



Wireless Internal Fishfinder Installation Manual

Hummingbird Smartcast RF15e

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1. What's in the Box

1. Hummingbird RF15e
2. Sonar
3. Signal Booster
4. Aerial



2. Tools Required

1. Ruler
2. Masking Tape
3. Waterproof Silicone
4. Drill
5. Ø 6.5mm Drill bit
6. Ø 14mm Drill bit
7. Various drill bits up to specified sizes
8. Small Philips screwdriver

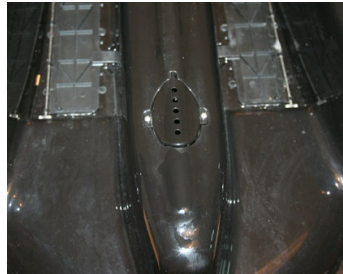


3. Installation Procedure

1. Remove the battery from the compartment.



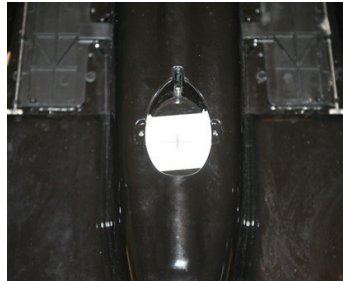
2. Remove the screws from the wireless sonar cover underneath.
3. You may need to heat the area gently with a hair dryer to ease the cap out.



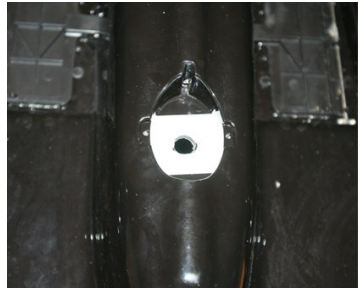
4. The cap is the same depth as the recess and will need to be eased out. Insert a small screwdriver through the holes and gently rock the cap out.



5. Using a piece of masking tape mark a cross centrally between the screw holes.



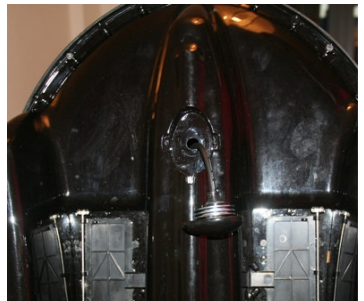
6. Starting with a small drill work up to a $\text{\O}14\text{mm}$ hole.
7. Remove the masking tape and clean any burrs from the hole both inside and out.



8. Remove the wing nut and run a small bead of waterproof silicone around the inside of the rubber washer only.



9. Pass the cable through the hole.



10. Fit the wing nut over the cable and fit to the thread.
11. ONLY tighten to finger tight. To much pressure may cause damage.



12. When the Signal Booster is fitted the plug for the sonar should be facing forward.



13. Using masking tape mark up where the hole will be drilled for the aerial. This should be 100mm in front of the handle.
14. You will need to remove the cable tie for the LED wiring before drilling the hole. The box should be mounted this far forward to reduce electrical interference from the boats components.



15. Starting with a small drill bit work up to a Ø6.5mm hole.



16. Remove the masking tape and clean any burrs from the hole both inside and out.



17. Run a small bead of silicone in a circle around the aerial fitting on the booster box.
18. Plug the sonar into the booster box.
19. Fit the booster box into the boat and through the hole.
20. Screw the aerial onto the booster box.



21. Leave the boat for 24 hours in a horizontal position to allow the silicone to fully dry/cure.

4. Notes

- The sonar turns on when immersed in water. Ensure the boat is dry before storage otherwise the sonar may remain on and drain the batteries.
- The Hummingbird display unit may switch to demo mode if no signal is received from a sonar unit.
- The booster box takes AA size batteries which should last approximately 1000 hours use. These should be changed yearly to ensure reliable use and avoid leakage of battery acid in the unit.
- Remove all batteries from the display unit and booster box if the boat is not to be used for an extended period.
- The aerial can be hinged flat to aid storing the display or boat. This is a tight fit and you should be careful when lifting the rubber seal not to pull the aerial from the fitting.
- After fitting the sonar and booster box to your boat you may find your boat tips forward. Adding a small amount of counterbalance weight to the rear will even its attitude in the water.

Thank you for purchasing your FishFun wireless fishfinder. With a little care and maintenance it will give you many years of trouble free use.