

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

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

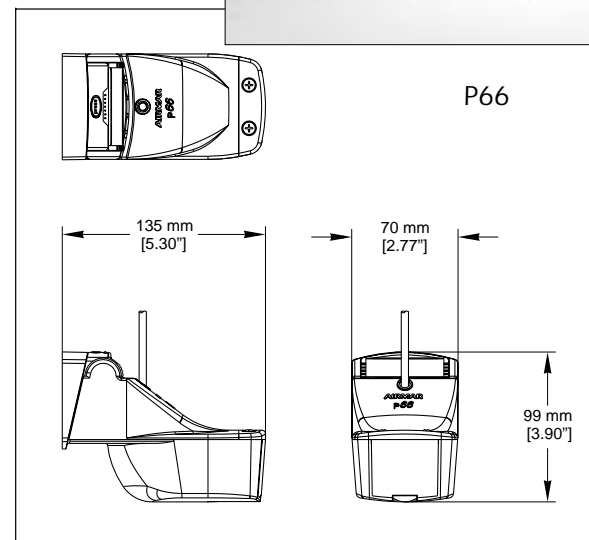
Applications

- 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

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



| 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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