		TRANSOM MOUNT	TILTED ELEMENT	IN-HULL	THRU-HULL WITH FAIRING	POCKET MOUNT
	Flats boat to 20 feet	●	●	●		●
	Bay boat, single or dual outboard	●	●	●		●
	Center console boat to 30 feet, outboard *Stepped hulls use Tilted Element or In-Hull transducers only	●	●	●		●
	Sport fishing boat, 30-45 feet, inboard power		● 36 feet (11 meters) maximum	●	●	●
	Sport fishing boat, 45 feet+, inboard power			●	●	●

HELPFUL TIPS FOR TRANSDUCER PERFORMANCE

- Transducers need non-aerated water with the least turbulence to work best. Before install, make sure there are no strakes, water intakes or bow thrusters in front of the transducer location.
- In-hull models cannot be used on cored fiberglass or wood-hulled boats – solid fiberglass-only (ideally, under 1 inch thick).
- Stepped hull boats must have the transducer installed in front of the first step.
- Hulls over 35 feet will need a thru-hull transducer with a fairing block to get the face of the transducer past the boundary layer (aerated water) produced by the hull.
- Transom mount transducers can be adjusted up and down to find the best performance level.
- Transom mount models are not recommended for inboard powered boats.
- For Tilted Element models, match the hull deadrise to the closest Tilted Element option.
- Stainless steel models are OK for use on all hull materials and required for metal hulls.

For the best installation, use an AIRMAR Certified Installer. Visit AIRMAR.com for an installer near you.

HUMMINBIRD®

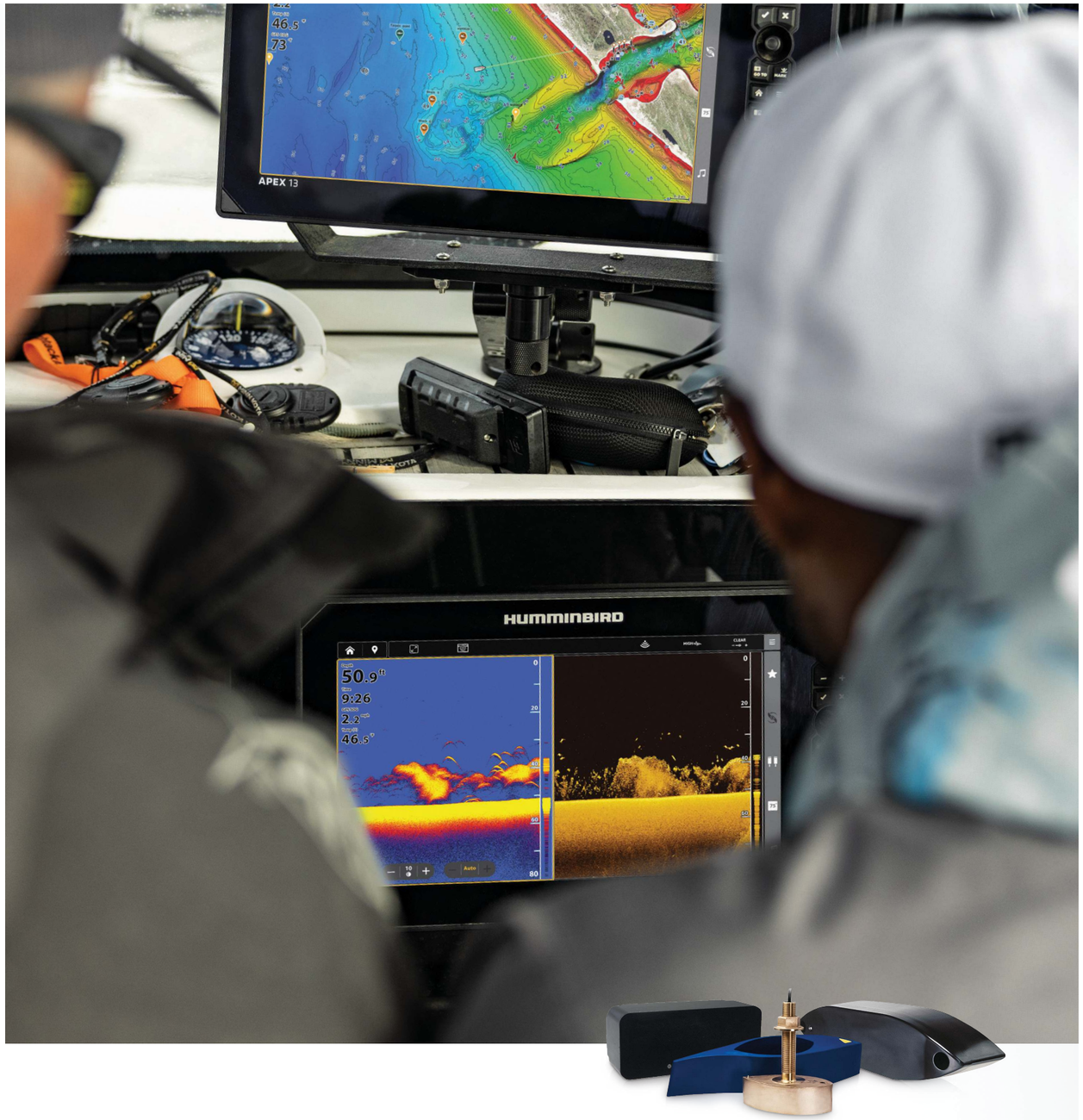
www.humminbird.com

AIRMAR® TECHNOLOGY CORPORATION

www.airmar.com

AIRMAR® CERTIFIED INSTALLER

AIRMAR_HUMMINBIRD SELECTOR_A 3/12/25



HUMMINBIRD & AIRMAR: TRANSDUCER SELECTION GUIDE

HUMMINBIRD®

AIRMAR® TECHNOLOGY CORPORATION

Single-Frequency CHIRP

THRU-HULL

	Name	Material	Power	L/M/H/HW	Frequency	Tilt	HELIX SERIES Part #, Bronze	HELIX SERIES Part #, Stainless	XPLORE / SOLIX / APEX SERIES Part #, Bronze	XPLORE / SOLIX / APEX SERIES Part #, Stainless
CHIRP	B75/ SS75	Bronze or Stainless	300W	Low	40-75KHz	0 12	B75C-0-L-HB B75C-12-L-HB		B75C-0-L-14HB B75C-12-L-14HB	
			600W	Medium	80-130kHz	0 12 20	B75C-0-M-HB B75C-12-M-HB B75C-20-M-HB	SS75C-0-M-HB SS75C-12-M-HB SS75C-20-M-HB	B75C-0-M-14HB B75C-12-M-14HB B75C-20-M-14HB	SS75C-0-M-14HB SS75C-12-M-14HB SS75C-20-M-14HB
				High	130-210kHz	0 12 20	B75C-0-H-HB B75C-12-H-HB B75C-20-H-HB	SS75C-0-H-HB SS75C-12-H-HB SS75C-20-H-HB	B75C-0-H-14HB B75C-12-H-14HB B75C-20-H-14HB	SS75C-0-H-14HB SS75C-12-H-14HB SS75C-20-H-14HB
	B75HW	Bronze	600W	High Wide	150-250kHz	0 12 20	B75C-0-HW-HB B75C-12-HW-HB B75C-20-HW-HB		B75C-0-HW-14HB B75C-12-HW-14HB B75C-20-HW-14HB	
	B175/ SS175	Bronze or Stainless	1kW	Low	40-60KHz	0 12 20	B175C-0-L-HB B175C-12-L-HB B175C-20-L-HB	SS175C-0-L-HB SS175C-12-L-HB SS175C-20-L-HB	B175C-0-L-14HB B175C-12-L-14HB B175C-20-L-14HB	SS175C-0-L-14HB SS175C-12-L-14HB SS175C-20-L-14HB
				Medium	85-135kHZ	0 12 20	B175C-0-M-HB B175C-12-M-HB B175C-20-M-HB	SS175C-0-M-HB SS175C-12-M-HB SS175C-20-M-HB	B175C-0-M-14HB B175C-12-M-14HB B175C-20-M-14HB	SS175C-0-M-14HB SS175C-12-M-14HB SS175C-20-M-14HB
				High	130-210kHz	0 12 20	B175C-0-H-HB B175C-12-H-HB B175C-20-H-HB	SS175C-0-H-HB SS175C-12-H-HB SS175C-20-H-HB	B175C-0-H-14HB B175C-12-H-14HB B175C-20-H-14HB	SS175C-0-H-14HB SS175C-12-H-14HB SS175C-20-H-14HB
				High Wide	150-250kHz	0 12 20	B175C-0-HW-HB B175C-12-HW-HB B175C-20-HW-HB	SS175C-0-HW-HB SS175C-12-HW-HB SS175C-20-HW-HB	B175C-0-HW-14HB B175C-12-HW-14HB B175C-20-HW-14HB	
	B175MW	Bronze	1kW	Medium Ultra-Wide	60-100kHz	0 12 20	B175C-0-MW-HB B175C-12-MW-HB B175C-20-MW-HB		B175C-0-MW-14HB B175C-12-MW-14HB B175C-20-MW-14HB	
	B285	Bronze	1kW	Medium	85-135kHz	Fairing Block	B285C-M-HB		B285C-M-14HB	
				High Wide	150-250kHz	Fairing Block	B285C-HW-HB		B285C-HW-14HB	
	B785	Bronze	600W	Medium	80-130kHz	Fairing Block	B785C-M-HB		B785C-M-14HB	

TRANSOM MOUNT: Plastic Housings with Adjustable Brackets

	Name	Material	Power	L/M/H/HW	Frequency	Tilt	Part #	Part #
CHIRP	TM150	Plastic	300W	Medium	95-155kHz	Adj. Bracket	TM150C-M2-HB	
	TM165	Plastic	600W	High Wide	150-250kHz	Adj. Bracket	TM165C-HW-HB	TM165C-HW-14HB
	TM185	Plastic	1kW	Medium	85-135kHz	Adj. Bracket	TM185C-M-HB	TM185C-M-14HB
				High Wide	150-250kHz	Adj. Bracket	TM185C-HW-HB	TM185C-HW-14HB
	TM185MW	Plastic	1kW	Medium Ultra-Wide	60-100kHz	Adj. Bracket	TM185C-MW-HB	TM185C-MW-14HB

IN-HULL: Adjustable Plastic Housings*

	Name	Material	Power	L/M/H/HW	Frequency	Tilt	Part #	Part #
CHIRP	P95	Plastic	300W	Medium	95-155kHz	Adj. to 22°	P95C-HB	P95C-14HB
	P75	Plastic	600W	Medium	80-130kHz	Adj. to 22°	P75C-M-HB	P75C-M-14HB
	M135	Plastic	1kW	Medium	85-135kHz	Adj. to 22°	M135C-M-HB	M135C-M-14HB
	M285	Plastic	1kW	High Wide	150-250kHz	Adj. to 22°	M285C-HW-HB	M285C-HW-14HB

*IN-HULL designs are not recommended for use on metallic (aluminum/steel) hulls.

Cable Guide

	HELIX Series	XPLORE / SOLIX / APEX Series
Part number for HELIX models includes the AIRMAR transducer with a common connector plus the appropriate adapter cable. Consult with your installer for cables needed. TM150 has a dedicated HELIX plug.		 Med/High or Low
Part numbers include the AIRMAR transducer with either HB0241-1 for medium/high frequency transducer models or HB0241-2 for low frequency transducer models. When connecting two single-frequency transducers, use appropriate frequency connector cables to interface with the XPLORE, APEX or SOLIX Gen 3 units. XPLORE, APEX and SOLIX Gen 3 units will also be able to read AIRMAR XiD information.		 Med/High or Low

Dual-Frequency CHIRP

THRU-HULL

	Name	Material	Power	L/M/H/HW	Frequency	Fairing	APEX SERIES Part #
CHIRP	B265	Bronze	1kW	Low, Medium	42-65kHz 85-135kHz	Up to 20°	B265C-LM
				Low, High	42-65kHz 130-210kHz	Up to 20°	B265C-LH
	B275	Bronze	1kW	Low, High Wide	42-65kHz 150-250kHz	Up to 20°	B275C-LHW

TRANSOM MOUNT: Urethane Housings with Adjustable Brackets

	Name	Material	Power	L/M/H/HW	Frequency	Tilt	Part #
CHIRP	TM265	Plastic	1kW	Low, Medium	42-65kHz 85-135kHz	Adj. Bracket	TM265C-LM
				Low, High	42-65kHz 130-210kHz	Adj. Bracket	TM265C-LH
	TM275	Plastic	1kW	Low, High Wide	42-65kHz 150-250kHz	Adj. Bracket	TM275C-LHW

IN-HULL: Adjustable Plastic Housings*

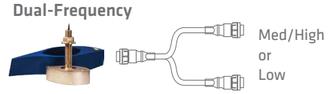
	Name	Material	Power	L/M/H/HW	Frequency	Tilt	Part #
CHIRP	M265**	Plastic	1kW	Low, High	42-65kHz 130-210kHz	Adj. to 30°	M265C-LH-21HB
	R111**	Urethane	2kW	Low, Medium	38-75kHz 80-130kHZ	Adj. to 22°	R111C-LM-21HB
				Low, High	38-75kHz 130-210kH	Adj. to 22°	R111C-LH-21HB
	R599**	Plastic	2-3kW	Low, Medium	28-60kHz 80-130kHz	Adj. to 22°	R599C-LM-21HB
				Low, High	28-60kHz 130-210kHz	Adj. to 22°	R599C-LH-21HB

Dual-frequency part numbers include the AIRMAR transducer with factory connector and Y-cable part ACC-YCBL-HB024141-1 to connect to the APEX.

*IN-HULL designs are not recommended for use on metallic (aluminum/steel) hulls.

**All 2 and 3kW transducers are bare wire connections and will require ACC-JB-HB-1 to wire into the APEX unit.

Dual-Frequency



AIRMAR Part Number: ACC-YCBL-HB024141-1

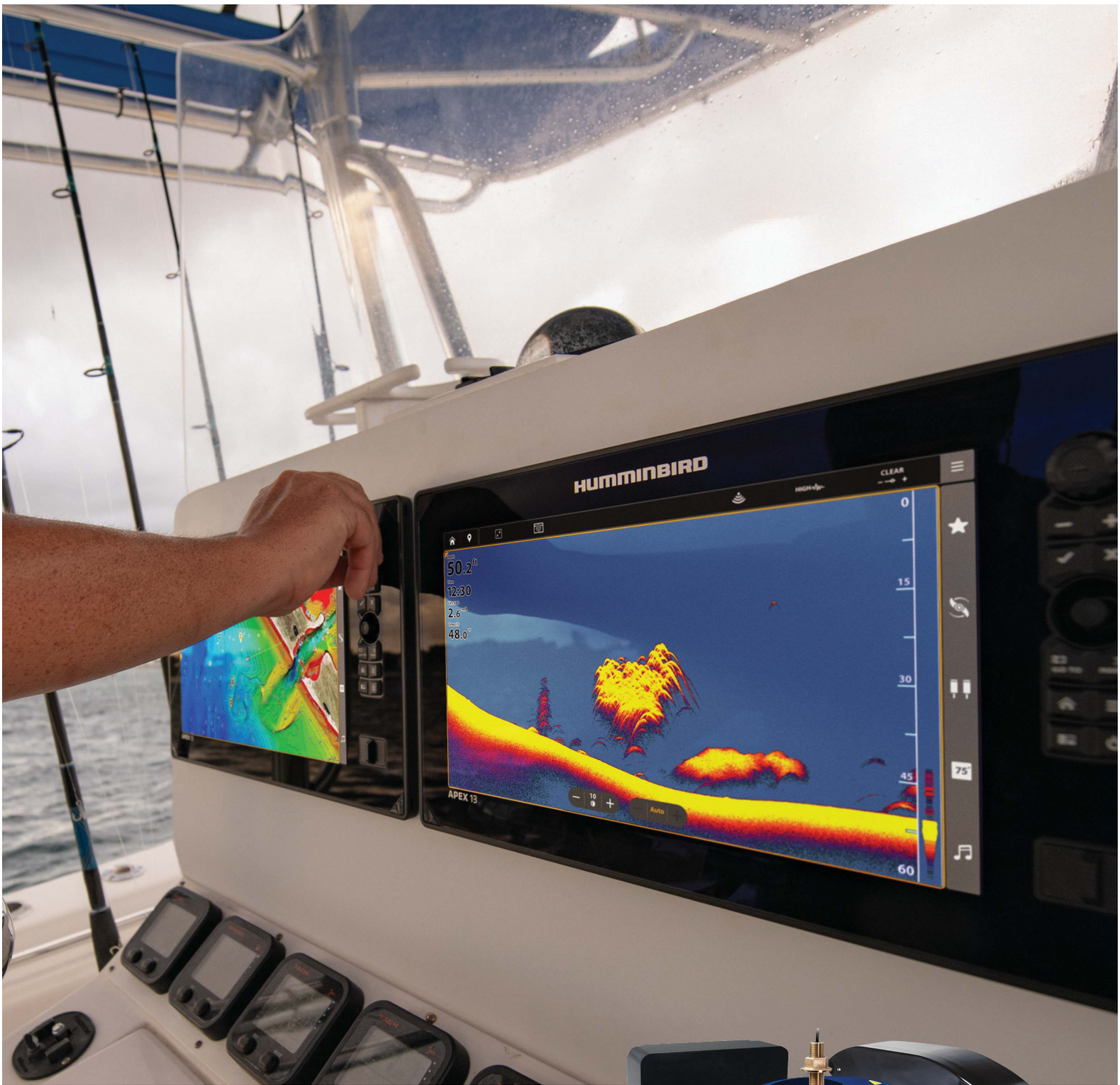
CHOOSING THE RIGHT TRANSDUCER

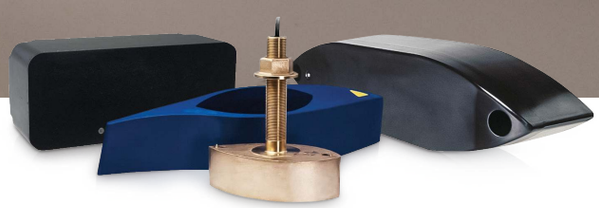
Power: The first question you should answer is, "How deep will I be doing most of my fishing?" For inshore angling out to 500 feet, a 600W model will do the job. Anything over that depth will be best handled by a 1kW or higher. Keep in mind the objective is to get the most amount of energy on the targets you are after, not necessarily just the bottom.

BEAMWIDTH / FREQUENCY:

L/M/H/HW	Fishing Depth***	Advantage	Disadvantage
High Wide	Up to 500'	Wide beam with 25° coverage. Excellent target separation. Good choice for most pelagics.	Limited to shallower depths.
High	Up to 1000'	Narrow beam focuses maximum energy on targets. Excellent target separation from structure.	Narrow beam doesn't provide much coverage under the boat.
Medium	Up to 2000'	Good balance of coverage and target separation.	Less target separation than high and high wide.
Medium Ultra-Wide	Up to 2500'	Ultra-wide 57°-73° beam provides massive coverage under the boat and at deeper depths than high wide.	Less target separation on smaller targets and bottom detail.
Low	Up to 2500'	Wide coverage under the boat and greater depth performance.	Less resolution at depths. Structure may get smoothed versus detailed due to wide beam.

***Fishing with 1kW. Actual performance depths will be deeper, these depths are practical fishing depths.





HUMMINBIRD & AIRMAR: TRANSDUCER SELECTION GUIDE

HUMMINBIRD®

AIRMAR® TECHNOLOGY CORPORATION

HUMMINBIRD & AIRMAR: TRANSDUCER SELECTION GUIDE

HUMMINBIRD®

AIRMAR® TECHNOLOGY CORPORATION