### GP-1871F / GP-1971F Specifications

**GPS/WAAS**
- Receiver Type: GPS
- WAAS: 1 channel

**Receiving Frequency**
- L1/L5 (STEL, 42 MHz)

**Time to First Fix**
- 100 s approx. (cold start)

**Tracking Velocity**
- 999 km/h

**SSAS (Safety-Situation Alerting System)**
- WAAS, EGNOS, MSAS

**Electronic Chart**
- C-MAP 4D

**ACCURACY**
- Internal Antenna:
  - GPS: 10 m Max, WAAS: 5 m Max,
  - MSAS: 7.5 m Max

**DISPLAY**
- Type: Bracket Mount
- Bracket Mount: 1.1 kg, 2.4 lb
- Flush Mount: 0.9 kg, 2.0 lb
- Type: Flush Mount
- Bracket Mount: 1.5 kg, 3.3 lb
- Flush Mount: 1.3 kg, 2.9 lb

**Power Supply**
- GP-1871F: 12-24 VDC, 1.0-0.5 A
- GP-1971F: 12-24 VDC, 1.0-0.5 A

**Screen Brightness**
- 1,000 cd/m² (typical)

**Screen Resolution**
- WVGA 800 x 480 pixels

**GP-1871F Display Unit**
- 9” Wide Color TFT LCD
- Memory Capacity: 30,000 points for ship’s track and waypoints
- Memory Capacity: 5,000 quickpoints
- Languages: English (US & UK), French, Spanish, German,
  - Italian, Portuguese, Danish, Swedish,
  - Norwegian, Finnish, Greek, Japanese
- Display Modes:
  - Chart Plotter, Fish Finder, Radar*, Auto gain (Fishing/Cruising),
  - TrueEcho CHIRP™*, RezBoost™**, ACCU-FISH™**
- Transducer:
  - 300 W or 600 W or 1 kW (Transducer dependent)
- Bottom Lock:
  - Manual gain, A-Scope, Marker Zoom, Bottom Zoom,
  - Dual frequency CV compatible transducer required
- Waterproo/fing:
  - IP56
- ENVIRONMENT:
  - Temperature:
    - -15°C to +55°C
  - Interface (NMEA0183):
    - Input: DBT, DPT, DSC, DSE, GGA, GLL, HDG, HDT, MTW, NAV, RMC, RTE, RDC, RDL
  - Interface (CAN bus):
    - Input: 126992, 127245, 127250, 127251, 127256

**FISH FINDER**
- Frequency:
  - CW: 50/200 kHz, CHIRP: 40 to 225 kHz
- Transducer:
  - 300 or 600 W or 1 W (Transducer dependent)
- Range:
  - S-1200 m:
  - L-5.000 m:
  - L-5.000 m:

**Wireless LAN**
- Frequency:
  - 2.4 to 2.472 GHz (1 to 13 channels), IEEE802.11b/g/n
- Security:
  - WAP, IEEE802.11i advanced security
- Interface (NMEA0183):
  - 1 Port

**GPS/MASS CHART PLOTTER with CHIRP FISH FINDER**
- More details on www.furunousa.com
**Multi-Touch Interface**

- **Convenient and intuitive slide-out menus**
  The GP-1871F/1971F smart interface, inherited from the NavNet TZtouch2, features slide-out menus containing all the tools and data you need to be in total control.

- **Display modes customization**
  Customize your display modes and create the perfect combination to fit your individual needs.

- **Chart Plotter** (with internal GPS antenna)
  By using the incredibly rich C-MAP 4D charts, the GP-1871F/1971F delivers highly precise data that features plenty of useful information, such as relief vectors, tidal streams and marine plans, considerably enhancing your navigational awareness.

- **Autopilot controls**
  C-Weather data can be downloaded from C-map.com providing Wind, Wave, Weather, Humidity and Temperature information.

- **Plotter with AIS symbols**
  When connected to an AIS receiver, the GP-1871F/1971F will display the latest AIS data and provide vessel information.

- **Various display modes**
  Including Shaded reliefs, 3D, and Satellite views.

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**Built-in CHIRP Fish Finder**

- **Unmatched detail with TruEcho CHIRP™**
  *Requires connection to a CHIRP transducer
  The high level of detail available with TruEcho CHIRP™ technology helps to distinguish fish schools, even when close to the sea bed. Fish can be observed with a very high resolution and are displayed in a distinct boomerang shape. The clear presentation marks individual game fish and bait fish, even when tightly schooled together.

- **ACCU-FISH™ and Bottom Discrimination with RezBoost™**
  *Requires connection to a compatible CHIRP transducer
  With FURUNO’s RezBoost™ data processing technology, fish schools and echoes are shown with high resolution while you can assess fish size and bottom composition. ACCU-FISH™ and Bottom Discrimination functions can be freely customized according to the size and depth of the targeted fish.

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**Wireless Radar Connection**

- **DRS4W 1st Watch Wireless Radar**
  The GP-1871F and GP-1971F are connectable to the 1st Watch Wireless Radar (Output Power 4 kW) giving your Chart Plotter a major upgrade in accuracy and safety.
Multi-Touch Interface

Convenient and intuitive slide-out menus

The GP-1871F/1971F smart interface, inherited from the NavNet TZtouch2, features slide-out menus containing all the tools and data you need to be in total control.

Data Box

* Requires connection to a CHIRP transducer

Layers for quick settings

Slide-out Menu for often-used functions

Quick page and favorite display modes

Detailed Chart with C-MAP 4D compatibility

By using the incredibly rich C-MAP 4D charts, the GP-1871F/1971F delivers highly precise data that features plenty of useful information, such as relief vectors, tidal streams and marine plans, considerably enhancing your navigational awareness.

Chart Plotter (with internal GPS antenna)

Display modes customization

Customize your display modes and create the perfect combination to fit your individual needs.

Easy screenshot, easy sharing!

Tap the display with two fingers to capture a screenshot that will be saved directly to your micro SD card.

Built-in CHIRP Fish Finder

Unmatched detail with TruEcho CHIRP™

* Requires connection to a CHIRP transducer

Fish echoes displayed with a CHIRP transducer

ACCU-FISH™ and Bottom Discrimination with RezBoost™

* Requires connection to a compatible CHIRP Dual-Frequency transducer

Wireless Radar Connection

DRS4W 1st Watch Wireless Radar

The GP-1871F and GP-1971F are connectable to the 1st Watch Wireless Radar (Output Power 4 kW) giving your Chart Plotter a major upgrade in accuracy and safety.

Wireless connection between DRS4W and GP-1871F and GP-1971F
SPECIFICATIONS OF 

GP-1871F/ GP-1971F

GPS/ WAAS
Receiving Type: GPS
WAAS: 1 channel
Receiving Frequency: L1(L1S: 42.03 MHz, L1C: 10905 MHz)
Time to First FIX: 100 s approx. (cold start)
Tracking Velocity: 290 km/hr
SBS/Satellite-based augmentation System
Electronic Chart: C-MAP 4D

ACCURACY
Internal Antenna
GPS: 10 m Max, WAAS: 5 m Max,
MSAS: 5 m Max

DISPLAY
Type
GP-1871F: 7" Wide Color TFT LCD
GP-1971F: 9" Wide Color TFT LCD
Screen Size
191.5 x 7.5"
Screen Resolution
1024 x 768 pixels (typical)

Bottom Discrimination, Auto gain (Fishing/Cruising),
Modes
TrueEcho CHIRP**, RezBoost**, ACCU-FISH**,
Transducer
300 W or 600 W or 1 kW (Transducer dependent)

Screen Brightness
1000 cd/m² (typical)
Screen Resolution
WVGA 800 x 480 pixels

GP-1871F: 154 x 85 mm
GP-1971F: 9" Wide Color TFT LCD

Memory Capacity
30,000 points for ship’s track and waypoints
1,000 planned routes
(Max. 50 points per route, 5,000 quickpoints)

Language
English (US & UK), French, Spanish, German,
Norwegian, Finnish, Greek, Japanese,
Italian, Portuguese, Danish, Swedish,

Picture Advance
8 steps: x4, x2, 1/1, 1/2, 1/4, 1/8, 1/16, stop

FISH FINDER
Frequency
50-225 kHz (GPatt/SDmrk/SDtbd/SDt/f_l/pireq)
Range
5-1,200 m, shift: 0-500 m

Frequency
50/200 kHz, CHIRP: 40 to 225 kHz

Transducer
300 W or 600 W or 1 kW (Transducer dependent)

Power Supply
GP-1871F: 12-24 VDC, 1.0-0.5 A
GP-1971F: 12-24 VDC, 1.0-0.5 A

ENVIROMENT
Temperature
-15°C to +55°C
Power Supply
IP56

WIRELESS LAN
Frequency
2.4 to 2.472 GHz (1 to 13 channels),
IEEE802.11b/g/n
Security
WAPI, IEEE802.11i advanced security

NMEA0183*
* Software version 2.0 or later

Interface(NMEA0183)   Input
DBT, DPT, DSC, DSE, RMC, RMB, VTG, VTG
GGA, GLL, GNS, HDG, HDT, MTW

Output
AAM, APS, BPS, BRP, DBT, DPT, DSC, DSE, DTC, DVC
ERB, GGA, GLL, RMC, RMB, VTG

CAN bus
Interface(CAN bus) Input
1 Port

GPS/ WAAS CHART PLOTT ER
with CHIRP FISH FINDER

GP-1871F
GP-1971F

GP-1871F Display Unit
(Flush Mount) 0.9 kg
(Bracket Mount) 1.1 kg

GP-1971F Display Unit
(Flush Mount) 1.3 kg
(Bracket Mount) 1.5 kg

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Beware of similar products.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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www.furuno.com

1-A-18013PDF
Catalogue No. CA000001215

Note: The model displayed in this manual may be different from your unit. Please refer to the manual supplied with your unit.

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More details on

www.furuno.com