

SINGLE BAND CHIRP

Single Band, Chirp-Ready Transducers

Award Winning Technology Compatible with Single Channel Chirp Sounders

These transducers are offered as thru-hull, in-hull and transom-mount installation options, and are available in many different frequency ranges to accommodate the various displays available to recreational fishermen. Acoustically, the internal design of the transducers is the same but many different mounting options are available.

The ideal solution for sounder systems ranging from 300 W to 1kW, these transducers offer medium frequency bands of 95-155 kHz, 80-130 kHz, or 85-135 kHz as well as the popular, high frequency wide beam transducer with 150-250 kHz.

AIRMAR first launched the revolutionary Chirp-ready broadband transducer product line with several dual-band offerings in August 2011. We have been adding innovative options to it ever since.



AIRMAR®, DEFINING CHIRP TECHNOLOGY.

AIRMAR® TECHNOLOGY CORPORATION

Single Band Chirp Transducer Comparison



Transom-Mount
TM150M
300 W

- Medium Frequency: 95-155 kHz
- 26° to 17° Beamwidth
- Maximum Depth: 600′
- Also available in thru-hull (B150M) and in-hull (P155M) installations

- Depth & temp.
- Boat size: Up to 8 m (25′)
- Includes Transducer ID®



Transom-Mount
TM185M
1 kW

- Medium Frequency: 85-135 kHz
- 16° to 11° Beamwidth
- Maximum Depth: 1500′
- Also available in thru-hull (B285M) and in-hull (M135M) installations

TM185HW
Wide Beam
1 kW

- High Frequency: 150-250 kHz
- 25° Constant Beamwidth
- Maximum Depth: 500′
- Also available in thru-hull (B285HW) and in-hull (M285HW) installations

- Depth & temp.
- Boat size: Up to 8 m (25′)
- Includes Transducer ID®



Low profile, Thru-Hull
B150M
300 W

- Medium Frequency: 95-155 kHz
- 26° to 17° Beamwidth
- Maximum Depth: 600′
- Also available in transom-mount (TM150M) and in-hull (P155M) installations

- Depth & temp.
- Boat size: Up to 8 m (25′)
- Includes Transducer ID®



Low profile, Thru-Hull
B75L
300 W

- Low Freq.: 40-75 kHz
- Available in 0° or 12° tilted versions only
- 32° to 21° Beamwidth
- Maximum Depth:1200′

B75M
600 W

- Med Freq.: 80-130 kHz
- 24° to 16° Beamwidth
- Maximum Depth: 900'
- Also available in a in-hull (P75M) installation

B75H
600 W

- High Freq.: 130-210 kHz
- 15° to 9° Beamwidth
- Maximum Depth: 700′

- Depth & temp.
- Boat size: Up to 8 m (25′)
- Includes Transducer ID®



Low profile, Thru-Hull
B175L
1 kW

- Low Freq.: 40-60 kHz
- 32° to 21° Beamwidth
- Maximum Depth:2500'

B175M

- Medium Freq.: 85-135 kHz
- 16° to 11° Beamwidth
- Maximum Depth:1500'
- Also available in transom-mount (TM185M), and thru-hull (B285M, M135M) installations

B175H

- High Freq.: 130-210 kHz
- 10° to 6° Beamwidth
- Maximum Depth: 1000'

B175HW Wide Beam

- High Freq.: 150-250 kHz
- 25° Constant Beam
- Maximum Depth: 500′
- Also available in transom-mount (TM185HW), and thru-hull (B285HW, M285HW) installations

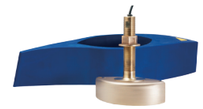
- Depth & temp.
- Boat Size: Up to 11 m (36′)
- Includes Transducer ID®



Thru-Hull with Performance Fairing
B785M
600 W

- Medium Frequency: 80-130 kHz
- 24° to 16° Beamwidth
- Maximum Depth: 900'
- Also available in a low-profile, thru-hull (B75M) installation

- Depth & temp.
- Boat size: Up to 9 m (30′)
- Includes Transducer ID®



Thru-Hull with Performance Fairing
B285M
1 kW

- Medium Frequency: 85-135 kHz
- 16 to 11° Beamwidth
- Maximum Depth: 1500'
- Also available in transom-mount (TM185M), thru-hull (B175M), and in-hull (M135M) installations

B285HW
Wide Beam
1 kW

- High Frequency: 150-250 kHz
- 25° Constant Beam
- Maximum Depth: 500′
- Also available in transom-mount (TM185HW), thru-hull (B175HW), and in-hull (M285HW) installations

- Depth & temp.
- Boat size: Up to 9 m (30′)
- Includes Transducer ID®



In-Hull with Mounting Base
P95M
300 W

- Medium Frequency: 95-155 kHz
- 26° to 17° beamwidth
- Maximum Depth: 600′
- Also available in thru-hull (B150M), in-hull (P155M) and transom-mount (TM150M) installations

P75M
600 W

- Medium Frequency: 80-130 kHz
- 24° to 16° Beamwidth
- Maximum Depth: 900′
- Also available as thru-hull (B785M) and a low profile (B75M) installations

- Depth only
- Boat size: Up to 8 m (25′)
- Includes Transducer ID®



In-Hull with Mounting Base
M135M
1 kW

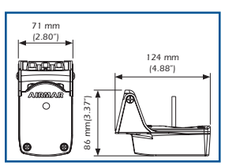
- Medium Frequency: 85-135 kHz
- 16° to 11° beamwidth
- Maximum Depth:1500′
- Also available in transom-mount (TM185M), and thru-hull (B175M, B285M) installations

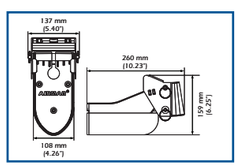
M285HW
Wide Beam
1 kW

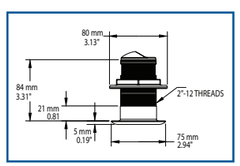
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- 25° Constant Beam
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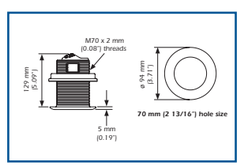
- Depth only
- Boat size: Up to 11 m (36′)
- Includes Transducer ID®

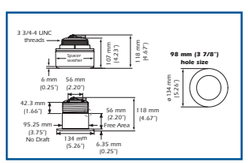
Fixed 20° tilted version for 16° to 24° hull deadrise
Fixed 12° tilted version for 8° to 15° hull deadrise
Fixed 0° tilted version for 0° to 7° hull deadrise

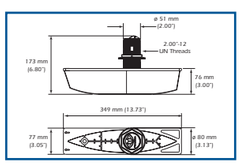


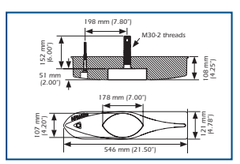


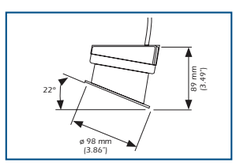


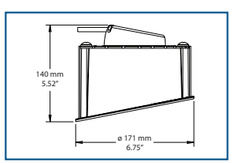






























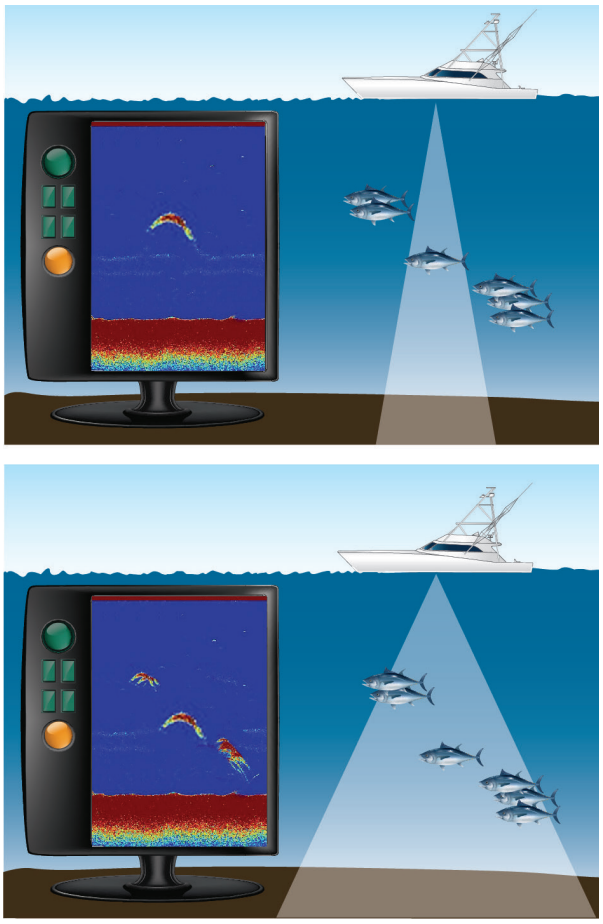


As Chirp technology remains at the forefront of echo sounder development, Airmar continues to add transducers for every installation type. **When performance matters most, we've got you covered.**

The Benefits of Airmar's Chirp-Ready Transducers

- One broadband transducer covers up to 117 kHz of bandwidth – greater opportunities to detect fish in the water column
- Superior resolution – precise separation between baitfish and gamefish represented on the display with crisp images
- Enhanced bottom fishing – resolve targets close to the bottom or near structure/wrecks
- Amazing detail – recognize haloclines and thermoclines
- Improved signal to noise ratio – find fish and track bottom at high boat speeds

The fish must be in the beam to be represented on the display.



ISO CERTIFIED

Xducer ID CHIRP

broadband

www.airmar.com

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SingleBand_Brochure_rH 9/15/17

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