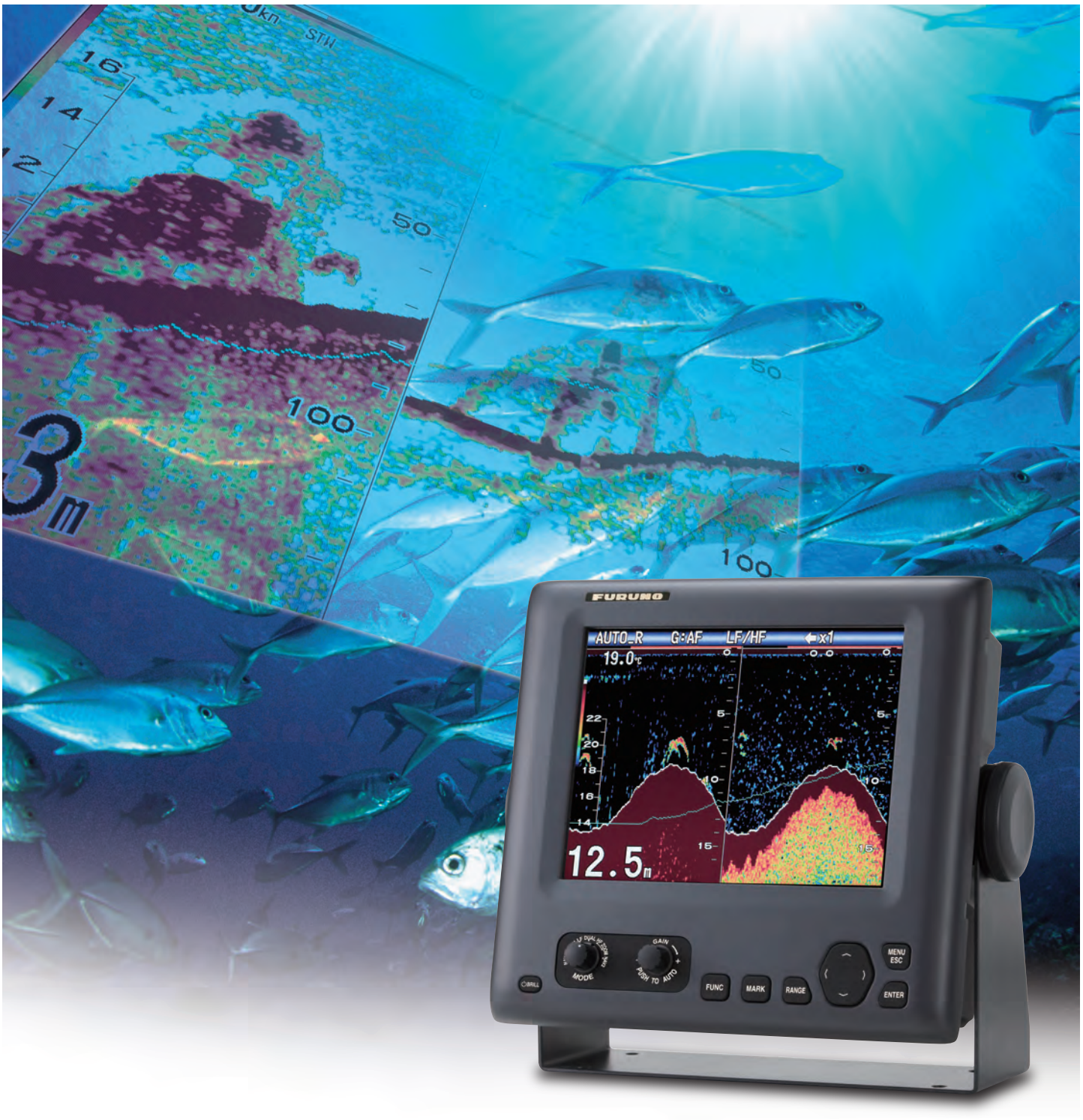
FURUNO

COLOR LCD FISH FINDER

Model **FCV-288**



www.furuno.com

The FCV-288 provides you with true versatility

- 10.4" high performance color LCD Fish Finder for professional fishermen
- FURUNO Digital Filter technology delivers crystal clear target presentation
- 1/2/3 kW powerful output power
- Choice of 50 kHz/200 kHz transducer
- Ease of operation by automatic control of range and gain
- Post-processing gain control applies to all existing returns on the display
- White Edge/White Line features – Discriminate fish lying near the bottom



COLOR LCD FISH FINDER

Model **FCV-288**

FURUNO Digital Filter Technology

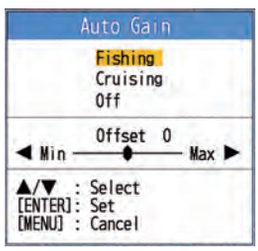
FURUNO digital filter optimizes the gain to obtain highly defined images of underwater conditions. The FCV-288 can clearly show target fish close to the seabed. The digital filter also eliminates noise to deliver sharp and detailed echo presentation, achieving detection of fishing reef ad even individual fish with absolute clarity.

FDF
FURUNO Digital Filter

Offering a broad variety of presentation modes with fast and simple operation

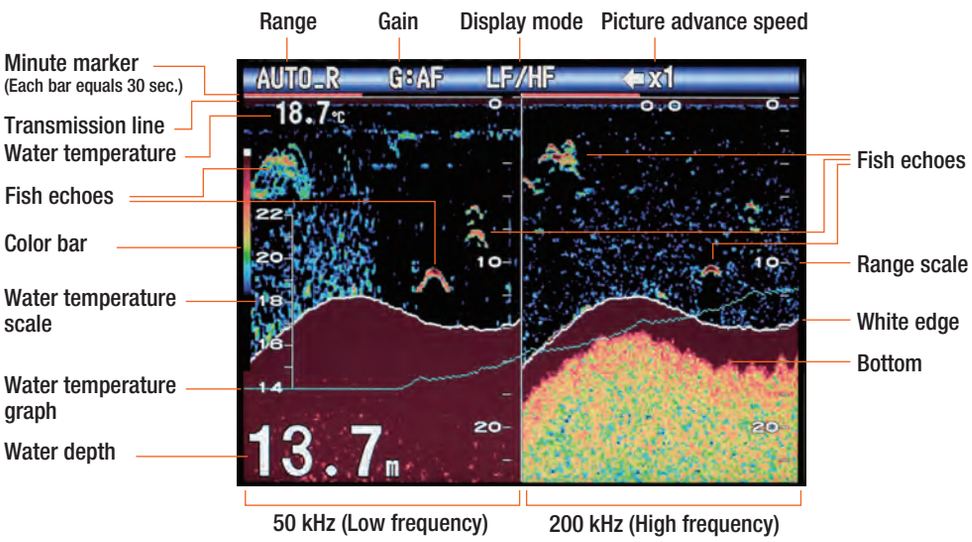
There are four basic operation modes: Single (50 or 200 kHz), Dual (50/200 kHz), Zoom (Marker Zoom/Bottom Zoom/Bottom Lock) and Nav. Other features include White Edge/Line, White Marker, A-Scope, Alarm (fish, depth or temp) and Temperature graph.

For operation simplicity, an Auto mode is provided.

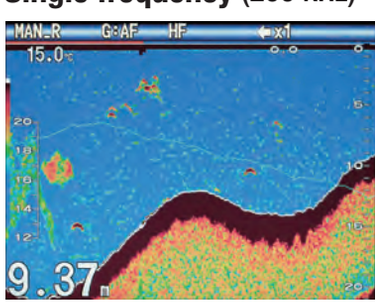


Dual frequency

The 50 kHz picture appears on the left, the 200 kHz picture on the right. This display is useful for comparing the same picture with two different frequencies.



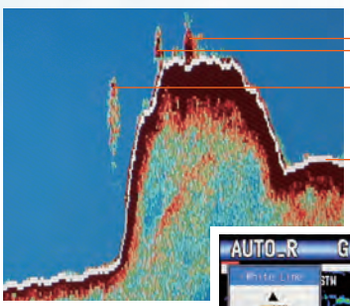
Single frequency (200 kHz)



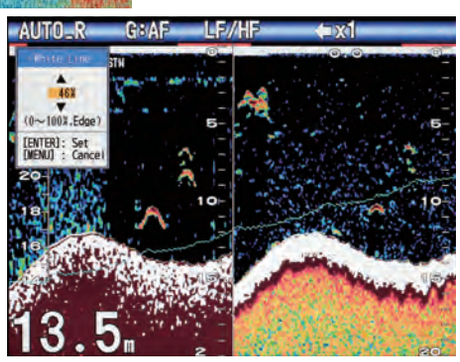
# of information to help you fish efficiently.

White Edge/White Line

The top of the seabed is displayed in white to easily discern seabed structure from bottom fish returns. While conventional bottom discrimination function called “White Line” is applied to the strongest echoes, the White Edge function enhances the discrimination of bottom fish and seabed by painting a very thin line above the bottom contour regardless of gain setting or display color.



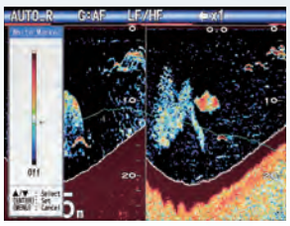
White Edge



White Line

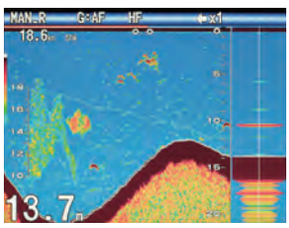
White Marker

The white marker displays a specific echo color in white. This feature is useful for emphasizing echoes having a specific strength.



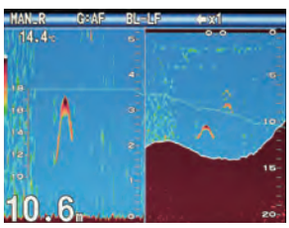
A-Scope

The A-Scope picture on the right side of the screen shows an instantaneous echo envelope at each ping, clearly showing echo differentials and positional relationship. This is useful for closer observation of target depth.



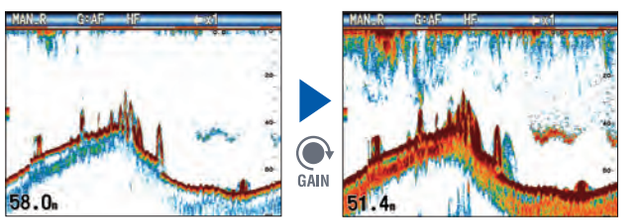
Bottom Lock

The bottom lock display provides a normal picture on the right half of the screen and a wider layer in contact with the bottom is expanded onto the left half of the screen.
This mode is useful for detecting bottom fish.

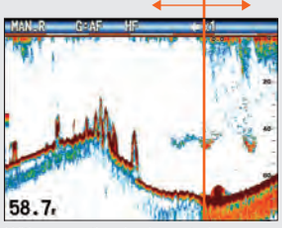


Post-processing Gain Control

With the FCV-288’s Quick Gain Control, changes you make to Gain setting are applied not only to new echoes, but also to all past echoes on the screen. You can compare past and current echoes under the same gain setting. Because the changes are applied to both new and existing returns, you can quickly and easily determine the right gain setting for your conditions.



Gain: 5 Gain: 8



With conventional gain controls, changes are made for new echoes only when the gain setting is changed.

The difference of sounding between 50 kHz and 200 kHz

Transducer options are offered in 200 kHz or 50 kHz. The 200 kHz is advantageous to find fish in shallow water or to discriminate fish from water contamination. It is suitable in most echo sounding over the continental shelf. The 50 kHz transducer is recommended for deeper range fishing or detecting if the bottom conditions are soft or hard.

Frequency	Resolution	Beamwidth	Detection range	Bottom tail
50 kHz	Low	Wide	Deep	Long
200 kHz	High	Narrow	Shallow	Short

COLOR LCD FISH FINDER

Model **FCV-288**

SPECIFICATIONS OF FCV-288

GENERAL

Frequency	50 and 200 kHz
Output Power	1/2/3 kW

DISPLAY

Display Type	10.4" color LCD
Pixel Number	640 x 480 (VGA)
Display	Single frequency (50 or 200 kHz), Dual-frequency, Nav data, A-scope, Marker zoom, Bottom zoom, Bottom-lock
Basic Range	5-3,000 m (16-9,000 ft)* *m, ft can be selected in the menu
Alarm	Bottom, Fish (Type, Level, Depth), Temperature, Battery
Language	Chinese, English, Thai, Vietnamese, Indonesian, Spanish, French
Range Phasing	Up to 2,000 m (6,000 ft)
Expansion Range	5-200 m (16-600 ft)
Picture Advance Speed	8 steps: stop, 1/16, 1/8, 1/4, 1/2, 1/1, 2, 4
Pulselength & PRR	0.1-3 ms
Interface	Input: RMA, RMC, GLL, GGA, GNS, MWV, VTG, VHW, MTW, MDA, HDT, HDG Output: DBS, DBT, DPT, MTW*, TLL*, VHW* * External data required.

ENVIRONMENT

Temperature	-15°C to +55°C
Waterproofing	IPX2 (front), IPX0 (rear)

POWER SUPPLY

12-24 VDC, 20 W

EQUIPMENT LIST

Standard

1. Display Unit FCV-288
2. Installation Materials and Standard Spare Parts

Option

1. Speed/Temperature Sensor
   ST-02MSB (Thru-hull, bronze), ST-02PSB (Thru-hull, plastic), T-02MTB (Transom, bronze), T-02MSB (Thru-hull, bronze), T-03MSB (Thru-hull, bronze)
2. Connector Kit for Connection of Speed & Temperature Sensor or Temperature Sensor
3. NMEA cable MJ-A6SPF0003-050C (5 m)
   CO-SPEVV-SB-C 2P x 0.2LF (5/10/15 m)
4. Rectifier PR-62

Transducers

1. Specify when ordering

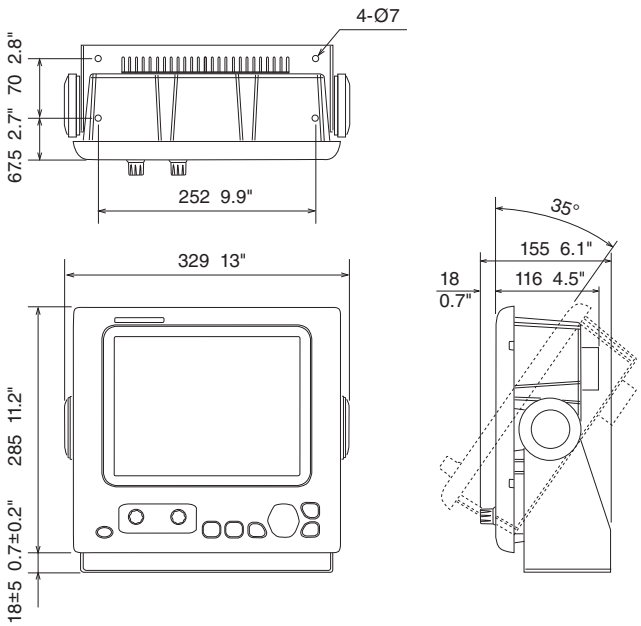
1 kW	50 kHz:	50B-6/6B, 50B-9B
	200 kHz:	200B-5S
	50/200 kHz:	50/200-1T
2 kW	50 kHz:	50BL-12HR
	200 kHz:	200B-8/8B
3 kW	50 kHz:	50BL-24HR
	200 kHz:	200B-12H

2. For retrofitting only

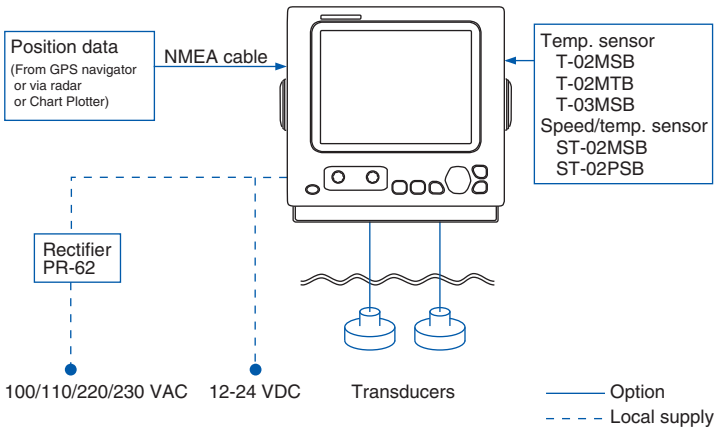
2 kW	50 kHz:	50B-12, 50BL-12
3 kW	50 kHz:	50F-24H, 50BL-24H

DISPLAY UNIT

6.6 kg 14.6 lb



INTERCONNECTION DIAGRAM



Beware of similar products

All brand and product names are registered trademarks, trademarks or service marks of their respective holders.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

FURUNO ELECTRIC CO., LTD.
www.furuno.com

Find your local contact point

D-2502LB
Catalogue No. CA000002570