

New • TRANSOM MOUNT • Depth • Speed • Temperature

P66 with Noise Suppression System *Features Airmar's patented Noise Suppression System*

50 kHz, 120 kHz, 200 kHz, 235 kHz,
50/200 kHz Dual Frequency

U.S. Patent No. 4,644,787
U.S. Patent No. 5,606,253
U.S. Patent No. 5,719,824

*Best performing transom mount
Streamlined rounded nose provides excellent echosounding at high boat speed
Unique bracket design allows transducer removal for storage and transport*

Specifications

- Hydrodynamic shape provides vertical sound beam orientation on hull deadrise angles up to 30°
- Reversible wedge allows mounting to transom angles from 2° to 22°
- Integral release bracket protects against impact damage, mounts with 3 screws, and provides 12 mm (1/2") of vertical adjustment
- Chemical and impact resistant plastic housing
- Designed to meet CE requirements
- Shielded piezoceramic element for noise free echosounder display
- Paddlewheel assembly easily removed for inspection, cleaning, and replacement
- Unitary bearings inside paddlewheel hub assure exact alignment and minimal rotational friction
- Standard cable length: 7.6 m (25')
- Weight: 0.5 kg (1.1 lb.)

Speed Sensor Specifications

- Linearity: Refer to *Airmar Technical Data Catalog*
- Standard pulse rate: 26,000 pulses per nautical mile (7.25 Hz per knot)

Options

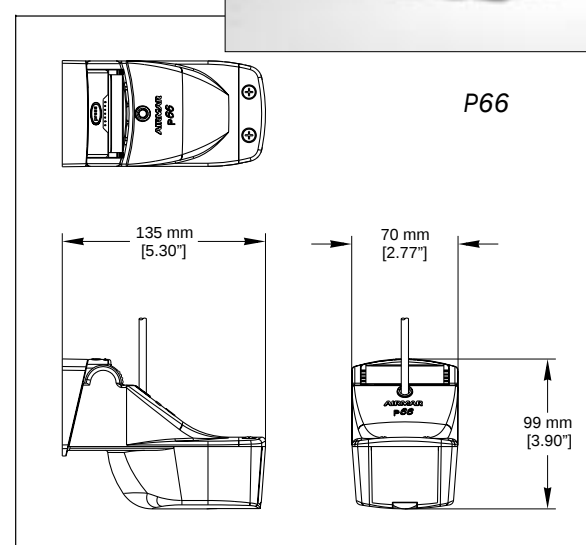
- Speed and/or temperature sensor
- Waterproof molded connector

Applications

- Small, general purpose echosounders/fishfinders
- Outboard, inboard/outboard or jet boats
- Fiberglass, aluminum, wood or inflatable hulls

Accessories and Replacement Parts

- Paddlewheel kit# 33-346-01
- Bracket kit# 20-275-01



PERFORMANCE DATA						
Frequency ¹ – Airmar Piezoceramic Designator ²	50 kHz – C	120 kHz – C	200 kHz – G	235kHz – D	50/200 kHz – A	
Element Material ³ /Diameter (mm)	PZT/L/51	PZT/51	BT/51	BT / 51	PZT/ 44	
Beam Width at –3 dB	44°	13°	8°	7°	45°	11°
Q (fr/Δ f @ –3 dB) ⁴	15	16	34	16	24	30
Rated RMS Power (W)	600	600	600	600	600	600
Voltage Responses: Transmit/Receive ⁵ (dB)	156/–176	165/–176	167/–183	169/–185	153/–173	164/–182
Figure of Merit (Insertion Loss) ⁶ (dB)	–26	–18	–17	–16	–33	–20
Unbalanced Impedance ⁷ : Resistance, Rp (ohm) Capacitance, Cp (pF)	300	1,910	320	370	250	350
	4,970	1,910	2,710	2,440	3,870	1,900
Series Impedance [R – jX] ⁸ (ohm)	250 – j120	190 – j50	150 – j160	130 – j180	230 – j70	210 – j170
Acoustic Window Material	LPU ¹³	LPU ¹³	LPU ¹³	LPU ¹³	LPU ¹³	

Note: See page m 1 for footnotes.

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