

550B & 550R

50kHz to 200kHz

The Model 550B is designed as the smallest possible thru-hull bronze housing that can use the commercial type 50kHz elements. It is small enough for pleasure boats, but has the output and sensitivity of a commercial transducer.

The 550R is a 1Kw transducer offered in both the 50 kHz or 200kHz frequency.

Options:

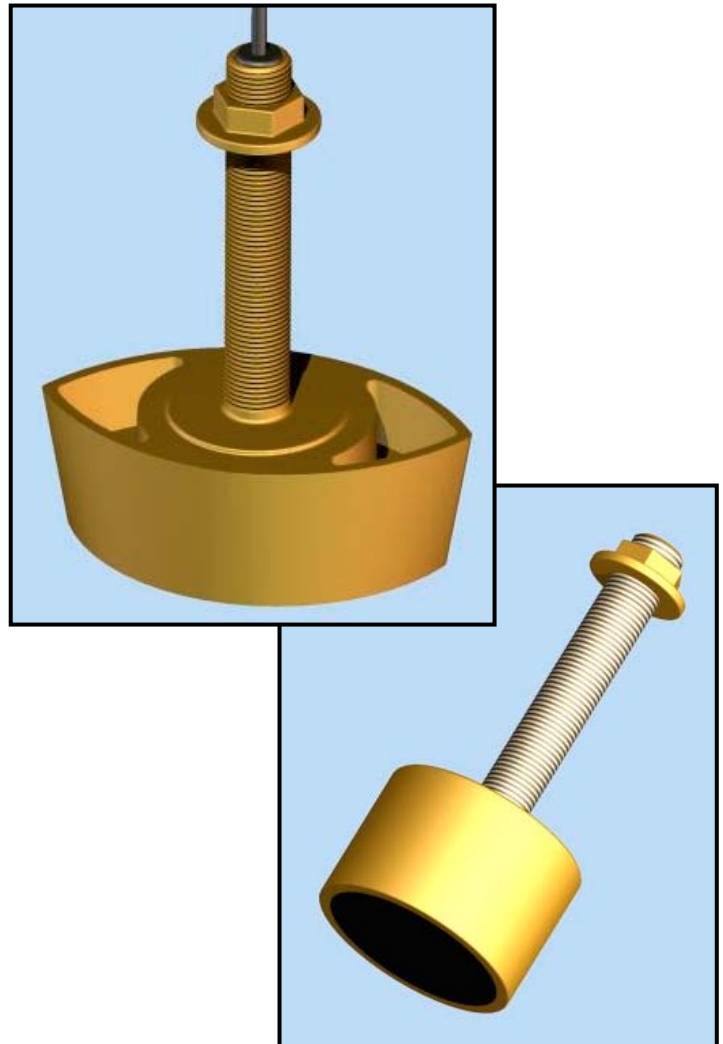
- Temperature sensor
- Fairing block, FB550
- Custom element configurations
- Impedance matching

Applications:

- Fiberglass or wood hulls only.

Specifications:

- Housing and nut material: Cast Bronze.
- Threads: .84- 1/2" N.P.S.
- Standard cable length: 30 feet.
- Weight: 7 lbs.

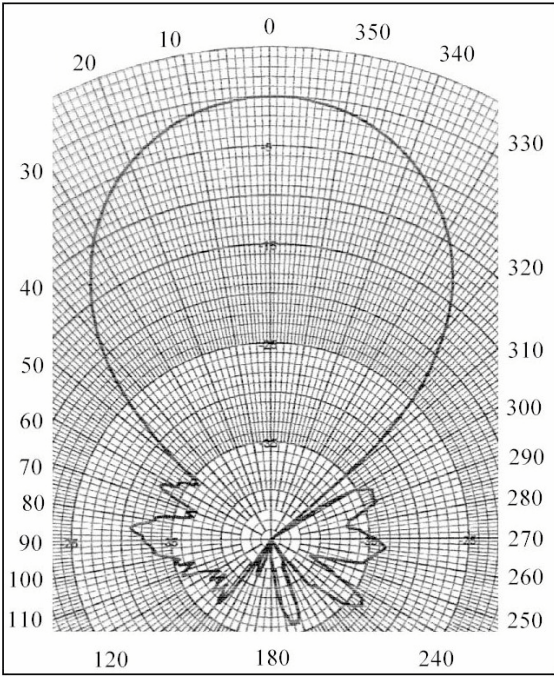


Performance Data

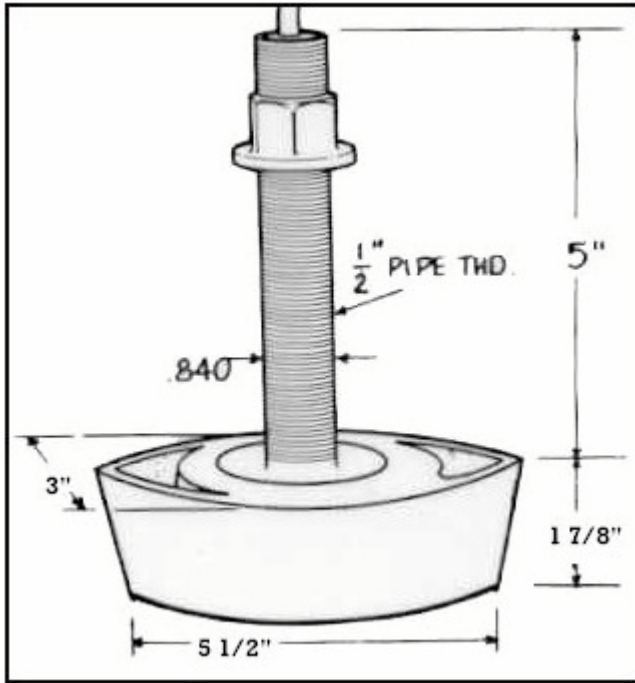
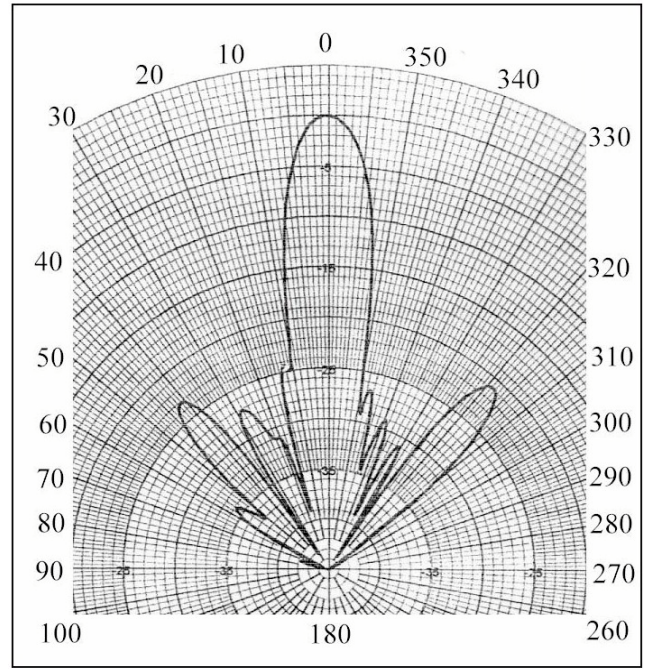
FREQUENCY (kHz)	BEAM WIDTH (degrees @ -3db)	ELEMENT SIZE (inches)	CAPACITANCE (pf)	IMPEDANCE (ohms)	TRANSMIT RESPONSE (db)	RECEIVE RESPONSE (-db)	POWER RATING, RMS (watts)	COMMENT
			NOTE (1)	NOTE (2)	NOTE (3)	NOTE (4)		
200	7	2.5	3700	200	167	-183	1000	
50	36	2.3	8500	180	165	-180	600	

(1) with standard length cable. (2) equivalent series R in water. (3) the source level generated by one watt input. (4) the open circuit RMS voltage generated by a pressure of one microbar.

50Khz Mode – 2.3” Diameter Elements



200Khz Mode – 2.5” Diameter Elements



Model 550 – Dimensional Data Not to Scale