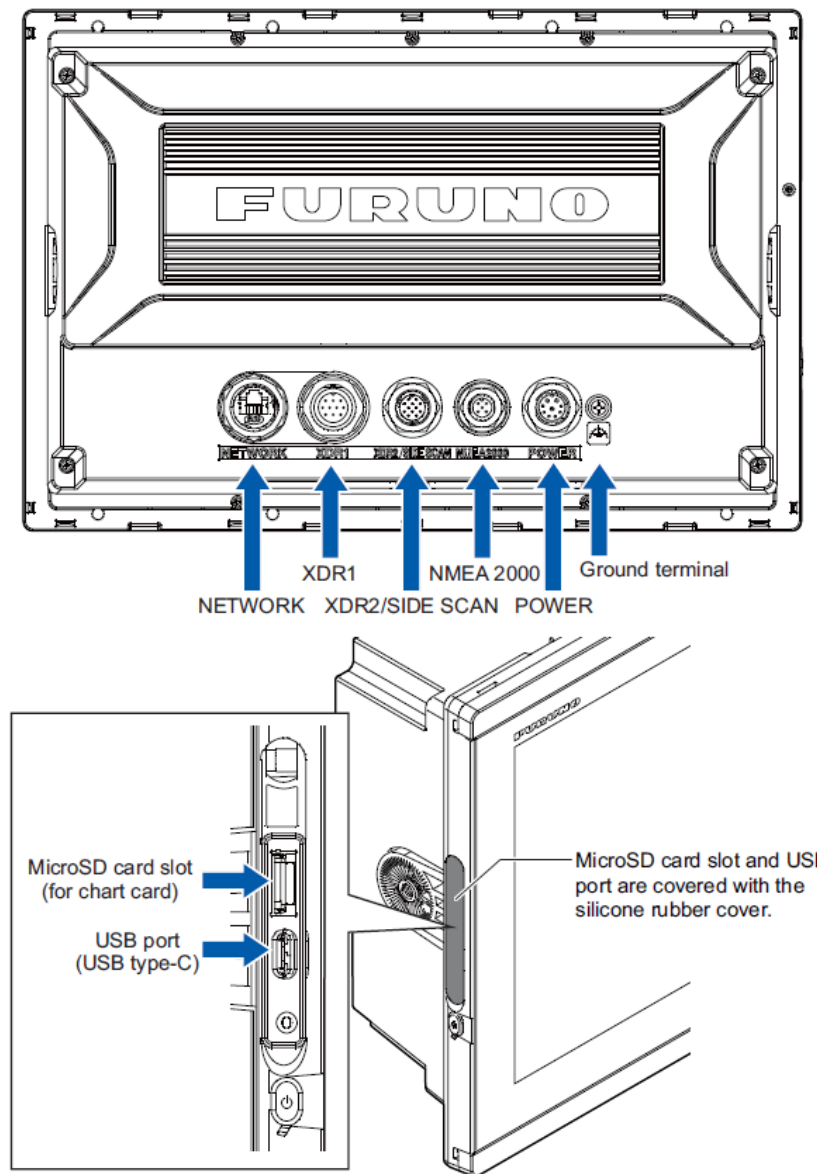
Q.6.SYS What are the maximum number of split screens per display page?

Four. TZMAP can have a combination of up to four (4) screens on a single display page.



Q7.SYS

What ports/connectors do TZMAP MFDs have?



Q8.SYS

What input/outputs are available on the power/data cable port?

The power/data cable has connections for power along with a NMEA0183 output.

Pin No.	Signal	Wire Color
1	PWR_IN+	Red
2	PWR_IN-	Black
3	SHIELD	—
4	N/C	—
5	N/C	—
6	NMEA_TD-B	Blue
7	NMEA_TD-A	White
8	N/C	—
9	N/C	—

Q9.SYS Can I use polarized glasses to view TZMAP MFDs?

Yes, polarized glasses are compatible with TZMAP MFDs.

Q10.SYS Can a TZMAP unit be interfaced with the Furuno NavPilot 300 autopilot?

Yes, they can be interfaced to the NavPilot 300 or NavPilot 711C autopilot system via the NMEA2000 port. Full NavPilot control is possible from the display. TZMAP Stand-Alone MFDs have a virtual Auto pilot screen available for activating Auto, Nav, Dodge, Turn, and Standby modes.

Q11.SYS Do TZMAP MFDs have an "Auto Routing" feature?

Yes. TZMAP MFDs include AI routing. Using a TZ MAPS chart* and the safety parameters entered by the user, TZMAP will automatically plot a route.

*** TZ MAPS chart must be unlocked and up to date**

Q12.SYS Can Engine, Tank, and Fuel data be displayed on TZMAP MFDs?

Yes. Just like TZtouchXL MFDs, TZMAP MFDs have extensive and fully customizable Engine and Data Monitoring pages. Engine (up to 6 engines), tank and fuel data via an NMEA2000 gateway may be displayed.

Displayable Engine Information			
Indicator	PGN	Indicator	PGN
Engine Speed	127488	Transmission Oil Pressure	127493
Engine Boost Pressure	127488	Transmission Oil Temperature	127493
Engine Trim Tilt	127488	Tank Level	127505 or Manual
Engine Oil Pressure	127489	Available Fuel	127505 or Manual
Engine Oil Temp	127489	Fuel Rate	127489
Engine Temp	127489	Fuel Economy	127489
Alternator Potential	127489	Fuel Consumption	127489
Total Engine Hour	127489	FTTE (Fuel Time to Empty)	127505 & 127489
Engine Coolant Pressure	127489	FDTE (Fuel Distance to Empty)	127505 & 127489
Fuel Pressure	127489	Battery Voltage	127508
Engine Load	127489	Battery Current	127508

***Information must be supported by the manufacturer's engine gateway**

Q13.SYS What is the waterproof rating of a TZMAP MFD?

IPX6 – Front and back.

Q14.SYS Do the TZMAP MFDs have Loran TD display and navigation capabilities?

Yes. TZMAP MFDs have a built-in conversion table that converts Lat/Lon to TDs.

2. Compatibility

Q1.COMP What DRS radar sensors are compatible with TZMAP MFDs?

The DRS4DL+, and the Solid State DRS2DNXT and DRS4DNXT.

Q2.COMP Is heading required for radar overlay on the TZMAP MFD?

Yes. Heading is necessary for radar display stabilization. The SCX20 is recommended.

Q5.COMP Are TZMAP MFDs compatible with IP/FLIR Cameras?

No, TZMAP MFDs are not compatible with any IP cameras including FLIR.

Q4.COMP Can I use an external Fish Finder or the DFF3D with a TZMAP MFD?

No. External Fish Finders nor the DFF3D, are compatible with TZMAP MFDs.

Q5.COMP Can I control a SiriusXM Satellite Radio using a TZMAP MFD?

Yes. TZMAP MFDs are compatible with SiriusXM audio, SiriusXM Weather and SiriusXM Fish Mapping via the BBWX4 SiriusXM weather receiver. (SiriusXM satellite radio service is only available for North America).

Q6.COMP Are TZMAP MFDs compatible with Maxsea TZ (TIMEZERO) software?

No. TZMAP MFDs are not compatible with TZ (TimeZero) software. If this functionality is required suggest purchasing a TZtouchE or TZtouchXL MFD.

Q7.COMP Can TZMAP MFDs be connected to a Fusion radio?

Yes. TZMAP MFDs can be connected to a Fusion Radio via Ethernet or NMEA2000 depending on the Fusion radio model. [Fusion Link Document](#).

Q8.COMP Are TZMAP MFDs compatible with CZone Digital Switching Systems?

Yes. TZMAP MFDs are compatible with CZone. Please see the "Technical Information" section of the TZtouchE MFD product page for more information. Click here for the [CZone Guide](#).

Q9.COMP Which Remote Controllers are compatible with TZMAP MFDs?

The MCU005 Ethernet controller, and MCU006/H NMEA2000 controllers are compatible with the TZMAP MFDs.



Keyboard
MCU-005

Ethernet



Enhanced Remote Controller
MCU-006H

NMEA2000



Enhanced Remote Controller
MCU-006

NMEA2000

Q10.COMP Can the TZMAP MFD display weather information?

Yes, TZMAP MFDs can download free TZ Weather when connected to the internet via wireless LAN. A My TimeZero account is required.

Q11.SYS Do TZMAP MFDs support AIS data over NMEA2000?

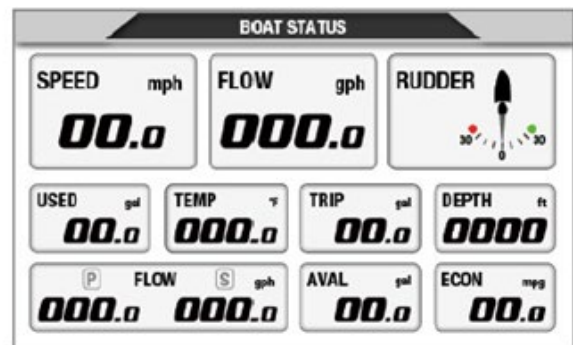
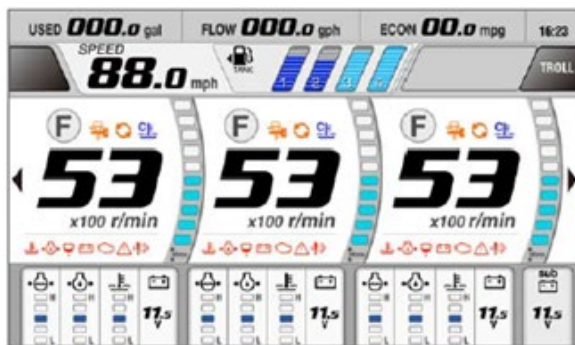
Yes. PGNs 129038-041 are supported, including AIS ATONs.

Q12.COMP Are standard Microsoft USB Mice, Pointing Devices, and Keyboards compatible with TZMAP MFDs?

No. TZMAP MFDs do not support USB devices such as mice, pointing devices, or keyboards. If this functionality is required, purchase a TZtouchXL MFD instead. Also, the rubber waterproof cover needs to be properly seated during normal use. The USB port is only used to Import/Export user data and can be used for software updates.

Q13.COMP Are TZMAP MFDs compatible with Yamaha Engine display modes?

No. TZMAP MFDs cannot show Yamaha engine graphics. Instead, Yamaha information is displayed using standard TZMAP gauges and graphics. Yamaha engine graphics require an HDMI input. TZMAP does not have an HDMI input. If this functionality is required, purchase a TZtouchXL MFD with an HDMI input (TZT16X, TZT22X, or TZT24X) instead.



Q14.COMP Are TZMAP MFDs compatible with the Suzuki Engine Mode?

Yes. The Suzuki engine mode offers unique Suzuki instruments gauges, Troll Mode, Suzuki engine alarms, and diagnostic QR codes.



3. Fish Finder

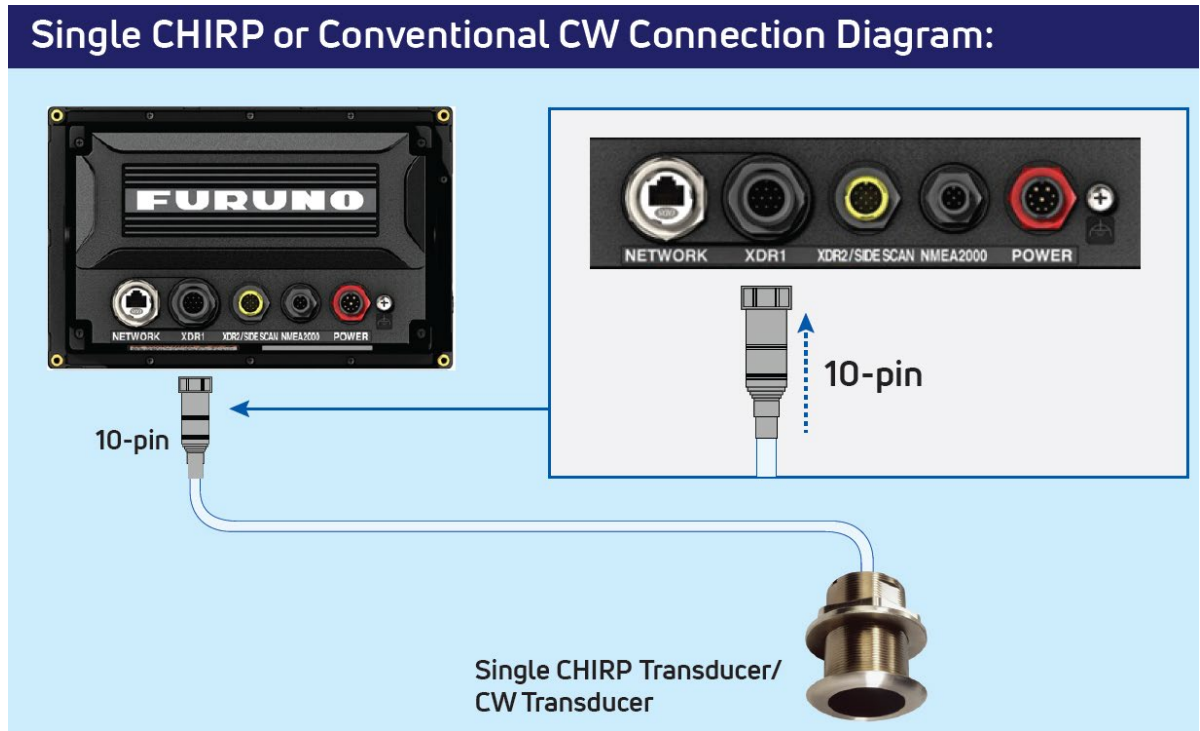
Q1.FF Is it possible to connect a Side-Scan transducer and a conventional down view transducer at the same time to the internal Fish Finder of a TZMAP MFD?

Yes. Possible combinations with the TZMAP Fish Finder are shown below.

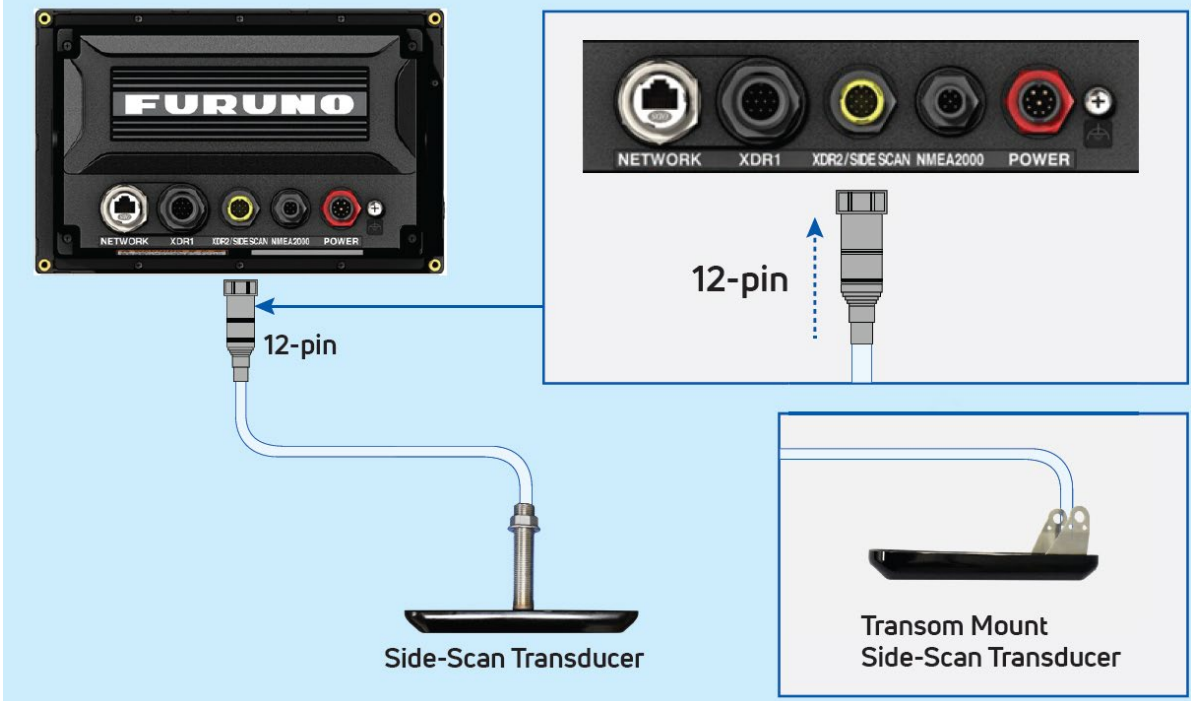
Possible Transducer Combinations:

Without Side-Scan	With Side-Scan
<ul style="list-style-type: none">➤ One single CHIRP is possible➤ One CW is possible➤ One single Mid-CHIRP + one CW is possible*	<ul style="list-style-type: none">➤ One single CHIRP + CHIRP Side-Scan is possible➤ One CW + CHIRP Side-Scan is possible

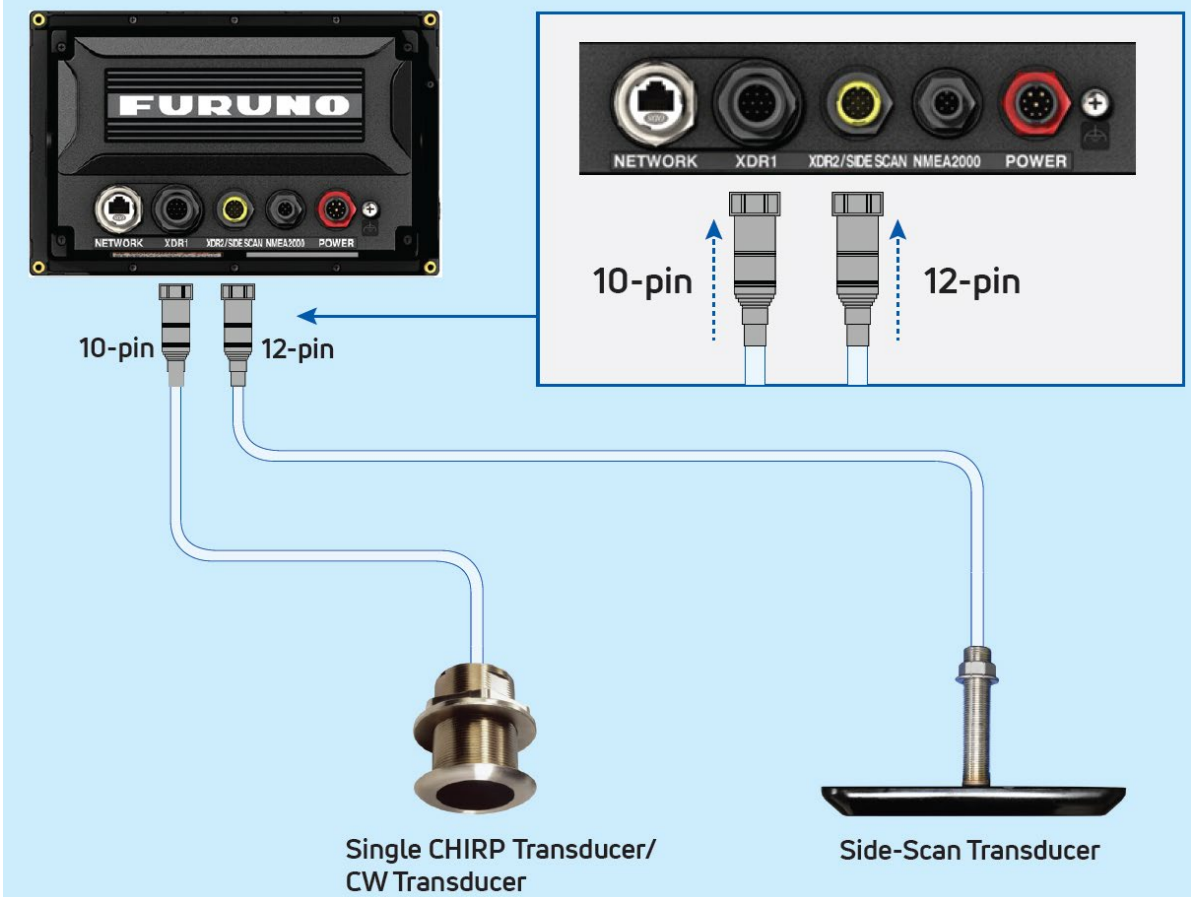
* CW information is only used for ACCU-FISH™ or Bottom Discrimination. CW target returns are not displayed, only the CHIRP returns.



CHIRP Side-Scan (230 kHz or 455 kHz) Connection Diagram:



CHIRP Side-Scan + Single CHIRP/CW Connection Diagram:



Q2.FF What TZMAP MFD Side-Scan frequencies are available?

230Khz or 455khz. Transducer dependent. Available Side-Scan transducers are Transom, Thru-hull and paired versions of both 230 or 455khz.

230Khz Chirp Side Scan Transducer part numbers

225T-PR904	Paired Thru-Hull CHIRP Side-Scan for NavNet TZtouch3 and TZtouchXL
225T-TM904	Transom Mount CHIRP Side-Scan for NavNet TZtouch3 and TZtouchXL
225T-SS904	Thru-Hull CHIRP Side-Scan for NavNet TZtouch3 and TZtouchXL

455Khz Chirp Side Scan Transducer part numbers

455T-PR903	Paired Thru-Hull CHIRP Side-Scan for NavNet TZtouchXL
455T-TM903	Transom Mount CHIRP Side-Scan for NavNet TZtouchXL
455T-SS903	Thru-Hull CHIRP Side-Scan for NavNet TZtouchXL

Q3.FF What transducers can be connected to the TZMAP Stand-Alone MFD?

Airmar and Furuno 50/200 kHz CW transducers (max. 1 kW), Airmar single band CHIRP transducers 40-225 kHz (max. 1 kW), and 230khz or 455khz CHIRP Side Scan transducers.

Please visit the TZMAP9 or TZMAP13 product pages for a complete list of compatible transducers.

4. NavNet Command Center, Apps, and Furuno/TZ ecosystem

Q1.MISC What Third party HTML5 Command Center Applications are available for TZMAP MFDs?

Below is a list of HTML5 .enc files that will be included in the initial release software.

- Airmar Seeker
- Ocean LED
- ZipWake
- SeaKeeper
- SeaKeepr Ride

[Click here](#) for Information concerning NavNet Command Center 3rd party applications. Additional Command Center Applications are continuously being added.

Q2.MISC Which Apple and/or Android Apps are compatible with TZMAP MFDs?

TZ [First Mate](#), and [TZ iBoat](#). You can connect an iPhone or iPad running TZ iBoat software and share navigational data along with routes and waypoints. NavNet Remote, NavNet Viewer, and NavNet Controller App are no longer supported.

Q3.MISC Do TZMAP MFDs offer a way to save user information to the cloud?

Yes. TZMAP MFDs are part of a complete [Furuno/TZ ecosystem](#) that offers a way to save and load user information such as waypoints, marks, routes, pictures, etc., to and from the cloud. A free "[My TimeZero](#)" account is required.

5. Installation

Q1.INST What display mounting options are available for TZMAP MFDs?

TZMAP9 and TZMAP13 are supplied with a tabletop bracket. For flush mount installations, the TZMAP13 is mounted from the front while the TZMAP9 is mounted from the rear. Installation materials are supplied for both bracket and flush mount installations.

Q2.INST What comes in the box?

- 9-pin Power/NMEA0183 out cable
- Mounting bracket and knobs
- Silicone rubber cover
- Quick guide and Installation manuals
- Installation materials

Q3.INST What optional cables are available?

Ethernet waterproof to waterproof (for use with HUB102)

- HUB-102-JMP .5m HUB102 to HUB102 connector cable
- 001-653-250-00 2m
- 001-653-260-00 5m
- 001-653-270-00 10m
- WRJ-ADP-05M .5m waterproof to field attachable RJ-45 connector.

Ethernet waterproof to non-waterproof

- 001-646-960-00 2m
- 001-646-980-00 5m
- 001-647-000-00 10m

Fish Finder 12pin to 10pin adapter cable

- 000-200-955-10 12-pin to 10-pin Transducer adapter cable
- AIR-033-270 Y-cable for depth and temperature

Q4.INST I have a GP1871F/1971F and plan on upgrading to a TZMAP unit. How do I get my user information such as waypoint, route, and marks out of my current unit and into a TZMAP unit?

From section 11.3.1 of the GP18/1971F Operator's Manual

- Insert a microSD card into one of the card slots on the left side.
- From the home screen tap [Settings]→[Files]→ [User Data].
- At [Export File Format], select GPX.
- Tap [Export to SD] at [Routes and Points].

- A pop-up message appears indicating that the system is saving the data to the microSD card. After the data is saved, a new message will pop up indicating that the save was successful.

From section 11.4 of the TZMAP Operator's Manual.

- Connect the microSD card containing the user objects to the USB Type C port.
- Home page→[Settings]→[Files]→[Import/Export].
- Tap [Import User Objects]. A list of files contained on the microSD card appears.
- Tap the file to import. You are asked if you want to proceed.
- Tap [OK]. The message "IMPORT SUCCEEDED" appears if the importing was successful.
- Tap [OK] to erase the message.
- Tap [X] on the title bar to finish and close the menu.

6. New TZ MAPS and MM3D legacy charts

Q1.MAPS What size microSD card comes standard in a TZMAP unit?

A 256GB microSD card, located on the left side of the display.

Q2.MAPS Which charts are pre-loaded on the 256GB Micro SD-Card?

The 256 GB MicroSD card included with every TZMAP MFD comes preloaded with a global base TZ MAPS chart. For North America, it also includes TZ MAPS for the region and MM3D vector charts for the U.S. East and West Coasts. Outside of North America, the card includes all available TZ MAPS coverage for the rest of the world.

Customers who want additional satellite imagery or expanded chart coverage can download these files directly to their system. Locked TZ MAPS chart areas can be purchased and unlocked right from the MFD when it's connected to the internet. Available free space on the chart card is as follows. Approximately 8GB for MFDs sold in North America and 48GB for ROW. For reference, Satellite photos and MM3D chart files are 2GB or less.

TZ MAPS charts can also be purchased through Furuno National Distributors and authorized dealers, just like MM3D charts.

Q3.MAPS What chart areas are available for TZ MAPS?

Link to complete TZ MAPS coverage areas, <https://mytimezero.com/tz-maps-catalog/>
You can also view the coverage areas on the TZtouchE MFD. Press Home, Charts, TZ MAPS store. Areas that are not covered by TZ MAPS are covered by MM3D charts.

Q4.MAPS Can I still use MM3D charts?

Yes. MM3D charts can still be used in TZMAP MFDs. Some areas such as India and most of Africa do not have TZ MAPS coverage yet. These and other selected areas will continue to use MM3D charts. You can also use MM3D charts in areas that have TZ MAPS coverage. However, without TZ MAPS unlocked for your area, you will not be able to take advantage of all the new features that TZ MAPS offers.

Q5.MAPS What advantages does TZ MAPS have over MM3D charts when used on TZMAP MFDs.

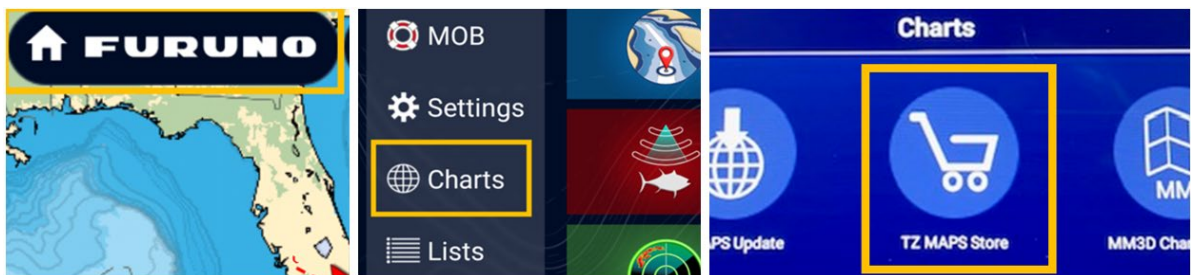
- AI auto routing
- BathyVision: high resolution depth contour lines dynamically generated from bathymetric data.
- Community edits: Chart improvements made and shared by Furuno TZtouchXL, TZMAP, TZtouchE, TimeZero Pro, TZ Navigator and TZ iBoat users.
- Ability to purchase and update TZ MAPS directly from the MFD.
- Other improvements such as new chart color palettes, open street maps, shaded bottom, terrain shading, etc.

Q6.MAPS How can I purchase TZ MAPS or MM3D charts for my TZMAP MFD.

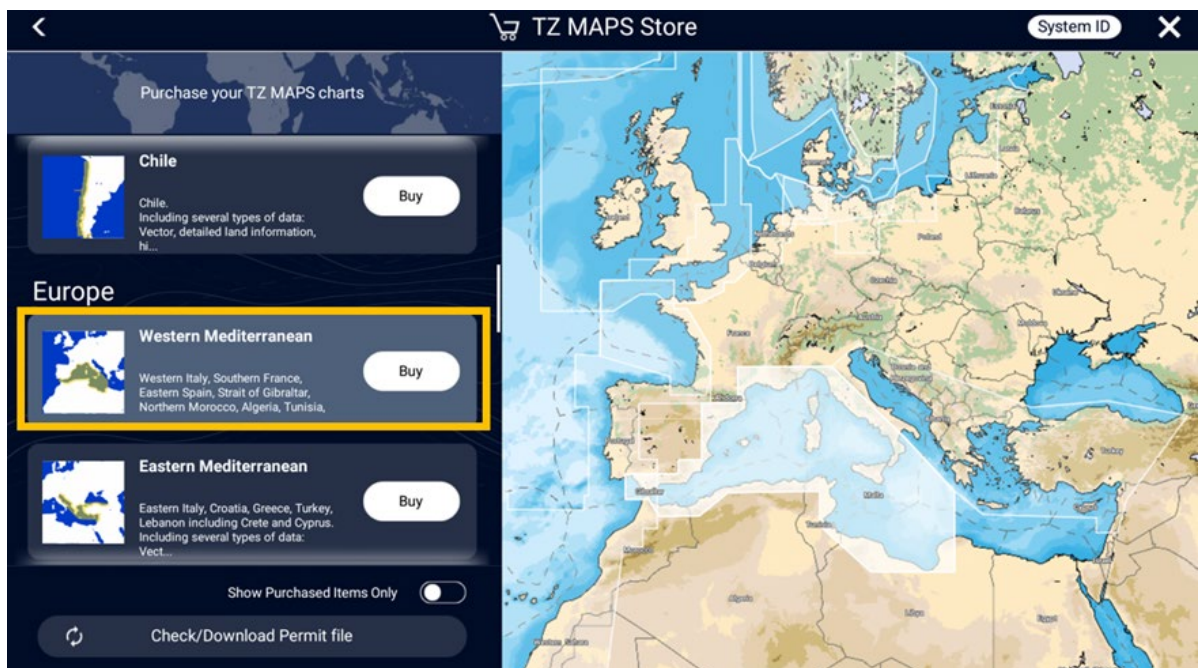
You can purchase TZ MAPS directly from the MFD using your credit card information. You can only purchase MM3D charts through your Furuno National Distributor and/or their authorized dealer network. See [TZ MAPS FAQ](#) for additional information.

Q7.MAPS What are the steps to purchase and unlock TZ MAPS directly from the MFD?

Make sure your TZMAP MFD is connected to a Wi-Fi network. Once connected to Wi-Fi, select Furuno home button, Charts, TZ MAPS Store.





Now select the chart for your area.



Enter your credit card information to complete your purchase.

Complete your purchase

 Cart



Western Mediterranean
(Ref: em001)
Western Italy, Southern France, Eastern Spain, Strait of Gibraltar, Northern Morocco, Algeria, Tunisia, Balearic Is. Sardinia & Corsica. Including several types of data: Raster, Vector, detailed land information, high-resolution satellite photos, high resolution Bathymetry.


\$250.00


Order for license: TLB7C1BA8FBB38FA57A9


Total: \$250.00

[Tax Exempt?](#)
[Enter Promotional Code](#)

Email



 PayPal

 amazon pay

Securely save payment details for future use

First Name Last Name

Card Number

MM YY CVC

Zip Code Tax: \$0.00

Pay \$250.00

February 9, 2026

*** END ***