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MARINE

**TRANSISTORIZED
RADIO
TELEPHONES**

Bendix-Marine, a pioneer in the development of transistor type marine radiotelephones, offers a complete selection of equipment to meet all requirements.

By the use of transistors in the receiver, modulator and power supply not only has the size, weight and power consumption been greatly reduced, but the reliability and longevity have been increased substantially.

All Bendix radiotelephones are type accepted by the F.C.C. and are licensable for use in Marine, Aircraft, Public Safety and Industrial service (parts 8,9,10 & 11). Sets sold in Canada meet D.C.T. requirements. All have a tunable broadcast band for reception of news, weather, etc. and the marine channels are crystal controlled for both transmitting and receiving.



Construction of the equipment is to highest commercial standards using material and components designed to withstand the severe environmental conditions encountered in marine use. Cabinets and exterior surfaces are triple-treated to withstand corrosion. After forming, the aluminum sheet metal is Alodine treated to military specifications and finished with two coats of baked epoxy enamel. The last coat is a textured semi-gloss finish. Colors are tones of grey to harmonize with any decor.

The Skipper series are equipped with a universal mounting cradle that permits the radiotelephone to be installed on a shelf, bulkhead or overhead with equal ease. This also facilitates removal of the unit and all connections from battery, antenna, etc. are plug-in type for further convenience. All sets are fully protected against accidental reversal of polarity.

A high quality push-to-talk microphone, transmit and receive crystals for 2182 and 2638 Kc, log book and a technical and operational manual are included with each unit.

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SKIPPER 135

33-watt, 5-channel

The Skipper 135 is an outstanding set in the low-priced field — powerful enough for emergencies yet requiring little current from the ship's battery. Universal mounting in any position or location. Easy to remove for storage. 12-volt only.



SKIPPER 242

50-watt, 6-channel

The Skipper 242 is an ideal combination of power and size in a radiotelephone. Rated at 50-watts by the F.C.C., it also meets the Coast Guard requirements for commercial vessels carrying passengers for hire. Has built-in noise limiter. 12-volt only.



SKIPPER 365

65-watts, 6-channel

A real power-house in a small package. Highly efficient, top performer. Output meter gives instant indication of transmitter performance. Selective noise limiter and provision for full remote control. 12- and 32-volt.

SPECIFICATIONS

GENERAL

	FREQUENCY RANGE	NO. OF CHANNELS	INPUT VOLTAGE	INPUT CURRENT / RECEIVE	INPUT CURRENT / STANDBY	INPUT CURRENT / TRANSMIT	SIZE	WEIGHT
SKIPPER 135	2000-3000 Kc	5	12 DC	.3 Amp ²	.9 Amp	5.5 Amp	5 5/8" H x 10" W x 13 1/4" L	12.5 Lbs
SKIPPER 242	2000-4500 Kc	6	12 DC	.5 Amp ²	1.3 Amp	7.5 Amp	5 5/8" H x 10" W x 13 1/4" L	15.5 Lbs
SKIPPER 365	2000-4500 Kc	6	12; 32 DC ¹	.5 Amp; .3 Amp ²	1.3 Amp; .5 Amp	10.8 Amp; 4.3 Amp	6 5/8" H x 10" W x 13 1/4" L	17 Lbs
SKIPPER 430	2000-4500 Kc	8	12; 32 DC ¹	.5 Amp; .3 Amp	2.1 Amp; .9 Amp	19.0 Amp; 7.6 Amp	6 5/8" H x 13 3/4" W x 13 1/4" L	23 Lbs
CAPTAIN 250	2000-9000 Kc	11	12; 32; 110 DC; 115 AC ¹	.4 Amp; .3 Amp; .2 Amp; 20 Watts	4.0 Amp; 1.9 Amp; .7 Amp; 75 Watts	34.0 Amp; 14.2 Amp; 4.8 Amp; 470 Watts	18 1/4" H x 14 1/4" W x 11 1/4" L ³	44 Lbs

¹ 24 Volt available on special order.

² Standard broadcast only.

³ An additional power converter is required for 110DC & 115AC use. Measurements

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SKIPPER 430

130-watts, 8-channel

Nothing has been spared to make the Skipper 430 an outstanding radiotelephone in every respect. High power, small size, reliability and lower power consumption are main features. In addition, the Skipper 430 offers full remote control (optional at extra cost), transmit standby switch to conserve power, selective noise limiter, RF stage in receiver, squelch control, front panel speaker and output indication meter. 12- and 32-volt.



REMOTE CONTROL

An accessory unit consisting of a separate speaker, microphone and associated switches provides complete remote operation, including channel switching. Also available is a remote speaker unit only.

*



CAPTAIN 250

250-watt, 11-channel

The Captain 250 is unparalleled in quality, performance and reliability. Never before has it been possible to produce such a powerful radiotelephone in a single compact unit (weighs only 44 lbs.). Can be operated from 12-volts, too! 250-watts, full power, reduced to 150-watts automatic in ship-to-ship frequency to comply with F.C.C. regulations. Extended frequency to 9mc gives full coverage of channels used on Great Lakes and rivers and two high-seas frequencies. Full remote control (optional), squelch, deck call (a flick of a switch turns the Captain 250 into powerful public address system). Multi-function meter (reads transmitter output plus other important voltages and currents) and standby switch are other features. 12- and 32-volt. For 110DC or 115AC operation a separate power converter is used in conjunction with the 32-volt unit.

RECEIVER

SENSITIVITY 6db SINAD	SELECTIVITY (@ ± 3 Kc)	SELECTIVITY (@ ± 13.5 Kc)	SELECTIVITY (@ ± 17.5 Kc)	AUDIO OUTPUT (per speaker)
5-8 μV	-6db	-60db	-80db	3 Watts
5-8 μV	-6db	-60db	-80db	6 Watts
5-8 μV	-6db	-60db	-80db	6 Watts
1-2 μV	-6db	-60db	-80db	6 Watts
1-2 μV	-6db	-60db	-80db	6 Watts

TRANSMITTER

FCC RATED POWER	OUTPUT POWER (10ohm/200mmfd LOAD)	OUTPUT POWER (30ohm/200mmfd LOAD)	MODULATION	OUTPUT TUBES
33 watts	16.1 watts	20.3 watts	100%	1-12DQ6A
50 watts	27.9 watts	30.1 watts	100%	1-6883
65 watts	34 watts	37 watts	100%	1-6883 or 1-6159
130 watts	75 watts	84 watts	100%	2-6146 or 2-6883
250 watts - 150 watts	150 watts - 90 watts	170 watts - 105 watts	100%	4-6146

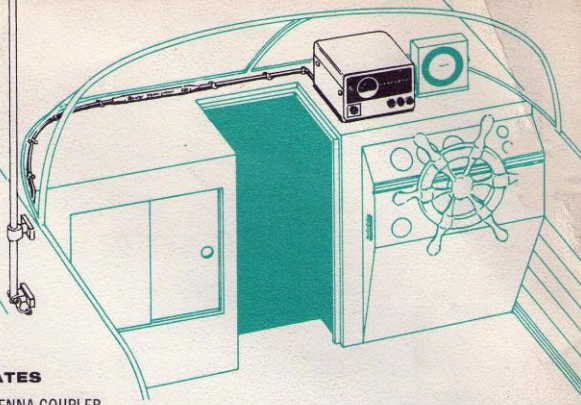
Units are 7"H x 7"W x 11"L. Weight: 27½ lbs.

* Remote Control 5¼"H. x 4"D. x 10"L.

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Bendix MARINE

ANTENNAS AND ACCESSORIES

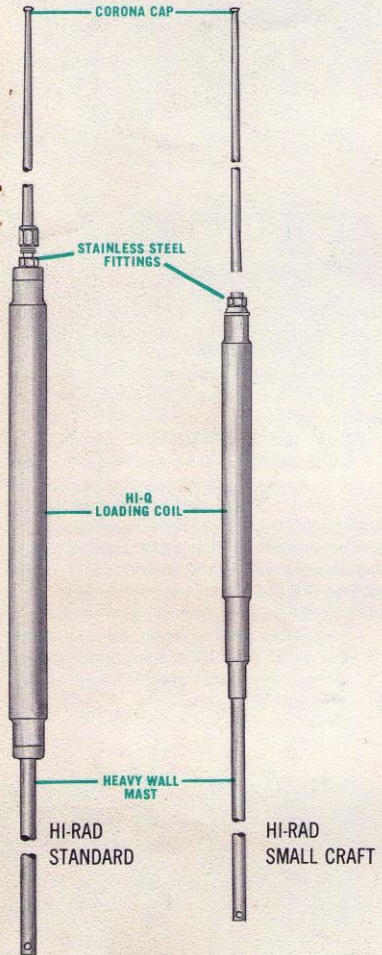
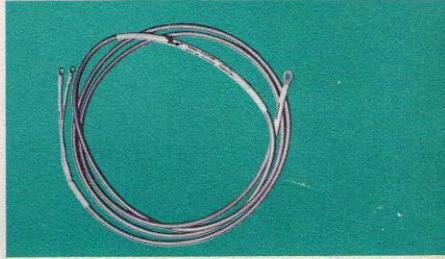


EXCLUSIVE BENDIX TENNA-COUPLER®

ELIMINATES GROUND PLATES

SUITED FOR SMALL BOATS — The TENNA-COUPLER is especially suited for radiotelephone installation in small craft and plastic hulled boats where conventional grounding is impossible to obtain. If a good conventional ground system consisting of 12-15 sq. ft. of copper sheeting or equivalent is obtainable on the boat the Bendix TENNA-COUPLER is not required.

The Bendix TENNA-COUPLER is a special impedance matching coaxial cable assembly, 9 ft. in length, connecting the radiotelephone to the antenna. It provides all the elements of a conventional ground system without any contact whatsoever to the water. Available for Skipper 135, 242 and 365 only.



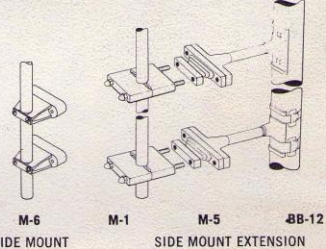
HI-RAD ANTENNAS

BENDIX HI-RAD ANTENNAS ARE ESPECIALLY DESIGNED FOR BENDIX RADIOTELEPHONES

Three models cover all conditions for any type of vessel or installation. The standard model, because of its 18-ft. height is recommended wherever possible (the higher the antenna, the better will be the performance). Model 2800 is designed for use when the total length of lead-in from antenna to radiotelephone, plus length of ground wire, is under 12 ft. Model 3500 is recommended for greater lengths.

The FULL TELESCOPING model has a two-piece telescoping mast which allows its overall height to be reduced to only 6'-10" (from 18').

All Bendix Hi-Rad Antennas use heavy wall (.130") pipe — 1" in diameter and protected against corrosion inside and out with a golden Anodic finish.

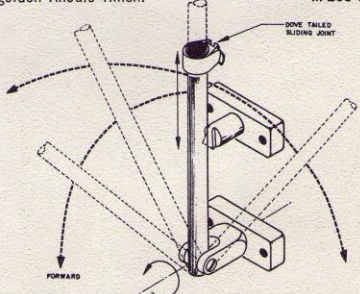


ANTENNA MOUNTS

All Bendix antenna mounts are made of the finest hi-dielectric material.

M-100 LAY DOWN MOUNTS — made of polished aluminum, anodized for corrosion protection. Upper mount features an exclusive dove-tailed sliding joint — can't work loose — one hand operation.

M-200 DELUXE LAY-DOWN MOUNT — same as M-100 except made of brass, chrome-plated.



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Made in U.S.A.

MARINE FORM #262

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