



# deeper

## SAFE USAGE AND REGULATIONS IMPORTANT INFORMATION!

## PRÉCAUTIONS D'EMPLOI ET RÉGLEMENTATION INFORMATIONS IMPORTANTES!

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### GENERAL USAGE

Deeper is a sonar-based device which purpose is to locate fish. It is not a stand-alone device and requires a smartphone, tablet or other compatible device in order to be used. The following safety and usage rules must be followed:

ALWAYS use a sufficiently strong fishing line and pole when casting the gadget. ALWAYS ensure the main seal is in good condition and the gadget is closed properly before immersing the gadget into water. DO NOT use the device in any other way than its intended usage as described in the instruction manual. DO NOT attempt to disassemble, modify or carry out any servicing of the gadget or its accessories, other than the simple maintenance procedures as described for its intended use. DO NOT abuse, step on, kick, puncture, drop or throw the gadget; with the exception of when it is being dropped or thrown into sufficiently deep water. DO NOT expose the gadget to a mechanical load, vibrations or shock that may exceed those occurring during normal intended use. DO NOT use the gadget if there is any significant physical damage evident, if the main seal is worn or if it does not close properly, resulting in water-tightness being compromised. DO NOT use the gadget if there are any rattling or water flowing sounds emitting from within it when shaken. DO NOT submerge the gadget underwater. DO NOT cast the gadget in any areas where it may result in injury to other people, or damage to property or to the gadget itself, especially indoors. DO NOT rely on the depth readings for avoiding becoming grounded when navigating a boat. DO NOT rely on the Map feature of the application for avoiding collision when navigating a boat or for getting directions when driving a car.

ALWAYS keep the Deeper product and its parts and accessories, including packaging, out of children's reach. DO NOT let children use or play with the device. Only properly qualified and trained personnel at Deeper, UAB may perform repair and service procedures. Do not attempt to disassemble, repair or alter the equipment yourself. The high-voltage circuitry in the equipment poses a significant electrical hazard.

### BATTERY INFORMATION

This gadget contains a Li-Ion battery, which can be charged and discharged for up to 300 cycles, depending on the conditions in which the gadget is used. In order to increase the battery life, do not expose it to extreme temperatures. At freezing temperatures, the capacity of the battery is significantly limited. Even when you do not use your Deeper for prolonged periods of time, recharge it every 6 months. Eventually, the battery will wear out and will need replacing, a procedure which can be carried out by returning your Deeper for service (please refer to Warranty section). The battery can be dangerous if handled incorrectly, so the following safety rules must be followed:

DO NOT attempt to remove or replace the battery. DO NOT expose the gadget to temperatures outside the range of -20°C to 40°C / -4°F to 104°F. DO NOT leave the gadget in the interior of a parked car in hot weather. DO NOT leave the gadget exposed to direct sunlight for prolonged periods of time when not immersed in water. DO NOT dispose the battery in a fire. DO NOT use the gadget if there is any non-water leakage or fumes emitting from it. In this situation, be careful to ensure any leakage does not make contact with your skin or eyes. If this happens, wash the contact area thoroughly with cold water and consult with your doctor.

### CHARGING

Do not leave the fully charged battery connected to the charger for prolonged periods of time, as this may reduce the lifetime of the battery. The manufacturer cannot be held responsible in any event when a third-party charger is misused.

DO NOT leave the device charging unattended.

DO NOT cover the charger or the device during the charging procedure as overheating may occur.

DO NOT use the charger if there is any significant physical damage evident.

DO NOT use the charger if there is any smoke or suspicious smell emitting from it. If this occurs during charging, immediately but carefully disconnect the charger both from the mains and from the device.

ALWAYS inspect the charger for damage before use. ALWAYS ensure the gadget is dry, and that there is no water on the USB connector or trapped inside before charging it.

Ensure that the charger complies with Clause 2.5 in IEC60950-1 / EN60950-1 / UL60950-1 CSA/UL 62368-1 / IEC 62368-1 / EN 62368-1 and has been tested and approved according to national or local standards.

### INTENDED USE OF DEVICE

The fish finder (sonar) Deeper DP4H10S10 / DP4H20S10 is a sonar that works in conjunction with smartphones and tablets. The sonar works in depths from 0.15 m to 100 m and uses Wi-Fi wireless technology to send the sonar information to the smartphone or tablet. A fish finder is an instrument used to locate underwater objects by detecting reflected pulses of sound energy. Fish finders display measurements of reflected sound on a graphical display, allowing an operator to interpret information to locate fish, underwater objects, and the bottom of a body of water.

### PRODUCT OPERATING MODES:

**Inactive mode** – the default mode. In this mode, the gadget is not discoverable on Wi-Fi. When put in water it changes from Inactive to Standby mode. If you take the product out of water for 20 seconds, it will switch back to Inactive mode.

**Standby mode** – The gadget is in the water, but it is not connected to the smartphone or tablet. It can be discovered via Wi-Fi and connected to.

**Operating mode** – smartphone or tablet is connected to the gadget. The device is in the water and scans the bottom and underwater objects. If the mobile application disconnects from the gadget while it is in the water and in Operating mode, it will switch to Standby mode. If you take the device out of the water for more than 5 minutes, it will change to Inactive mode, even if the application is connected.

**Charging mode** – the product is plugged into a power socket, laptop, or PC through the USB cable. It can be discovered via Wi-Fi and connected to.

### WARRANTY INFORMATION

Thank you for purchasing Deeper, UAB product. We hope you will be happy using it. In the unlikely event that your product needs guarantee service, please contact your local dealer or an authorized service/support network member (ASN) or directly Deeper, UAB at support@deeper.eu. To avoid any unnecessary inconvenience on your part, we recommend that you read the documentation carefully before seeking guarantee service. Please find the full warranty document on deepersonar.com

### DECLARATION OF CONFORMITY

Deeper UAB declares under our sole responsibility that the product:

Name: Deeper CHIRP+2; Deeper CHIRP2

Product type: Wireless sonar

Product Model Number CHIRP+2: DP4H10S10

Product Model Number CHIRP2: DP4H20S10

Hereby, Deeper declares that the radio equipment type Deeper CHIRP+2/Deeper CHIRP2 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: [deepersonar.com/conformity](http://deepersonar.com/conformity)

### TECHNICAL SPECIFICATION

Material	ABS
Sonar Type	3 beam
Frequency (Beam cone)	100 kHz, 47°; 240 kHz, 20°; 675 kHz, 7°
Depth Range Max/Min	Max 330ft / 100 m, Min 0.5 ft / 0.15 m
Sonar Scan rate	15 scans per second
Operating Temperature	-20°C to 40°C/-4°F to 104°F
Internal Battery	Li-Ion, 3.7V Rechargeable, 1300mAh (typical)
Power Supply input (for charging battery)	5V DC, 1.5 A Max
Power Adapter (not included in the box, recommended)	Input AC 110V/240V. Output USB A, 5V 2A
Wireless Wi-Fi connection	802.11 b/g, 2.4GHz 1channel - 802.11 b max TX power +20dBm, sensitivity -89 dBm - 802.11 g max TX power +16dBm, sensitivity -76 dBm
Connection type	394ft/120m. Range depends on the OS and smartphone model.
Connection Range	Color
Color	Desert sand
GNSS (CHIRP+2)	GPS, GLONASS, Galileo, BeiDou, QZSS
Product size	2.55 in x 6.5 cm
Product weight	3.2 oz / 92 g
Country of origin	Made in Lithuania

### FCC REGULATION STATEMENT - USA

The Deeper device with following ID 21307-CP complies with FCC Part 15. Operation is subject to the following two conditions:

1) This device may not cause harmful interference, and  
2) This device must accept any interference received, including interference that may cause undesired operation.

The wireless module contained in this equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into a outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

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### IC REGULATION STATEMENT - CANADA

The Deeper device with following ID 21307-CP complies with Industry Canada license-exempt RSS standards.

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

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store is a service mark of Apple Inc. "Made for iPhone", and "Made for iPad" mean that an electronic accessory has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operations of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone or iPad may affect wireless performance.

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Wireless Wi-Fi connection

802.11 b/g, 2.4GHz 1channel

- 802.11 b max TX power +20dBm, sensitivity -89 dBm

- 802.11 g max TX power +16dBm, sensitivity -76 dBm

Connection type

394ft/120m. Range depends on the OS and smartphone model.

Connection Range

Color

GNSS (CHIRP+2)

Product size

Product weight

Country of origin

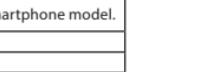
GPS, GLONASS, Galileo, BeiDou, QZSS

2.55 in x 6.5 cm

3.2 oz / 92 g

Made in Lithuania

상호: DeeperUAB  
기기 제조/판매 명: Deeper CHIRP+2  
용산기기: DP4H10S10  
대 사용 기: 2400MHz ~ 2435MHz  
제조 연월: 2021년 04월  
제조사/제작국: DeeperUAB / Lithuania  
별기부: R-DeeperDP4H10S10



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