

CASTABLE SONARS 2025

BRAND MODEL	 Deeper Start	 Deeper CHIRP+ 2	 Deeper CHIRP+ 3	 Deeper CHIRP+ 4
OTHER INFO				
Warranty	2 year warranty	5 year warranty	5 year warranty	5 year warranty
MAIN FEATURES				
Connectivity	Wifi	Wifi	Wifi	Wifi
Casting distance	50 m / 165 ft	120 m / 394 ft	120 m / 394 ft	120 m / 394 ft
Min depth	0.5 m / 1.6 ft	0.15 m / 6 in	0.15 m / 6 in	0.15 m / 6 in
Max depth	50 m / 165 ft	100 m / 330 ft	100 m / 330 ft	100 m / 330 ft
Weight	65 g / 2.3 oz	92 g / 3.2 oz	94 g / 3.3 oz	94 g / 3.3 oz
Sampling cone / angle	Single beam 40° @ 120 kHz	Triple beam 7° @ 675 kHz CHIRP 20° @ 240 kHz CHIRP 47° @ 100 kHz CHIRP	Triple beam 7° @ 675 kHz CHIRP 20° @ 240 kHz CHIRP 47° @ 100 kHz CHIRP	Triple beam 7° @ 675 kHz CHIRP 20° @ 240 kHz CHIRP 47° @ 100 kHz CHIRP
Target separation	5 cm / 2 in	1 cm / 0.4 in (narrow beam)	1 cm / 0.4 in (narrow beam)	1 cm / 0.4 in (narrow beam)
Temperature range	0 to 40 °C / 32 °F to 104 °F	-20 to 40 °C / -4 °F to 104 °F	-20 to 40 °C / -4 °F to 104 °F	-20 to 40 °C / -4 °F to 104 °F
GPS	NO	YES	YES	YES
Scanning rate	up to 10/s	up to 15/s	up to 15/s	up to 15/s
Working time	up to 6 hours	GPS on up to 11 hours / GPS OFF up to 15 hours	GPS on up to 11 hours / GPS OFF up to 15 hours	GPS on up to 11 hours / GPS OFF up to 15 hours
Charging time	2.5 hours	110 min	110 min	110 min
Sonar technology	Standard 2D sonar technology	CHIRP	CHIRP	CHIRP
Sonar mode	Raw / Basic	Raw / Basic	Raw / Basic	Raw / Basic
Distance measuring (from sonar to smartphone)	NO	YES	YES	YES
AI-powered fish detection	NO	NO	NO	YES
Weeds mapping	NO	NO	NO	YES
PACKAGE CONTENT				
	START sonar Swivel USB cable Documentation	CHIRP+ 2 sonar Mounting screws USB cable Neoprene pouch Documentation Night cover	CHIRP+ 3 sonar Mounting screws USB cable Neoprene pouch Documentation Night cover	CHIRP+ 4 sonar Mounting screws USB cable Sonar hard case Documentation Night cover
FEATURES				
Can be used for ice fishing	NO	YES	YES	YES
Can create bathymetric maps with boat	NO	YES	YES	YES
Can create bathymetric maps from shore	NO	YES	YES	YES
Free bathymetric maps (community maps)	YES (for 1 month)	YES (for 1 month)	YES (for 1 month)	YES (for 1 month)
Can be mounted on a boat or kayak	NO	YES	YES	YES
Can be mounted on a bait boat (RC boat)	NO	YES	YES	YES
Fish ID (marks fishes with fish icons)	YES	YES	YES	YES
Weed ID (shows weed with green color)	YES	YES	YES	YES
Water temperature sensor	NO	YES	YES	YES
Mark points of interest on the map	YES	YES	YES	YES
Night fishing mode (blinking light on the sonar)	YES	YES	YES	YES
A-scope (Vertical flasher)	NO	YES	YES	YES
Different sonar screen color palettes	YES	YES	YES	YES
ADVANCED FEATURES				
Option to export raw bathymetric data (coordinates, depth, timestamp)	NO	YES	YES	YES
NMEA0183 data streaming over UDP	NO	YES	YES	YES

deeper

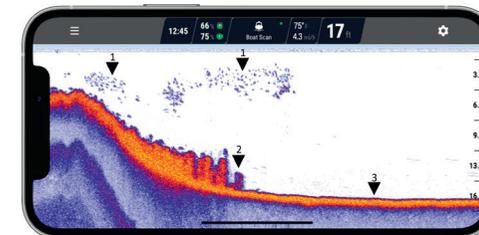
start

1. Arches and odd-shaped lines show individual fish.
2. Spotted and thick arches show schools of fish.
3. Green colour indicates vegetation or a soft bottom.



chirp+ 2

1. Loosely packed school of fish.
2. Shapes like this emerging from the bottom normally indicate vegetation.
3. Colours indicate how hard the sound return was. Blue – weak, red – medium, yellow – hard. The bright yellow line tells us the bottom is hard.

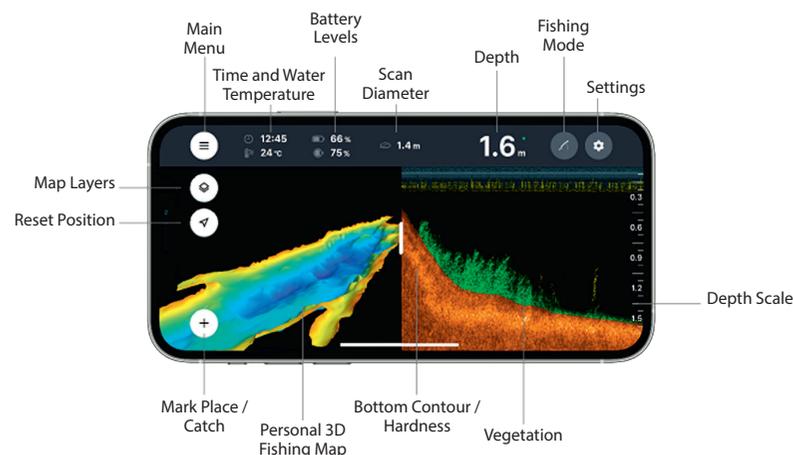


pro+ 2

1. Densely packed school of fish.
2. Individual fish shown as a slightly curved line/arch.
3. Green colours show vegetation.
4. A very bright bottom line colour indicates a hard bottom.



chirp+ 3



Q&A

Can you use Deeper sonar in the salty water (sea, ocean)?

Yes, it can be used in salty water.

Do you need any kind of cell connection or internet on the phone to use the Deeper?

No, you don't need any cell connection or internet connection to use the Deeper. Even if your smartphone has no SIM card, it will still work with the Deeper.

I've heard that sometimes Deeper's have issues with connection range. Is it true?

Connection issues happen because of improper phone settings or if the device is not used according to the manual. There are extensive manuals on how to properly adjust the smartphone settings and improve the connection, which can be found on <https://deeper.com/support>

What rod and line should I use to cast the Deeper?

We recommend rods with at least 80-90g casting weight (feeder, spod rods are great for that). As for the line, at least 16lbs (7kg) braid line should be used. The stronger – the better.

What do I do if I've lost my Deeper, or if it was stolen?

It might be possible to track the sonar. Contact Deeper at support@deeper.eu for help.

Does Deeper offer repair services after the warranty has ended (battery replacement, electronic repairs)?

Yes, Deeper offers such services all across the EU, USA, Canada and other countries.

Contact support@deeper.eu for help.