#### KDG-300 general specifications

#### Main Functions

**Measurement Method** Frequency Display • Resolution **Power Supply Power Consumption Operating Environment**  :The 4-beam system using ultrasonic pulses :140kHz

:0~9.9Knot

:Min. 0.1Knot

:19 inch TFT LCD Resolution 1024×768, XGA :AC100V / AC110V / AC220V, 50/60Hz, Single Phase :180VA or less :0°C~+50°C

#### Ship Speed • Current Measurement Functions :Max. 5 Layers (Ground Measurement/Log Measurement)

Number of Measurement Layer Distance under the bottom Measurement Method Measurement Range **Measurement Resolution** 

### Distance under Ship Bottom

Ship Speed to the Bottom Ship Speed to Water Measurement Range Ship Speed Measurement Resolution :Min. 0.1Knot **Cruise Accumulated Range** 

:Max. 450m (depending on bottom sediments) :15m or deeper :0knot~30knot :0~9999.9nm

:Simultaneous measurement with the current and deviation current

#### Display Functions

Functions **Display Mode Textual Display** Cruise, Own Boat Position, Course, Heading, Date & Time, Deviation Current Trend-graph Display

:Current, Deviation Current, Ship Speed, Water Depth, Water Temp. (when inputting data) :GPS Data (GGA, GLL, VTG), Heading Data (HDT, HDG, HDM).

Water Temperature Data (MTW), Water Depth Data (DBT, DBS).

:Vector, Textual, DCG-200 compatible, Ship speed, Stereoscopic 3D, Echogram

:Current Speed, Current Direction, Measuring Depth, Water Depth, Ship Speed,

:Current, Ship Speed, Water Depth, Fish School, 3D-Current, Trend Graph, Check Mode

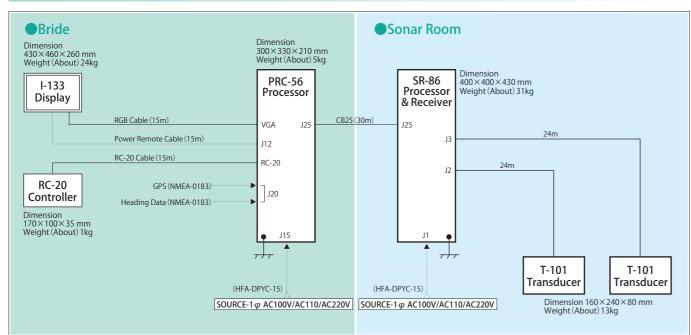
:Within 80% of the sea depth ranging from 3m to 220m (depending on the sea conditions).

# •External Interface

**NMEA Input** 

**External Synchronization Input** NMEA Output : Ship Speed Current Data (VTG, VHW, VBW, DBT, CUR) LOG Pulse (200p/n.m.) Output External Synchronization Output • GPIF Output

## Standard Connection Diagram

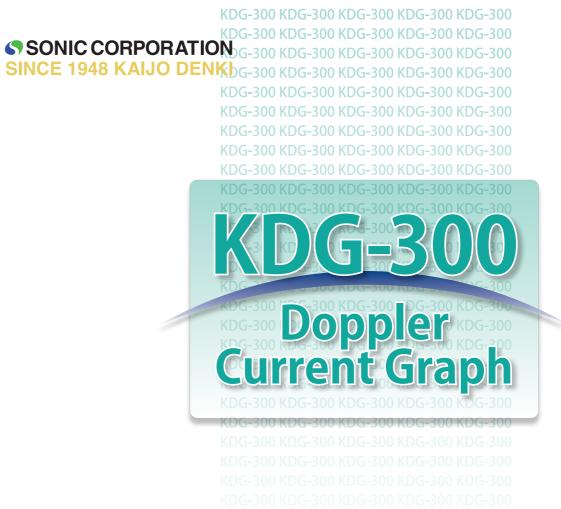


AFETY PRECAUTION: Please be sure to read the Instruction Manual before operating. •Specifications are subject to change without prior notice for development.



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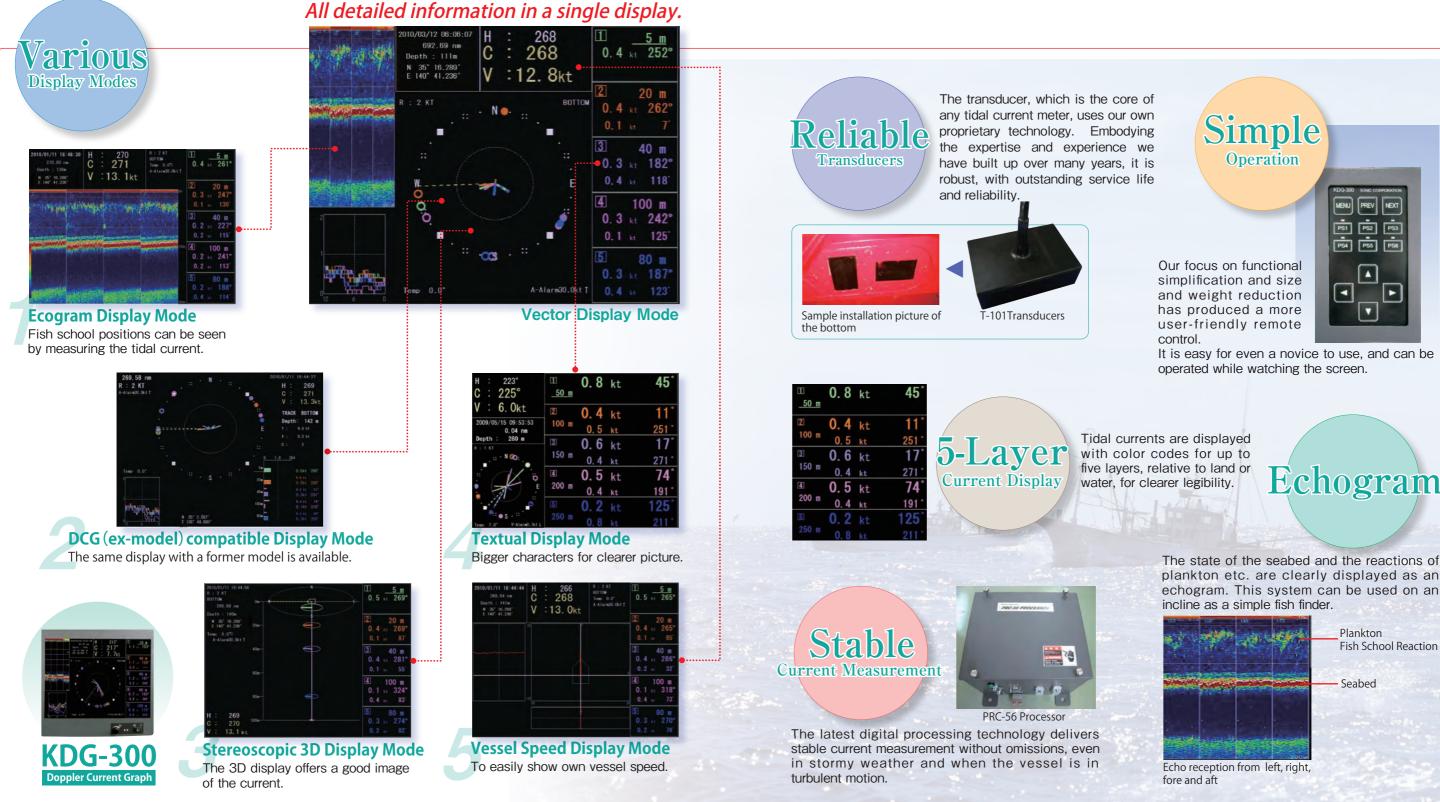






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# **Diverse new functions make this the Doppler Current Graph fishermen have been waiting for**...







It is easy for even a novice to use, and can be



The state of the seabed and the reactions of plankton etc. are clearly displayed as an echogram. This system can be used on an