



SOLAR AUTOMATIC FEEDER **SFF-1**



AUTOMATIC SOLAR CHARGING -
BUILT IN 2200mA LITHIUM BATTERY

PROGRAMMABLE - FEED UP TO
SIX TIMES PER DAY

120° WIDE FEEDING ANGLE

ADJUSTABLE - SET FEEDING
DISTANCE AND DURATION

DIGITAL - CLEAR & ACCURATE
DISPLAY

6 LITRE CAPACITY

To ensure your automatic feeder is set up and running correctly, and to prevent any accidental damage or injury, please read and follow the below instructions carefully before using your product.

SAFETY

IMPORTANT! Do not attempt to modify this unit in any way and only use the recommended parts for replacement.

- When charging the battery using the optional 12V adapter (available to purchase separately), keep the unit out of the rain and away from combustible/explosive materials.
- When not in use for a long time, please charge the built-in battery for three hours every six months to maintain its lifespan.
- Always install at the side of a pond, never in the pond.
- Avoid exposure to direct sun.
- The unit is equipped with adapter charging socket (optional 12V adapter can be purchased separately).
- Do not connect to any voltage other than that stated.
- Do not use this unit if malfunctioning or if it is dropped or damaged in any manner.
- Do not attempt to modify this unit in any way. Only use attachments and the recommended parts for replacement recommended by the manufacturer.
- To avoid injury, do not touch hot or moving parts such as, but not limited to impellers.
- If the appliance shows any signs of water leakage consult the retailer where you purchased the unit.

Please note – this appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, provided they are given supervision and instruction concerning use of the appliance and understand the hazards involved. Children must not play with the appliance. Any maintenance must not be made by children without supervision.

INSTALLATION & USE

Please read the below instructions carefully before beginning to set up your feeder.

1. Attach the fixing pegs to the feeder and secure it at the edge of your pond. (Fig. 1)
2. Alternatively, secure the feeder to the hard surface with screws. (Fig. 2)

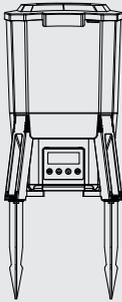


Figure 1

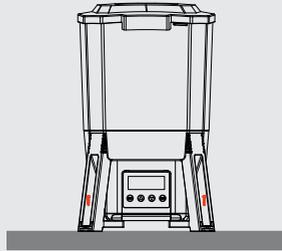
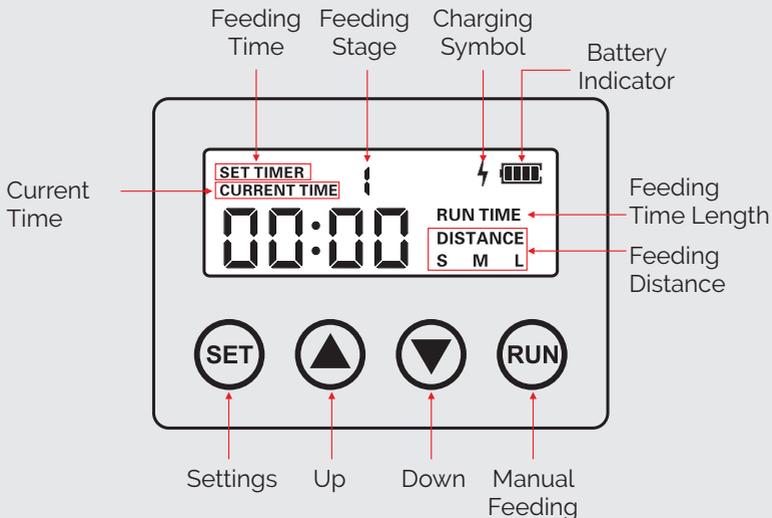


Figure 2

3. Use the control panel to set up your feeder.



Settings: press shortly to change between the modes.

Current Time: press shortly to adjust the displayed current time.

Feeding Time: set the feeding start time.

Feeding Time Length: you can set feeding time between 0-20 seconds.

Feeding Distance: this sets the distance that the food is propelled. Choose between "S" (small range feeding), "M" (medium range feeding) and "L" (large range feeding). For example 6mm Koi pellets would have the following approximate distance at:

- "S" - 1 metre, motor speed is 60%
- "M" - 2 metres, motor speed is 80%
- "L" - 3 metres, motor speed is 100%

Feeding Stage: you can have up to six feedings per day. Each lasting up to 20 seconds.

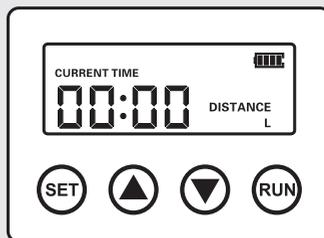
Manual Feeding: press for 3 seconds and food will be propelled for that duration.

Charging Symbol: it blinks when unit's being charged.

4. Initial Set Up

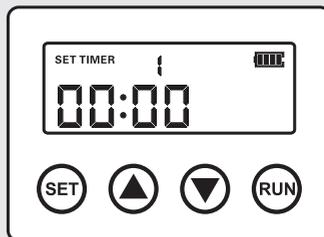
Turn on the external power switch. Press the SET button to enter the current hour. Short press the SET button again and enter the current minutes.

Use the UP and DOWN buttons to increase and decrease the number.

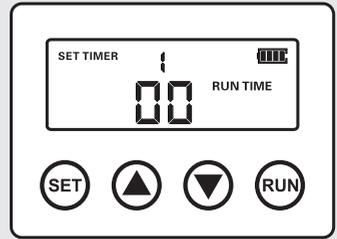


Short press SET button again and choose the feeding distance. Switch between the feeding distances using UP/DOWN buttons.

Set the feeding stages (6 to set up). Short press SET button and set the time by pressing UP/DOWN buttons.



Set the feeding time lengths (0 to 20 seconds). Short press UP/DOWN buttons to set the length. 0 seconds means no feeding at this stage.



MAINTENANCE

To ensure optimal performance and that your unit functions correctly, regular maintenance is essential. Failure to do so may result in damage to your unit and may invalidate your warranty.

Depending on the type of food you use, the feeding operation might create some dust. Use a dry cloth to remove food residue.

TROUBLESHOOTING

My Display is Not Working

1. Make sure your unit is charged. Place it in a sunny spot for charging or use a 12V adapter (available to buy separately).
2. Ensure the external switch is on.

My Display is Working But No Food Comes Out

This happens when the impeller gets stuck. Locate the impeller and inspect for damage and clear the fittings and parts of any waste build-up.

Ensure the impeller is intact - it has not come apart or split. If this is the case you need to replace your impeller.

The Impeller Rotates But No Food Comes Out

Ensure the food placed in the container is not lumpy otherwise it won't be able to be propelled and you'll need to mash it up.

How Do I Choose The Correct Amount of Food?

You can check how much food will be propelled by following the steps below:

1. Set the timer's feeding time to feed in about two minute's time.
2. Hold an empty bucket in front of the chute and check amount of food that comes out.
3. Adjust the feeding time (see the installation & use section).

SPECIFICATIONS

MODEL:	SF-1
FISH FOOD SIZE:	3-10mm
CAPACITY:	6L
FEEDING TIMES PER DAY:	1-6
BATTERY CAPACITY:	2200mA
DIMENSIONS (LxWxH) (mm):	275 x 252 x 420
ADAPTER SPECIFICATIONS:	12V 1.66A

USE WITH ALL POND SOLUTIONS FOODS



Premium Floating Pond Food Sticks - 4mm

Complete floating food mix for Koi carp and other pond fish.

Available in 3L (250g) & 5.7L (450g) buckets.



Koi Floating Staple Fish Food - 3-6mm

Complete floating food mix for Koi carp and other pond fish.

3mm food is available in 3L bucket (1190g) & 5.7L bucket (2140g) whilst 6mm food is available in 3L (1090g) & 5.7L (1950g) buckets.



Sterlet / Sturgeon / Catfish Sinking Fish Food Pellets - 6mm

Complete fish food for Sturgeon and other bottom feeding pond fish.

Available as a 2L jar (Approx: 1390g) & 5L bucket (Approx:3600g).

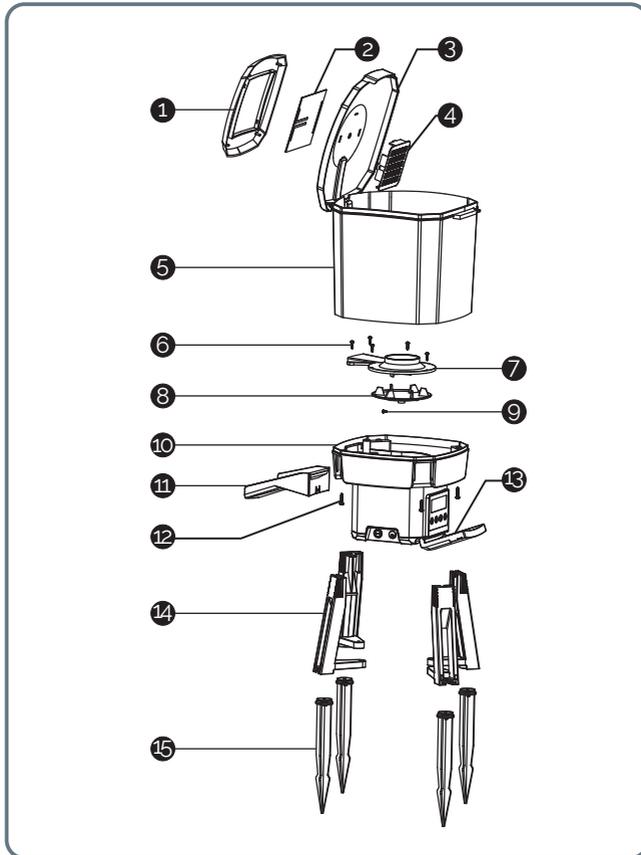


Premium Winter Wheatgerm Fish Food Pond Pellets

A highly digestible, low-waste pond food for feeding in low temperatures for all types of fish.

Available in 2Kg bag, 4Kg bucket & 10Kg bag.

PARTS DIAGRAM



1	TRANSPARENT COVER	6	SCREW 1	11	FEEDING CHUTE
2	SOLAR PANEL	7	IMPELLER COVER	12	SCREW 3
3	BUCKET COVER	8	IMPELLER	13	PROTECTIVE COVER
4	DESICCANT RACK	9	SCREW 2	14	LEGS
5	FOOD CONTAINER	10	MAIN BODY	15	FIXING PEGS

WARRANTY

The All Pond Solutions SF-1 Automatic Solar Feeder is guaranteed against defects in material or workmanship under normal usage and comes with 12 months warranty for all electrical parts. The warranty period commences from the date of purchase.

If you require support on how to use your unit, replacement parts or if your filter develops a fault during the warranty period, please contact the supplier of your unit.

Non-replaceable, non-perishable and non-serviceable parts will be repaired or replaced free of charge, once the unit is returned with all components along with a valid proof of purchase and postage paid. We reserve the right to replace or repair the unit at our discretion.

Please be aware that perishable parts that are subject to normal wear and tear, such as impellers, impeller covers and motor seals are not covered by your warranty and a charge may be required for replacements of these.

This warranty does not apply to any unit that has been subjected to misuse, accidental damage, negligence, tampering or customisation. It does not apply to units which have been assembled incorrectly, improperly maintained, or where the instructions and safety information in this manual has not been followed correctly.

No liability is assumed with respect to loss or damage to livestock or personal property irrespective of the cause thereof.

Please ensure that only genuine All Pond Solutions components are used when completing a replacement or repair. Spare parts are available at our official website or from your local supplier.

Before returning your unit under warranty terms, check that all setup and maintenance instructions have been correctly followed. If you are in doubt, please contact your local aquatic retailer for further advice before returning the product.

This does not affect your statutory rights.



www.allpondsolutions.co.uk

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