FISH LOCK

COMPLETE CONTROL ON THE WATER

Use the full potential of Live technology and fish with confidence and joy.

FishLock advantages

Always visible beam direction – clearly seen both in bright sunlight and total darkness. No guessing – you know exactly where you're looking and what you're scanning.

Two automatic modes: Search (without gyro) and Track (with gyro) – find your target fish and keep it locked in the sonar beam even when the boat rotates or slowly moves.

Full control in your hands – set your preferred operating modes: choose scan direction, amplitude, speed, and make full use of the gyro function advantages.

Smart one-finger control – no wires, pedals, or mechanical levers. The rod-mounted remote lets you steer the transducer, stop movement, or make fine adjustments even while casting – just a light press of your finger. The pulse mode ensures precise turning and stopping right on the target fish as soon as it appears on the sonar screen.

See more, stay ahead – scan the bottom around your boat or in a chosen direction while moving at speeds up to 10 km/h. Discover what's beneath the water faster than others.

Quick and easy transducer lift – pull, twist, and lock with one hand. In just seconds, the transducer arm is raised and you're ready to move to the next spot, even at full speed.

Elegant design and robust mechanics – waterproof, durable, and visually refined. FishLock is easy to mount on any boat side and ready to perform in all conditions.

Package contents:

- Control unit
- Remote control
- Lift mechanism
- Mounting base for attaching the mechanism to the boat side
- Sonar transducer holder arm
- Sonar transducer adapter (compatible with Garmin LVS32 / LVS34)
- Manual control mechanism with handle
- Power cable (1.8 m)

Control unit with direction indicator and control buttons

Convenient, intuitive, and reliable – the control unit is UV-resistant and waterproof, designed to operate in all weather conditions.

A powerful servo motor ensures precise and smooth transducer rotation both in slow and fast movement modes, even under load while the boat is in motion.

The direction indicator accurately mirrors the transducer's movement and always shows the exact direction of the sonar beam.

During operation, the active scanning sector is illuminated in green, allowing you to clearly see the beam direction and scan width. The brightness level can be adjusted according to ambient light conditions.

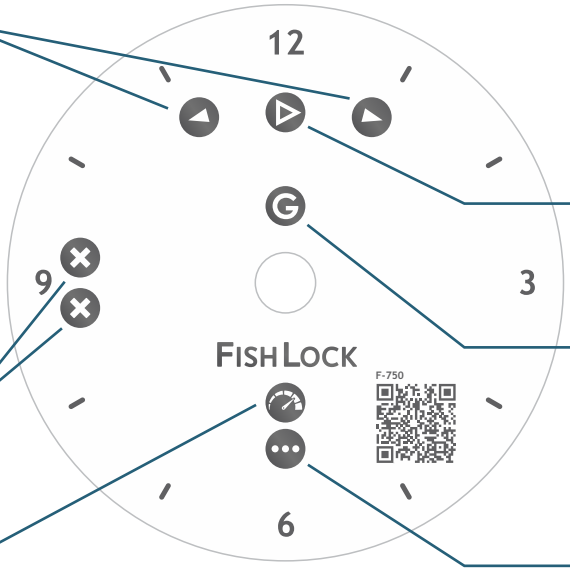
Night mode – when fishing in the dark, the display lights up with a soft, non-glare light when the transducer is stopped for casting, allowing clear visibility of the beam direction.

For easier orientation, the control unit ring features a clock-style dial that helps quickly understand the transducer rotation angle.

A built-in level indicator shows whether the unit is installed horizontally.

Illuminated indicators:

Green arrows at the 11 and 1 o'clock positions activate when the corresponding direction button on the remote control is pressed.



The green arrow at 12 o'clock indicates that automatic mode is active.

Bright red crosses at the 9 o'clock position indicate that the transducer has reached its 360° rotation limit. Further rotation is stopped to prevent the cable from twisting. The transducer can rotate 360° in each direction – a total of 720°.

The green "G" indicator shows that the gyro function is operating.

The green speedometer icon indicates that the speed adjustment mode is active.

The three red dots lights up when the device is in sleep mode during boat movement.

Control buttons:

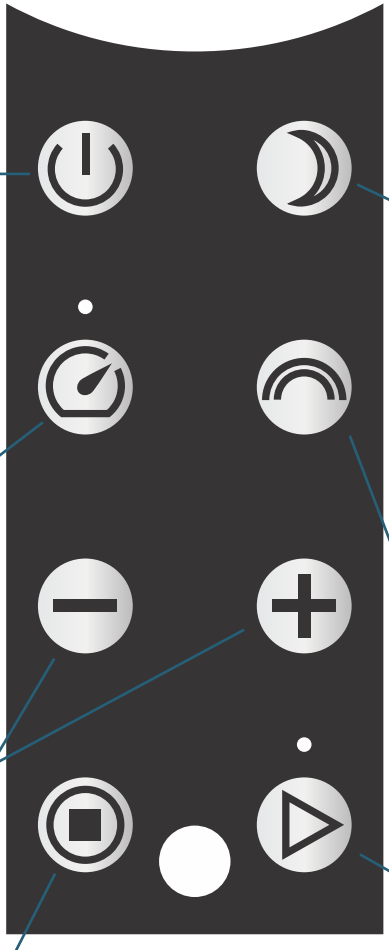
The buttons are waterproof, clearly visible, and provide a tactile click that can be felt even when wearing gloves.

- Short press: turns on the device (if it was off).
- Short press: activates sleep mode (if it was on).
- Hold for ~12 seconds: completely powers off the device.

- Activates the illumination intensity adjustment mode.
- The desired brightness level is set using the + and – buttons.
- If no changes are made within 5 seconds, the mode is deactivated.

- Activates the rotation speed adjustment mode for automatic operation modes.
- Each mode can have its own rotation speed setting.
- Adjust using the + and – buttons.
- The mode deactivates automatically after 5 seconds of inactivity.

- Activates the scan sector width adjustment mode for automatic operation modes.
- Each mode can have its own sector width setting.
- Adjust using the + and – buttons.
- The mode deactivates automatically after 5 seconds of inactivity.



- Adjust brightness, rotation speed, and scan width in their respective modes.
- Move the active scanning sector in the selected direction in automatic mode.
- Rotate the transducer manually when automatic rotation is stopped.

- Activates automatic mode with or without the gyro function.
- Allows switching between automatic operation modes.

- Stops transducer movement in automatic modes.
- Switches to manual mode with or without the gyro function, depending on the previous state.

Remote control

Compact, waterproof, and exceptionally convenient – the miniature remote can be easily attached to any fishing rod without interfering with accurate casting or fish retrieval.
The buttons are positioned for comfortable one-finger operation. A simple thumb press with a tactile click ensures an immediate and precise FishLock response.

Remote operation:

- A short press of any button in automatic modes – instantly stops the transducer's rotation.
- Holding a button in automatic modes – moves the active scanning sector in the selected direction.
- A short button press in manual mode – makes a short rotation in the chosen direction.
- Holding a button in manual mode – initiates five short rotations followed by continuous rotation until the button is released.
- Pressing both buttons simultaneously in manual mode – restores the previously used automatic operation mode.

Compatibility and battery life

- Each remote is uniquely paired with its specific FishLock device and does not interfere with nearby FishLock systems.
- A single device can be connected to multiple remotes, allowing each fishing rod to have its own control.
- Battery life depends on usage intensity – ranging from 1 month to several seasons.
  Recommendation: replace the battery at the end of each season to ensure reliable operation for the following year.

Mechanism

The FishLock mechanism can be installed on any boat, on either the right or left side.
It is durable, safe, elegant, and easy to use — combining a robust construction with unique functionality.

Main advantages:

- **One-hand transducer lowering and lifting** – just pull, twist, and it locks automatically.

Within seconds, the transducer is in the working or transport position. No screws or tools are needed — the mechanism firmly and securely locks in both positions.

- **Raising the entire mechanism above the boat side or placing it inside the boat** – also done with one smooth hand movement: pull, twist, and it locks automatically.
- **Easy leveling adjustment** – to ensure the transducer arm is perfectly perpendicular to the water surface, use the built-in level on the FishLock panel to fine-tune the mechanism's tilt both along and across the boat.

Once set, the adjustment locks securely.

- **Quick and simple tool-free installation** – attach the transducer arm and control unit in just a few seconds:
  - Insert the end of the transducer arm with the keyed groove into the cylindrical socket of the mechanism, aligning the ridge with the groove.
  - When it reaches the stop, rotate 90° and gently pull — the arm locks automatically.
  - Insert the motor shaft of the control unit into the transducer arm so that the motor key fits into the groove.
  - Place the control unit on the mechanism, aligning its tabs with the slots on the mechanism surface.
  - Press down and turn 45° — the control panel locks automatically and is ready for operation.
- The mechanism ensures stable device operation while the boat is moving at speeds of up to **10 km/h.**
- The maximum allowed boat speed with the transducer lowered in the water is **10 km/h**.

Transducer holder arm and adapter

To provide anglers with convenient and fast operation, the transducer holder arm is made of two interconnecting sections.

The connection is secured with a self-locking ball pin, allowing the arm to be easily and safely assembled or disassembled.

This design offers a key advantage – the transducer arm can be quickly detached from the device, for example, during longer trips on rough water, protecting the transducer from damage. The set includes an adapter for **Garmin LVS34** or **LVS32** transducers.

The adapter allows adjustment and secure locking of the desired working angle of the transducer, adapting to fishing conditions and technique.

The transducer arm length can be customized to fit a specific boat. The user can easily shorten the arm as needed:

- Measure the required arm length according to the boat's height.
- Cut the arm to the desired length.
- Drill a 5 mm hole at the chosen point to secure the transducer adapter at the correct height, keeping the transducer properly oriented.

Manual control mechanism with handle

For anglers who prefer to retain manual transducer control, FishLock offers the option to install a handle mechanism instead of the smart control unit.

Advantages:

- **Quick and simple installation** – the mechanism can be easily mounted in place of the control unit without additional tools.
- **Secure locking** – the mechanism locks firmly in place to prevent unintended rotation.
- **Comfortable and precise operation** – simply rotate the transducer using the handle until you see the target fish on the sonar screen.
  Gently push the handle forward to lock the transducer direction and make your cast.
  There's no need to hold the transducer with your knee, elbow, or any improvised support – the mechanism securely maintains the selected direction.

Important:

When the device is powered on, an automatic self-calibration process begins and may take up to 1 minute.
To ensure accurate and reliable operation of all FishLock modes, the device must remain **completely still** during this process.
Moving or shaking the unit during calibration may **negatively affect the gyroscope accuracy** and subsequent performance.

Developed and manufactured in the EU, Latvia – GDOG Ltd

E-mail: Uldis.renge@gmail.com
Phone: +371 20001161