

Koden Retail Price List October 1st, 2020**KODEN ECHO SOUNDERS****CVS-126 DIGITAL ECHO SOUNDER****5.7" Color TFT LCD - Daylight Viewable Display with 64 Colors Levels, 50/200 kHz 600 W**

Dual-Frequency (50/200kHz) operation with digital signal processor (DSP) for a clearer image that enhances fish targets in shallow and deep depths, plus auto function for the most reliable setting and best performance. 600 Watts with 8 ranges* from 0-2700'. Exclusive Sona-Tone identifies what's under your boat with different sounds for fish and schools of fish. Stores up to 10 screen images in built-in memory for recall later. High-speed pulse rate transmission of 5000 times per minute for enhanced shallow water detection. Anti-reflective display, easy operation, auto fishing/cruising modes, audio/visual alarms, IPX5 waterproof rating, built-in flush mounting. 10.8~31.2 VDC. Shipping weight approx. 7.7 lbs, 17.6" x 15.6" x 10.4"

CVS-126	Koden CVS-126 Digital 5.7" Color LCD Sounder, 50/200 kHz, 600 Watts	\$699.00
TRANSDUCER, CABLES AND ADAPTERS		
250/50/200ST-CX	Transom Mt Dual Freq. w/Temp. & Speed, 600w, 45° @ 50kHz, 11° @ 200kHz	\$150.00
1700/50/200T-CX	Bronze TH Dual Freq. Depth & Temp, 600w, 45° @ 50kHz, 11° @ 200kHz	\$170.00
B45/50/200T-CX	Bronze TH Dual Freq. w/Temp, includes high speed fairing block	\$275.00
307/50/200T-CX	Bronze TH Dual Freq. Depth & Temp, 600w, 22°x45° @ 50kHz, 6°x11° @ 200kHz	\$260.00
B744V-CX	Bronze TH Dual Freq. w/Spd., Temp. & Hi-Spd Fairing, 45° @ 50kHz, 12° @ 200kHz	\$425.00
B60-0-CX	Bronze TH Dual Freq. 0° tilt-element w/Temp, 600w, for 0° to 7° hull deadrise	\$300.00
B60-12-CX	Bronze TH Dual Freq. 12° tilt-element w/Temp., 600w for 8° to 15° hull deadrise	\$300.00
B60-20-CX	Bronze TH Dual Freq. 20° tilt-element w/Temp, 600w for 16° to 24° hull deadrise	\$300.00
Digital-A-Cable	Adapts old style 8 pin transducer plug to new 8 pin plug for Koden sounders	\$49.95
CW-264A-2M	Power/Data/Speaker cable with inline fuses for CVS-126/CVS-128	\$99.00

CVS-128 DIGITAL ECHO SOUNDER**8.4" Color TFT LCD - Daylight Viewable Display with 64 Colors Levels, 1 kW**

Dual-Frequency (50/200kHz) operation with digital signal processor (DSP) for a clearer image that enhances fish targets in shallow and deep depths, plus auto function for the most reliable setting and best performance. Boasts 1000 or 600 Watts with 8 ranges* from 10-3600'. Exclusive Sona-Tone identifies what's under your boat with different sounds for fish and schools of fish. Stores up to 10 screen images in built-in memory for recall later. VGA output for connecting optional external portrait VGA monitor. High-speed pulse rate transmission of 5000 times per minute for enhanced shallow water detection. Other features: anti-reflective display, easy operation, auto fishing and cruising modes, audio/visual alarms, IPX5 waterproof rating, over-head and built-in flush mounting. 10.8~31.2 VDC. Shipping weight approx. 12.10 lbs, 17.6" x 15.6" x 10.4"

CVS-128	Koden CVS-128 Digital 8.4" LCD Echo Sounder, 50/200 kHz, 600W/1 kW	\$1,699.00
TRANSDUCERS, CABLES AND ADAPTERS		
250/50/200ST-CX	Transom Mt 600W Dual Freq. w/Temp. & Speed, 600w, 45° @ 50kHz, 11° @ 200kHz	\$150.00
250C/50/200ST-CX	Transom Mt 1kW Dual Freq. w/Temp. & Speed, 600w, 45° @ 50kHz, 11° @ 200kHz	\$200.00
B45/50/200T-CX	Bronze TH 600W Dual Freq. w/Temp, includes high speed fairing block	\$275.00
307/50/200T-CX	Bronze TH Dual Freq. Depth & Temp, 600w, 22°x45° @ 50kHz, 6°x11° @ 200kHz	\$260.00
707/50/200T-CX	Bronze TH w/Temp., 1kW 14°x21°@50kHz, 3°x5°@200kHz	\$500.00
B-164-0-CX	Bronze TH Dual Freq. 0° tilt-element w/Temp 1kW for 0° to 7° hull deadrise	\$999.00
B-164-12-CX	Bronze TH Dual Freq. 12° tilt-element w/Temp 1kW for 8° to 15° hull deadrise	\$999.00
B-164-20-CX	Bronze TH Dual Freq. 20° tilt-element w/Temp, 1kW for 16° to 24° hull deadrise	\$999.00
OPTIONS		
Digital-A-Cable	Adapts old style 8 pin transducer plug to new 8 pin plug for Koden sounders	\$49.95
CW-264A-2M	Power/Data/Speaker cable with inline fuses for CVS-126/CVS-128	\$99.00
CW-576-0.5M	VGA out cable with 15D female plug. For external monitor connection - use any 4:3 ratio VGA monitor in portrait orientation	\$125.00

CVS-1410 DIGITAL ECHO SOUNDER

10.4" Color TFT LCD, 64 Color Selectable Display, 1 kW, 50/200 kHz

Dual-Frequency (50/200kHz) operation with digital signal processor (DSP) for a clearer image that enhances fish targets in shallow and deep depths, plus auto function for the most reliable setting and best performance. Exclusive Sona-Tone identifies what's under your boat with different sounds for fish and schools of fish. Stores up to 10 screen images in built-in memory for recall later. VGA output for connecting optional external portrait VGA monitor. High-speed pulse rate transmission of 5000 times per minute for enhanced shallow water detection. Other features: anti-reflective display, easy operation, auto mode, audio/visual alarms, Fishing Hot Spot function leads you back to your favorite fishing hot spots w/GPS sensor input, IPX5 waterproof rating. 10.8~31.2 VDC. Shipping wght. approx 26 lbs, box dimensions 25.5" x 15.3" x 9"

CVS-1410	Koden CVS-1410 Digital Echosounder, 10.4" LCD, 1 kW, 50/200 kHz	\$2,299.00
TRANSDUCERS, CABLES AND ADAPTERS		
250C/50/200ST-CX	Transom Mt Dual Freq. w/Temp. & Speed, 600w, 45° @ 50kHz, 11° @ 200kHz	\$200.00
307/50/200T-CX	Bronze TH Dual Freq. Depth & Temp, 600w, 22°x45° @ 50kHz, 6°x11° @ 200kHz	\$260.00
707/50/200T-CX	Bronze TH w/Temp., 1kW 14°x21°@50kHz, 3°x5°@200kHz	\$500.00
B-164-0-CX	Bronze TH Dual Freq. 0° tilt-element w/Temp 1kW for 0° to 7° hull deadrise	\$999.00
B-164-12-CX	Bronze TH Dual Freq. 12° tilt-element w/Temp 1kW for 8° to 15° hull deadrise	\$999.00
B-164-20-CX		\$999.00
OPTIONS		
Digital-A-Cable	Adapts old style 8 pin transducer plug to new 8 pin plug for Koden sounders	\$49.95
CW-264A-2M	Power/Data/Speaker cable with inline fuses for CVS-126/CVS-128	\$99.00
CW-576-0.5M	VGA out cable with 15D female plug. For external monitor connection - use any 4:3	\$125.00
CW-376-5M	6 pin NMEA cable, 5 meters long, one end plain	\$75.00

CVS-702D DIGITAL ECHO SOUNDER

12.1" Color TFT LCD, 64 Color Selectable Display, 3/5 kW, Dual Frequency, 28,50 and 200kHz Available

CVS-702D									\$4,999.00
TD-284	3kW 28kHz								\$1,599.00
TD-286	5kW 28kHz								\$2,299.00
TD-504T	3kW 50kHz								\$1,499.00
TD-506F	5kW 50kHz								\$2,199.00
TD-66	1kW 200kHz								\$899.00

CVS-705D DIGITAL ECHO SOUNDER

15" Color TFT LCD, 64 Color Selectable Display, 3/5 kW, Dual Frequency, 28,50 and 200kHz Available

CVS-705D									\$6,399.00
TD-284	3kW 28kHz								\$1,599.00
TD-286	5kW 28kHz								\$2,299.00
TD-504T	3kW 50kHz								\$1,499.00
TD-506F	5kW 50kHz								\$2,199.00
TD-66	1kW 200kHz								\$899.00

CVS-707D DIGITAL ECHO SOUNDER

17" Color TFT LCD, 64 Color Selectable Display, 3/5 kW, Dual Frequency, 28,50 and 200kHz Available

CVS-707D									\$6,899.00
TD-284	3kW 28kHz								\$1,599.00
TD-286	5kW 28kHz								\$2,299.00
TD-504T	3kW 50kHz								\$1,499.00
TD-506F	5kW 50kHz								\$2,199.00
TD-66	1kW 200kHz								\$899.00

CVS-128B BROAD BAND 1kW ECHO SOUNDER

8.4" TFT LCD - 64 Color Display

This innovative Flex Frequency sounder can transmit on two variable frequencies within the range of broadband transducer (two types available: TDM-052 38kHz to 75kHz / 130kHz to 210kHz and TDM-062 38kHz to 75kHz / 85kHz to 135kHz). variable selection of frequencies FROM 24 TO 240 KhZ. by 0.1kHz steps. Presentation modes include: Hi Frequency, Low Frequency, 1 to 2 Frequencies, RMS Power Output 1kW, Zoom, Bottom lock, Bottom Discrimination, Bottom Zoom, Bottom Follow Zoom, Nav Mode, Vertical Split, Horizontal Split, Mix, A-Scope. 1 NMEA Input, Range 5 - 3600 ft., Power 10.8 - 31.2 VDC, Shipping weight 26 lbs, box dimensions 25.5" x 15.3" x 9"

CVS-128B	Koden CVS-128B BROAD BAND 1kW ECHO SOUNDER	\$1,799.00
TD-071	broadband 38 to 75KhZ hi sensitivity transducer for commercial vessels, no fairing block, no connector	\$1,199.00
TD-091D	Rubber molded broadband 42 to 65KhZ and 130 to 210 kHz hi sensitivity transducer for commercial vessels, no fairing block, no connector	\$1,699.00
JB-38	Transducer Junction Box that allows you to use any existing transducer between 24kHz-210kHz, with the CVS-128B and CVS-1410B	\$300.00

CVS-1410B BROAD BAND 1kW ECHO SOUNDER

10.4" TFT LCD - 64 Color Display

This innovative Flex Frequency sounder can transmit on two variable frequencies within the range of broadband transducers (two types available: TDM-052 38kHz to 75kHz / 130kHz to 210kHz and TDM-062 38kHz to 75kHz / 85kHz to 135kHz). variable selection of frequencies FROM 24 TO 240 KhZ. by 0.1kHz steps. Presentation modes include: Hi Frequency, Low Frequency, 1 to 2 Frequencies, RMS Power Output 1kW, Zoom, Bottom lock, Bottom Discrimination, Bottom Zoom, Bottom Follow Zoom, Nav Mode, Vertical Split, Horizontal Split, Mix, A-Scope. 1 NMEA Input, Range 5 - 3600 ft., Power 10.8 - 31.2 VDC, Shipping weight 26 lbs, box dimensions 25.5" x 15.3" x 9"

CVS-1410B	Koden CVS-1410B BROAD BAND 1kW ECHO SOUNDER	\$2,699.00
TD-071	broadband 38 to 75KhZ hi sensitivity transducer for commercial vessels, no fairing block, no connector	\$1,199.00
TD-091D	Rubber molded broadband 42 to 65KhZ and 130 to 210 kHz hi sensitivity transducer for commercial vessels, no fairing block, no connector	\$1,699.00

CVS-FX1 SUPER BROAD BAND 3kW ECHO SOUNDER 12.1" TFT Display or Black Box Ver.

This innovative Flex Frequency sounder can transmit on four variable frequencies within the range of broadband transducer (two types available: TDM-052 38kHz to 75kHz / 130kHz to 210kHz and TDM-062 38kHz to 75kHz / 85kHz to 135kHz). variable selection of frequencies FROM 24 TO 240 KhZ. by 0.1kHz steps. Presentation modes include: Hi Frequency, Low Frequency, 1 to 4 Frequencies, RMS Power Output 3kW, Zoom, Bottom lock, Bottom Discrimination, Bottom Zoom, Bottom Follow Zoom, Nav Mode, Vertical Split, Horizontal Split, Mix, A-Scope. 2 NMEA Inputs, Range 5 - 8000 ft., Power Supply 10.8 - 31.2 VDC, Power Consumption 60W or less @ 24VDC, Shipping weight 29 lbs, shipping dimensions 24" x 16" x 9". includes junction box for transducer connections.

CVS-FX1	Koden 12.1" TFT LCD Display 3kW Super Broadband Echo Sounder	\$4,499.00
CVS-FX2BB	Koden CVS-FX2BB Black Box Version, 3kW Super Broad band 3kW Echo Sounder	\$3,999.00
TDM-052A	3kW Rubber molded broadband 38 to 75KhZ and 130 to 210 kHz hi sensitivity transducer for commercial vessels, no fairing block, no connector	\$2,199.00
TDM-052A/R109	Bronze thru-hull version of the TMD-052A. Encased in the Airmar R109 housing, includes fairing block.	\$3,199.00
TDM-062A	3kW Rubber molded broadband 38 to 75KhZ and 85 to 135 kHz hi sensitivity transducer for commercial vessels, no fairing block, no connector	\$2,499.00

CVR-010 IMO NAVIGATIONAL ECHO SOUNDER

Koden IMO CVR-010 navigational echo sounder features a 5.7" colour display and meets IMO standard MSC.74(69) Annex 4 & EU Marine Equipment Directive (MED). Sounding data storage for the last 12 hours can be retrieved via the Play Back function. The CVR-010 also features password protection. 50kHz or 200kHz frequency transducer needs to be specified when ordering as it is supplied with transducer. 5.7" Colour LCD Display, 600W Output, Sounding data storage for last 12hrs, Password Protection, Depth, Lost Bottom & Power Fail alarm.

CVR-010	IMO Echo Sounder 5.7" colour display (meets IMO standards) display only	\$3,499.00
TGM60-50-20L	50kHz IMO thru-hull Transducer	\$499.00
TGM8-200-20L	200kHz IMO thru-hull Transducer	\$599.00

KODEN MARINE RADARS**MDC-900 Series (8.4" Color) DUAL RANGE LCD RADARS**

8.4" Color TFT daylight viewable LCD with anti-reflective glare coating - part number MRD-103A. Dual Range function lets you view both long/short-range targets simultaneously, high-performance signal processing, exclusive True Trail feature clearly identifies moving targets from stationary targets like land or buoys. RGB output to connect external monitor. Accepts CCD camera input, cable included. Auto tuning, selectable automatic gain, STC, FTC. Dual and floating VRM/EBL. Heads up, North up, Course up, True Motion. Parallel Cursor, Variable Guard Zone, navigation interface, MOB key. Dual Speed versions allow selection of standard 24RPM or 48RPM antenna rotation. Optional ATA tracks up to 50 user designated targets (Heading & GPS input required). **With Built-in AIS interface displays up to 100 AIS targets.** Includes 33' interconnect cable. 10.8~31.2VDC

MDC-941A	4kW output, 1/8NM to 36NM range, 25" dual speed Radome	\$2,999.00
MDC-940A-3	4kW output, 1/8NM to 48NM range, 3.5 ft. dual speed open antenna	\$4,999.00
MDC-940A-4	4kW output, 1/8NM to 48NM range, 4.5 ft. dual speed open antenna	\$5,199.00
CW-265-2M	Replacement power cord	\$55.99
CW-405-0.3M	Composite video in cable, 8 pin one end, RCA female the other end, .3 m	\$39.95

TARGET TRACKING SOLUTION

CW-376-5M	6 pin NMEA cable, 5 meters long, one end plain	\$75.00
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SECOND STATION CONTROL SOLUTIONS

MRD-103A	Remote display for MDC-900 series - 8.4" High Resolution Color TFT LCD	\$1,999.00
CW-561-10M	Remote 2nd station display Interface cable (Includes two 10-pin plugs & 10 meter cable)	\$299.00
CW-561-30M	Remote 2nd station display Interface cable (Includes two 10-pin plugs & 30 meter cable)	\$589.00

EXTERNAL MONITOR SOLUTION

CW-576-0.5M	VGA out cable with 15 pin D female plug. For external monitor connection - use any 4:3 ratio	\$150.00
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Extended Interconnect Cable Lengths (Standard cables are 33')

49' Interconnect Cable	242J160680B for 2kW Radome	Add	\$100.00
49' Interconnect Cable	242J158055B for 4kW Radome	Add	\$100.00
65' Interconnect Cable	242J159098C for all open scanners	Add	\$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add	\$400.00

MDC-2000 SERIES 10.4" DUAL RANGE LCD RADARS

10.4" Color TFT daylight viewable LCD with anti-reflective glare coating - part number MRD-104A. Dual Range function lets you view both long/short-range targets simultaneously, high-performance signal processing, exclusive True Trail feature clearly identifies moving targets from stationary targets like land or buoys. RGB output to connect external monitor. Accepts CCD camera input, cable included. Auto tuning, selectable automatic gain, STC, FTC. Dual and floating VRM/EBL. Heads up, North up, Course up, True Motion. Parallel Cursor, Variable Guard Zone, navigation interface, MOB key. Dual Speed versions allow selection of standard 24RPM or 48RPM antenna rotation. **Built-in ATA tracks up to 50 user designated targets (Heading & GPS input required). with built-in AIS interface displays up to 100 AIS targets.** Includes 33' interconnect cable. 10.8~31.2VDC

MDC-2041A	4kW output, 1/8NM to 36NM range, 25" dual speed Radome	\$4,299.00
MDC-2040A-3	4kW output, 1/8NM to 48NM range, 3.5 ft. open antenna	\$6,099.00
MDC-2040A-4	4kW output, 1/8NM to 48NM range, 4.5 ft. open antenna	\$6,299.00
MDC-2060A-4	6kW output, 1/8NM to 72NM range, 4.5 ft. open antenna	\$7,299.00

MDC-2060A-6	6kW output, 1/8NM to 72NM range, 6 ft. open antenna	\$7,499.00
MDC-2010A-4	12kW output, 1/8NM to 72NM range, 4.5 ft. open antenna	\$8,099.00
MDC-2010A-6	12kW output, 1/8NM to 72NM range, 6 ft. open antenna	\$8,099.00
CW-265-2M	Spare power cord	\$55.99
CW-376-5M	6 pin Data interface cable, 5 meters (required for position and HDT heading input)	\$75.00
SECOND CONTROL STATION SOLUTION		
MRD-103A	Remote display - 8.4" High Resolution Color TFT LCD	\$2,455.00
MRD-104A	Remote display - 10.4" High Resolution Color TFT LCD	\$2,800.00
CW-561-10M	Interface cable 10 m to connect remote display to main unit. (Includes two 10-pin plugs & 33' cable)	\$299.00
CW-561-30M	Interface cable 30 m to connect remote display to main unit. (Includes two 10-pin plugs & 33' cable)	\$589.00
EXTERNAL MONITOR SOLUTION		
CW-576-0.5M	VGA out cable with 15 pin D female plug. For external monitor connection - use a 4:3 ratio VGA monitor in portrait orientation	\$150.00
EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)		
49' Interconnect Cable	242J158055B for 4kW Radome	Add \$100.00
65' Interconnect Cable	242J159098C for all open scanners	Add \$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add \$400.00
MDC-2000BB SERIES BLACK BOX DUAL RANGE RADARS		
Black Box Radar. Same capabilities as the MDC-2000 shown above, less the display. Comes with MRM-112 Processor and MRO-112 Operation Unit.		
MDC-2041ABB	4kW output, 1/8NM to 36NM range, 25" dual speed Radome	\$4,299.00
MDC-2040A-3BB	4kW output, 1/8NM to 48NM range, 3.5 ft. open antenna	\$6,099.00
MDC-2040A-4BB	4kW output, 1/8NM to 48NM range, 4.5 ft. open antenna	\$6,299.00
MDC-2060A-4BB	6kW output, 1/8NM to 72NM range, 4.5 ft. open antenna	\$7,299.00
MDC-2060A-6BB	6kW output, 1/8NM to 72NM range, 6 ft. open antenna	\$7,699.00
MDC-2010A-4BB	12kW output, 1/8NM to 72NM range, 4.5 ft. open antenna	\$8,099.00
MDC-2010A-6BB	12kW output, 1/8NM to 72NM range, 6 ft. open antenna	\$8,499.00
CW-265-2M	Spare power cord	\$55.99
CW-376-5M	6 pin Data interface cable, 5 meters (required for position and HDT heading input)	\$75.00
SECOND CONTROL STATION SOLUTION		
MRD-103A	Remote display - 8.4" High Resolution Color TFT LCD	\$2,455.00
MRD-104A	Remote display - 10.4" High Resolution Color TFT LCD	\$2,800.00
CW-561-10M	Interface cable 10 m to connect remote display to main unit. (Includes two 10-pin plugs & 33' cable)	\$299.00
CW-561-30M	Interface cable 30 m to connect remote display to main unit. (Includes two 10-pin plugs & 33' cable)	\$589.00
EXTERNAL MONITOR SOLUTION		
CW-576-0.5M	VGA out cable with 15 pin D female plug. For external monitor connection - use a 4:3 ratio VGA	\$150.00
EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)		
49' Interconnect Cable	242J158055B for 4kW Radome	Add \$100.00
65' Interconnect Cable	242J159098C for all open scanners	Add \$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add \$400.00
MDC-5000 SERIES Black Box RADARS WITH ATA AND C-MAP OVERLAY		
Black Box Radar. Map Overlay with optional C-MAP NT+ or NT MAX Chart. Built-in TT (ARPA) tracks up to 50 user designated targets. True Trail feature clearly identifies moving targets from stationary targets like land or buoys. Two-speed antenna rotation (48/24 rpm) tracks fast moving, close-in targets. High resolution XGA display. Displays up to 500 AIS targets with built-in AIS interface. 15 m antenna cable. MRM110/MRO110 Processor and Operation Unit included.		
MDC-5004-3	4kW output, 1/8NM to 48NM range, 3.5 ft. open antenna	\$9,499.00
MDC-5004-4	4kW output, 1/8NM to 48NM range, 4.5 ft. open antenna	\$9,699.00
MDC-5004-6	4kW output, 1/8NM to 48NM range, 6 ft. open antenna	\$10,099.00

MDC-5060-4	6kW output, 1/8NM to 64NM range, 4.5 ft. open antenna	\$10,699.00
MDC-5060-6	6kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$10,499.00
MDC-5010-4	12kW output, 1/8NM to 64NM range, 4.5 ft. open antenna	\$11,499.00
MDC-5010-6	12kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$11,899.00
MDC-5010-9	12kW output, 1/8NM to 64NM range, 9 ft. open antenna	\$12,499.00
MDC-5020-4	25kW output, 1/8NM to 96NM range, 405 ft. open antenna	\$12,799.00
MDC-5020-6	25kW output, 1/8NM to 96NM range, 6 ft. open antenna	\$13,199.00
MDC-5020-9	25kW output, 1/8NM to 96NM range, 9 ft. open antenna	\$13,799.00
OPTIONS		
MRD-111	Remote display - 12" High Resolution Color TFT LCD	\$5,100.00
CW-376-5M	Data cable, 6 pin connector, the other end plain, 5 meters (required for position and HDT	\$75.00
CW-387-5M	8 pin AIS data cable, 5 meters long, one end plain	\$75.00
EXTERNAL MONITOR SOLUTION		
CW-576-0.5M	VGA out cable with 15 pin D female plug. For external monitor connection - use a 4:3 ratio VGA	\$ 150.00
EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)		
49' Interconnect Cable	242J159098B for all open scanners	Add \$100.00
65' Interconnect Cable	242J159098C for all open scanners	Add \$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add \$400.00
MDC-5200 SERIES 12" LCD RADARS WITH ATA AND C-MAP OVERLAY		
12" True-Color LCD Radar - part number MRD-111. Map Overlay with optional C-MAP NT+ or NT MAX Chart. Built-in TT (ARPA) tracks up to 100 user designated targets. True Trail feature clearly identifies moving targets from stationary targets like land or buoys. Two-speed antenna rotation (48/24 rpm) tracks fast moving, close-in targets. High resolution XGA display. Displays up to 1000 AIS targets with built-in AIS interface. 15 m antenna cable.		
MDC-5204-3	4kW output, 1/8NM to 48NM range, 3.5 ft. open antenna	\$9,399.00
MDC-5204-4	4kW output, 1/8NM to 48NM range, 4.5 ft. open antenna	\$9,599.00
MDC-5204-6	4kW output, 1/8NM to 48NM range, 6 ft. open antenna	\$9,999.00
MDC-5206-4	6kW output, 1/8NM to 64NM range, 4.5 ft. open antenna	\$10,399.00
MDC-5206-6	6kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$10,799.00
MDC-5212-4	12kW output, 1/8NM to 64NM range, 4.5 ft. open antenna	\$11,199.00
MDC-5212-6	12kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$11,599.00
MDC-5225-4	25kW output, 1/8NM to 96NM range, 4 ft. open antenna	\$12,499.00
MDC-5225-6	25kW output, 1/8NM to 96NM range, 6 ft. open antenna	\$13,099.00
OPTIONS		
MRD-111	Remote display - 12" High Resolution Color TFT LCD	\$5,100.00
CW-376-5M	Data cable, 6 pin connector, the other end plain, 5 meters (required for position and HDT heading input	\$75.00
CW-387-5M	8 pin AIS data cable, 5 meters long, one end plain	\$75.00
EXTERNAL MONITOR SOLUTION		
CW-576-0.5M	VGA out cable with 15 pin D female plug. For external monitor connection - use a 4:3 ratio VGA	\$ 150.00
EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)		
49' Interconnect Cable	242J159098B for all open scanners	Add \$100.00
65' Interconnect Cable	242J159098C for all open scanners	Add \$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add \$400.00

MDC-5500 SERIES 15" LCD COLOR RADARS WITH ATA AND C-MAP OVERLAY

15" True-Color LCD Radar - part number MRD-109. Map Overlay w/optional C-MAP NT+ or NT MAX Chart. **Built-in ATA tracks up to 100 user designated targets.** True Trail feature clearly identifies moving targets from stationary targets like land or buoys. Two-speed antenna rotation (48/24 rpm) tracks fast moving, close-in targets. New signal processing technology for constant display of small targets. Has separate keyboard for multiple installation locations. . **Displays up to 1000 AIS targets with built-in AIS interface.** Optional remote second-station. IPX5 Waterproof rating; programmable keys, joystick, and precision rotary knobs to control VRM, EBL, Gain, STC, FTC; 15 m antenna cable

MDC-5504-3	4kW output, 1/8NM to 48NM range, 3.5 ft. open antenna	\$12,499.00
MDC-5504-4	4kW output, 1/8NM to 48NM range, 4.5 ft. open antenna	\$12,699.00
MDC-5504-6	4kW output, 1/8NM to 48NM range, 6 ft. open antenna	\$13,099.00
MDC-5506-4	6kW output, 1/8NM to 64NM range, 4 ft. open antenna	\$13,699.00
MDC-5506-6	6kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$14,099.00
MDC-5512-4	12kW output, 1/8NM to 64NM range, 4 ft. open antenna	\$14,499.00
MDC-5512-6	12kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$14,899.00
MDC-5512-9	12kW output, 1/8NM to 64NM range, 9 ft. open antenna	\$15,099.00
MDC-5525-4	25kW output, 1/8NM to 96NM range, 4 ft. open antenna	\$15,799.00
MDC-5525-6	25kW output, 1/8NM to 96NM range, 6 ft. open antenna	\$16,199.00
MDC-5525-9	25kW output, 1/8NM to 96NM range, 9 ft. open antenna	\$16,799.00
CW-259	Spare power cord	\$83.75
OPTIONS		
CW-376-5M	Data cable, 6 pin connector, the other end plain, 5 meters (required for position and HDT heading input)	\$75.00
CW-387-5M	8 pin AIS data cable, 5 meters long, one end plain	\$75.00

EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)

49' Interconnect Cable	242J159098B for all open scanners	Add	\$100.00
65' Interconnect Cable	242J159098C for all open scanners	Add	\$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add	\$400.00

EXTERNAL MONITOR SOLUTION

CW-576-0.5M	VGA out cable with 15 pin D female plug. For external monitor connection - use a 4:3 ratio VGA monitor in portrait orientation - UNIQUE OPTION	\$150.00
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EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)

65' Interconnect Cable	242J159098C for all open scanners	Add	\$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add	\$400.00

MDC-7000BB SERIES BLACK BOX COLOR RADARS WITH ATA AND C-MAP OVERLAY

Black Box Radar. Map Overlay w/optional C-MAP NT+ or NT MAX Chart. Built-in TT (ARPA) tracks up to 100 user designated targets. True Trail feature clearly identifies moving targets from stationary targets like land or buoys. Two-speed antenna rotation (48/24 rpm) tracks fast moving, close-in targets. New signal processing technology for constant display of small targets. Has separate keyboard for multiple installation locations. . Displays up to 1000 AIS targets with built-in AIS interface. Optional remote second-station. IPX5 Waterproof rating; programmable keys, joystick, and precision rotary knobs to control VRM, EBL, Gain, STC, FTC; 15 m antenna cable. MRM108/MRO108 Processor and Operation unit included.

MDC-7006-4BB	6kW output, 1/8NM to 64NM range, 4.5 ft. open antenna	\$11,199
MDC-7006-6BB	6kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$11,599
MDC-7012-4BB	12kW output, 1/8NM to 64NM range, 4.5 ft. open antenna	\$11,999
MDC-7012-6BB	12kW output, 1/8NM to 64NM range, 6 ft. open antenna	\$12,399
MDC-7012-9BB	12kW output, 1/8NM to 64NM range, 9 ft. open antenna	\$12,999
MDC-7025-4BB	25kW output, 1/8NM to 96NM range, 4 ft. open antenna	\$13,299
MDC-7025-6BB	25kW output, 1/8NM to 96NM range, 6 ft. open antenna	\$13,699
MDC-7025-9BB	25kW output, 1/8NM to 96NM range, 9 ft. open antenna	\$14,299

OPTIONS		
CW-376-5M	Data cable, 6 pin connector, the other end plain, 5 meters (required for position and HDT heading input)	\$75.00
CW-387-5M	8 pin AIS data cable, 5 meters long, one end plain	\$75.00
SECOND CONTROL STATION SOLUTION		
MRM-108/MRO-108	Second station - black box radar unit (MDC-7000BB series)	\$6,999.00
EXTERNAL MONITOR SOLUTION		
CW-576-0.5M	VGA out cable with 15 pin D female plug. For external monitor connection - use a 4:3 ratio VGA monitor in portrait orientation - UNIQUE OPTION	\$150.00
EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)		
65' Interconnect Cable	242J159098C for all open scanners	Add \$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add \$400.00
MDC-7900 Series Radars (Non-IMO)		
MDC-7906/7912/7925 Series Radars (19" Color LCD)		
19" High-resolution Color LCD display (1280x1024 pixels) - part number MRD-108, MAP overlay w/C-Map NT+ or NT MAX chart, Built-in ATA tracks up to 100 targets, Built-in AIS interface displays up to 1000 taragets , Real-time smooth head-up presentation. True Trail function, Past Position function, CFAR function, ENH, IR, RR, VRM, EBL, PI, ERBL, Guard Zone, off-centering, cursor positon (Lat/Lon), Bearing (true/relative), own ships past track, RGB output. Heads up, North up, Course up presentation modes. Antenna rotation 24RPM. Includes 49' interconnect cable. 21.6~41.6VDC		
MDC-7906-4	6kW, 1/8 to 64NM range, 4 ft. Open Array	\$15,499.00
MDC-7906-6	6kW, 1/8 to 64NM range, 6 ft. Open Array	\$15,899.00
MDC-7912-4	12kW, 1/8 to 64NM range, 4 ft. Open Array	\$15,899.00
MDC-7912-6	12kW, 1/8 to 64NM range, 6 ft. Open Array	\$16,299.00
MDC-7912-9	12kW, 1/8 to 64NM range, 9 ft. Open Array	\$16,899.00
MDC-7925-4	25kW, 1/8 to 96NM range, 4 ft. Open Array	\$17,199.00
MDC-7925-6	25kW, 1/8 to 96NM range, 6 ft. Open Array	\$17,599.00
MDC-7925-9	25kW, 1/8 to 96NM range, 9 ft. Open Array	\$18,199.00
MDC-7900P Series IMO Radars		
MDC-7912P/7925P Series IMO Approved Radars (19" Color SXGA LCD)		
Complies with new IMO and SOLAS regulations. 19" High-resolution Color SXGA LCD display (1280x1024 pixels) w/anti-reflective coating - part number MRD-108P.. New signal processing technology for real-time smooth head-up presentation & superior target discrimination.CFAR function w/Koden's Semi-automatic clutter suppression. Built-in TT tracks up to 100 targets. Built-in AIS interface displays up to 900 taragets. Interswitch function connects two radar displays without an extra device. True Trail function, Past Position function, ENH, IR, RR, VRM, EBL, PI, ERBL, Guard Zone, off-centering, cursor positon (Lat/Lon), Bearing (true/relative), own ships past track, RGB output. Heads up, North up, Course up presentation modes. Antenna rotation 24RPM. Includes 49' interconnect cable. 21.6~41.6VDC		
MDC-7912P-4	12kW, 1/8 to 64NM range, 4 ft. Open Array	\$17,199.00
MDC-7912P-6	12kW, 1/8 to 64NM range, 6 ft. Open Array	\$17,599.00
MDC-7912P-9	12kW, 1/8 to 64NM range, 9 ft. Open Array	\$18,199.00
MDC-7925P-4	25kW, 1/8 to 96NM range, 4 ft. Open Array	\$18,499.00
MDC-7925P-6	25kW, 1/8 to 96NM range, 6 ft. Open Array	\$18,899.00
MDC-7925P-9	25kW, 1/8 to 96NM range, 9 ft. Open Array	\$19,499.00
MDC-7012P/7025P Black Box IMO Approved Series Radars		
Black Box Radars consist of processor unit, operation unit (keyboard) and radar antenna. Meets new IMO and SOLAS regulations. MSC192(79) approved Radars meet SOLAS carriage requirents when connected to an IMO approved display. CFAR function with Koden's Semi-automatic clutter suppression. Built-in TT tracks up to 100 targets. Built-in AIS interface displays up to 900 taragets. Real-time smooth head-up presentation. True Trail function, Past Position function, ENH, IR, RR, VRM, EBL, PI, ERBL, Guard Zone, off-centering, cursor positon (Lat/Lon), Bearing (true/relative), own ships past track. Heads up, North up, Course up presentation modes. Antenna rotation 24RPM. Includes 49' interconnect cable. 21.6~41.6VDC		
MDC-7012P-4	12kW, 1/8 to 64NM range, 4 ft. Open Array	\$14,999.00

MDC-7012P-6	12kW, 1/8 to 64NM range, 6 ft. Open Array	\$15,399.00
MDC-7012P-9	12kW, 1/8 to 64NM range, 9 ft. Open Array	\$15,999.00
MDC-7025P-4	25kW, 1/8 to 96NM range, 4 ft. Open Array	\$16,299.00
MDC-7025P-6	25kW, 1/8 to 96NM range, 6 ft. Open Array	\$16,699.00
MDC-7025P-9	25kW, 1/8 to 96NM range, 9 ft. Open Array	\$17,299.00
EXTRA CABLE LENGTH (WHEN ORDERING A NEW RADAR)		
65' Interconnect Cable	242J159098C for all open scanners	Add \$200.00
100' Interconnect Cable	242J159098D for all open scanners	Add \$400.00
MDS-1100 Series RADARpc for use with Coastal Explorer software - purchased separately		
All models include MDS-11R Control Box, Radar Antenna and 33' interconnect cable		
MDS-1105R	25" Radome Antenna. 1/8-36NM	\$4,299.00
MDS-1104R-3	4kW, 3.5" Open Array 1/8-48NM	\$6,099.00
MSS-1104R-4	4kW, 3.5" Open Array 1/8-48NM	\$6,299.00
MDS-1106R-4	6kW, 4.5" Open Array 1/8-48NM	\$7,599.00
MDS-1106R-6	6kW, 6.5" Open Array 1/8-64NM	\$8,099.00
MDS-1112R-4	12kW, 4.5" Open Array 1/8-72NM	\$8,499.00
MDS-1112R-6	12kW, 6.5" Open Array 1/8-72NM	\$8,999.00
MDS-11R	Control box bought separately for adding to an existing radar.	\$1,900.00
PARTS OF RADAR SYSTEMS PRICED SEPARATELY		
RADAR Displays		
MRD103A	8.4" Color Display for MDC900 Series Radars	\$1,999.00
MRD104A	10.4" Color Display for MDC2000 Series Radars	\$2,800.00
MRD111	12" Color Display for MDC-5200 Series Radars	\$5,100.00
MRD109	15" Color Display for MDC-5500 Series Radars	\$7,100.00
MRD108	19" Color Display for MDC-7900 Series Radars	\$8,500.00
MRD108P	19" Color Display for MDC-7900P IMO Series Radars	\$9,400.00
BLACK BOX PROCESSORS AND OPERATION UNITS		
MRO-112	Operation Unit for MDC-2000BB Series Radars	\$699.00
MRM-112	Processor Unit for MDC-2200BB	\$2,400.00
MRO-108	Operation Unit for MDC-5500 & 7000 Series Radars	\$1,099.00
MRM-108	Processor Unit for MDC-5500 & 7000 Series Radars	\$5,900.00
MRO-110	Operation Unit for MDC-5000 Series Radars	\$1,099.00
MRM-110	Processor Unit for MDC-5000 Series Radars	\$5,100.00
MRO-108P	Operation Unit for MDC-7000P and 7900P Series Radars	\$1,099.00
MRM-108P	Processor Unit for MDC-7000P and 7900P Series Radars	\$6,900.00
RADAR ANTENNA UNITS		
RB714A	2 kW 18" Radome	\$1,499.00
RB805	4 kW 25" Radome	\$1,999.00
RB806	4 kW OPEN (LESS ARRAY)	\$2,999.00
RB717A	6 kW OPEN (LESS ARRAY)	\$3,799.00
RB718A	12 kW OPEN (LESS ARRAY)	\$4,999.00
RB719A	25 kW OPEN (LESS ARRAY)	\$6,499.00
RADAR ARRAYS		
RW701A-03	3' OPEN ARRAY	\$849.00
RW701A-04	4' OPEN ARRAY	\$1,049.00
RW701A-06	6' OPEN ARRAY	\$1,499.00
RW701A-09	9' OPEN ARRAY	\$2,299.00

RADAR INTERCONNECT CABLE		
242J160680A	33' Interconnect cable for 2 kW dome RB714A	\$299.00
242J160680B	49' Interconnect cable for 2 kW dome RB714A	\$399.00
242J160680C	65' Interconnect cable for 2 kW dome RB714A	\$499.00
242J160680D	100' Interconnect cable for 2 kW dome RB714A	\$699.00
242J158055A	33' Interconnect cable for 4 kW dome RB715A	\$299.00
242J158055B	49' Interconnect cable for 4 kW dome RB715A	\$399.00
242J158055C	65' Interconnect cable for 4 kW dome RB715A	\$499.00
242J158055D	100' Interconnect cable for 4 kW dome RB715A	\$699.00
242J159098A	33' Interconnect cable for all open array scanners (RB716A-RB719BP)	\$299.00
242J159098B	49' Interconnect cable for all open array scanners (RB716A-RB719BP)	\$399.00
242J159098C	65' Interconnect cable for all open array scanners (RB716A-RB719BP)	\$499.00
242J159098D	100' Interconnect cable for all open array scanners (RB716A-RB719BP)	\$699.00
SONARS		
KDS-6000BB - 1.5kW Broadband Black Box Sonar		
1.5 kW Broadband Sonar, variable frequencies from 130-210kHz (0.1kHz steps), system consists of processor, operation unit, hoist unit and transducer with 33 feet of interconnect cable. 6" soundome.		
KDS-6000BB - 1.5kW Broadband Black Box Sonar With DHU-6302 Soundome		\$14,999.00
KDS-6000BB - 1.5kW Broadband Black Box Sonar Options		
DHU-6302	KDS-6000BB Soundone with 33' cable - Replacement Unit	\$6,999.00
RCW-14	Hand Held Remote Control (wired)	\$450.00
ESR-1507	KDS-6000BB FRP Tank, 4.9'	\$1,599.00
KDS-8000BB - 1.5kW Broadband Black Box Sonar		
1.5 kW Broadband Sonar, variable frequencies from 130-210kHz (0.1kHz steps), system consists of processor, operation unit, hoist unit and transducer with 33 feet of interconnect cable. 8" soundome.		
KDS-8000BB - 1.5kW Broadband Black Box Sonar With DHU-8301 Soundome		\$32,999.00
KDS-8000BB - 1.5kW Broadband Black Box Sonar Options		
DHU-8301	KDS-8000BB Soundone with 33' cable - Replacement Unit	\$6,999.00
RCW-14	Hand Held Remote Control (wired)	\$450.00
ESR-1508	KDS-8000BB FRP Tank, 4.9'	\$2,499.00
OP-802	KDS-8000BB Motion Sensor	\$1,550.00
GPS		
NEW KGP-915 GPS Receiver		
72-channel WAAS GPS receiver, 4.3" color LCD screen. 9,000 waypoints, instant memory, 20 routes. Built-in trackplotter, electronic fairway, compass display. Steering computer with numerous navigational displays, L/L or TD operation, arrival, anchor and off course alarms. Differential ready. 11~40 VDC		\$549.00
KGP-922 IMO Approved GPS Receiver		
IMO approved 18-Channel GPS WAAS Navigator for mandatory installations. Meets IMO requirements		\$999.00
KRD-10		
NMEA Repeater with color LCD, 18 Selectable modes, including Rudder Angle Indicator and Rate Of Turn		\$499.00
GPS-20A		
Smart 18 channel WAAS GPS antenna with NMEA output. True parallel 18-channel GPS WAAS receiver interfaces seamlessly with charting systems, trackplotters, autopilots and other NMEA-0183 systems. Includes 33' of cable. 10.8~31.2 VDC		\$259.00
KBG-3		
Parallel 18-channel DGPS/GPS Sensor features SBAS (WAAS/EGNOS) enabled, beacon receiver built-in.		\$999.00

CLASS A AIS (IMO APPROVED)**KAT-330**

Koden KAT-330 Class A Automatic Identification System transceiver features a compact combined Display/AIS transponder unit with a high resolution 6" Color LCD & rotary control knob. CLASS A AIS Transceiver (IMO APPROVED) meets IMO Standard MSC.74(69) Annex 4, also meets FCC, USCG, CCNR(Inland AIS), IC,TC standards. 72 channel GPS receiver with external antenna, Data outputs for radar, chart plotter etc., NMEA 0183, RS-232, NMEA 2000, Long Range WIFI, 10.8 to 31.2 VDC. Easy to Bracket or Flush mount, Data cables, Power cable. Support software on CD, GPS Antenna w/ 10m Cable,.

\$2,399.00

GPS COMPASS**KGC-222**

KGC-222 has two main components, display and antenna. Display unit has processor, receiver and 4" LCD display. 3 configurable NMEA1083 heading data output ports expandable to 5 with optional junction box JB-35. SBASS (WASS / EGNOS) enabled. Two 15 meter antenna cable's included.. Max Antenna Cable length 60M.

\$2,499.00

OPTIONS:

SV-KCM	1"1/4 Antenna Mounting Bracket	\$99.00
JB-35	NMEA Junction Box for expansion to 5 NMEA ports - included CW-376-5M cable	\$299.00
CW376-5M	NMEA-0183 Data cable	\$75.00

NEW KGC-300 IMO GPS Compass

KGC-300 has three main components, color display, and processor, receiver.

\$3,299.00

OPTIONS:

SV-KCM	1"1/4 Antenna Mounting Bracket	\$99.00
JB-35	NMEA Junction Box for expansion to 5 NMEA ports - included CW-376-5M cable	\$299.00
CW376-5M	NMEA-0183 Data cable	\$75.00