

Image : PPI image by TFT liquid crystal color display
 Display resolution : SXGA(1280 x 1024)
 Display color : Signal (32 color), Character (4 color), Marker (2 color)
 Frequencies : 164 Khz, 174 Khz, 184 Khz
 Display mode : Head-up, North-up, True motion
 Sub display mode : Character display, external input signal, and fish-school image display are switch-selectable.
 Simultaneous-display image function : Cut-out image, enlarged image, image storage
 Off-center : 1.5 times enlargement of selected area
 Off-center, rotation mode, set mode
 School-of-fish graph : Graphs calculated
 Types of display marks: Own boar/wake/cross-line cursor/bearing mark
 cast net mark/event mark(max.10 marks)/
 variable distance mark/tidal current mark/
 school-of-fish mark, and other marks.
 Audio output : 2W (8Ω)
 Audio frequency : 750 Hz

Ranges : 150, 200, 250, 300,400, 500, 600, 700, 800, 1000, 1200,
 The range is enlarge 1.5 times for off-center (10 ranges are selectable)
 Other functions : Clutter, signal processing,, interference elimination, TVG, AGC, RCG
 Receiving method : Superheterodyne method
 External signal output : Four inputs available with NMEA0183, while Kaijo's original spec. is designed for 2 inputs
 (1) NMEA0183 Own boat position, boat speed, boat speed bearing, sea depth, sea water temperature, or bow bearing
 (2) Kaijo's devices IF-17 and GC-21
 Tilt : 0° ~ -90° can be selected by mechanic circuit control
 Rotation: Mechanically variable in a range between ±175 degrees
 Hoist : About 1000m/m (LL type)
 Hoist time : About 25 seconds(LL type)
 Power supply : Receiving Single-phase 100 V AC, 600VA
 Transmitting Single-phase 220V AC, 1500VA
 Hoist unit 3-phase 220V AC, 750VA

■ System Components

Display section	17" LCD monitor	1 unit	12 Kg	446 x 477 x 170mm
Control section	RC-14 remote controller	1 unit	1 Kg	200 x 172 x 50mm
Processing section	PRC-43 processor unit	1 unit	37 Kg	465 x 654 x 302mm
RX/TX section	SR-60 RX/TX unit	1 unit	113Kg	910 x 534 x 445mm
Receiving section	RX-24 receiving unit	1 unit	8 Kg	436 x 304 x 114mm
Hoist section	M-90-1-LL hoist unit equipped with T-108 transducer	1 unit	450 Kg	2950 x 690 x 560mm
Power supply section	P-M1K transformer	1 unit	10 Kg	275 x 330 x 152.5mm

■ System Diagram

