

**SPECIFICATIONS OF FISH FINDER
FCV-628**

1 GENERAL

- 1.1 TX frequency 50 kHz and 200 kHz
- 1.2 Transmit method Single or dual frequency transmitting
- 1.3 Output power 600 W
- 1.4 TX rate Max. 3,000 pulse/min
- 1.5 Pulse length 0.04 to 3.0 ms
- 1.6 Sensitivity 10 dB μ V

2 DISPLAY UNIT

- 2.1 Display system 5.7-inch color LCD, 87 mm (W) x 116 mm (H), 480 x 640 dots
- 2.2 Brilliance 800 cd/m² typical
- 2.3 Display mode Single frequency (high or low freq.), Dual frequency, Zoom (high or low freq.), Nav data 1/2, A-scope
- 2.4 Expansion mode Bottom lock, Bottom zoom, Marker zoom
- 2.5 Basic range

Unit	Basic Range								Setting Range
	1	2	3	4	5	6	7	8	
m	5	10	20	40	80	150	200	300	2 to 1,200
ft	15	30	60	120	200	400	600	1,000	7 to 4,000
fm	3	5	10	20	40	80	100	150	1 to 650
pb	3	5	10	20	50	100	150	200	1 to 800
HR*	4	8	15	30	50	100	150	200	1 to 700

*: Japanese unit of depth measurement

- 2.6 Range shift 0 to 1,200 m, 0 to 4,000 ft, 0 to 650 fm, 0 to 800 pb, 0 to 700 HR
- 2.7 Zoom range Bottom lock expansion: 2 to 10 m, 7 to 30 ft
Bottom and Marker zoom: 2 to 1,200 m, 7 to 4,000 ft
- 2.8 Picture advance speed 8 steps (Lines/TX; x4, x2, x1, 1/2, 1/4, 1/8, 1/16 or Stop)
- 2.9 Function settings Picture advance, Shift, Interference, Clutter, Color erase, White line, White marker, WPT list, Bottom zone, TVG, Fish symbols
- 2.10 Bottom discrimination 4 types
- 2.11 Fish size assessment Large or Small (symbol: 4 types)
- 2.12 ResBoost™ Specified transducer required
- 2.13 Display color Echo color: 8/16/64 colors according to echo intensity
Palette: white, blue, black, monochrome or night vision
- 2.14 Auto-selection of frequency TD-ID output (for specified transducer)
- 2.15 Power output for external equipment 12 VDC: 0.11 A max.

3 INTERFACE

- 3.1 Data format IEC61162-1 (NMEA0183 Ver 1.5/2.0/3.0)
- 3.2 Data sentences Input BWC, GGA, GLL, GNS, HDG, HDT, MDA, MTW, MWV, RMA, RMB, RMC, VHW, VTG, XTE, ZDA

Output DBS, DBT, DPT, MTW*, RMB*, VHW*, TLL* by key operation
*: External data required

4 POWER SUPPLY

12-24 VDC: 1.1-0.5 A

5 ENVIRONMENTAL CONDITION

- 5.1 Ambient temperature -15 °C to +55 °C
- 5.2 Relative humidity 93 % or less at 40 °C
- 5.3 Degree of protection IP56
- 5.4 Vibration IEC60945 Ed.4

6 UNIT COLOR

N2.5 (fixed)