

# Quick Start Guide

Automatic Pond Feeder for Fish (PFF-01)

## Control Panel Keys

- **CLOCK** – displays clock (current time)
- **TIMER** – switches between preset feeding times
- **VOLUME** – sets the feeding volume/portion-size
- **SET** – enters SET mode, and confirms any feeding times you enter and advances to the next setting. Also used with **VOLUME** key to perform manual feedings
- **START** – starts the feeding schedule, confirms the clock and feeding-time settings
- **DAY** – sets the number of days to feed

## Getting Started

1. Open the battery door (under the unit)
2. Keep the ON/OFF switch set to OFF. The switch is next to the battery door
3. Insert four C-size alkaline batteries into the battery tray. Do NOT use old or low-quality carbon batteries.
4. Slide the ON/OFF switch to ON
5. The feeder will cycle once until (12:00) is flashing on the LCD display
8. You now have 90 seconds to set the current-time in order for the feeder to work properly. After that (1 07) will be displayed on the LCD. If you did not get to set the time correctly, simply slide the switch to Off, wait 1 minute, then repeat from step-4



### 1) Setting the Current Time

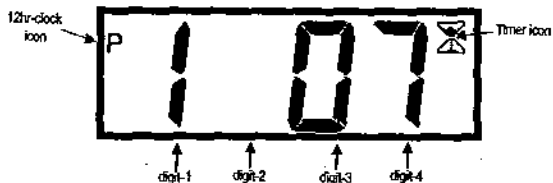
- 1) All digits should now be flashing
- 2) Press the **CLOCK** key to set the **HOUR**
- 3) Press the **TIMER** key to set the **MINUTE**
- 4) Press the **SET** key once to confirm the time  
*Now the display will show either 12 or 24 to indicate the display mode*



- 5) Press the **CLOCK** key to change between 12 or 24-hour display mode
- 6) Press the **START** key to **CONFIRM** the clock setup
- 7) **(1 07)** will be flashing and you must now set the feeding times

### 2) Setting the Feed Time and Number of Feedings per Day

- 1) **(1 07)** should now be flashing. Digit-1 is the feeding number (times per day). Digits-3 & 4 are the feeding time (in hours)



- 2) The display shows the 1st feeding time **(1 07)**=(1st feeding at 7am)
- 3) With **(1 07)** Flashing, Press and **HOLD** (for 2 seconds) the **SET** key until Digit-3 & 4 start flashing **(07)**
- 4) Press the **TIMER** key to set the desired hour for feeding. Note the **(P)** in the top left corner stands for **PM** when using 12 hour time
- 5) Press the **SET** key to confirm your setting and proceed to the 2nd feeding time
- 6) Repeat step-4 to set the desired hour for feeding the **SECOND** feeding time

- 7) At this point if you want to only feed 2 times per day Press the START key and you're finished
- 8) If you wish to feed a 3rd or 4th time each day do NOT press the START key and repeat from step-4

Tip: If you pressed the SET key a 3<sup>rd</sup> time, but you did not want to feed 3 times per day, just press the TIMER key and then Press and Hold the SET key (for 2 seconds) to start over, remember not to press the SET key after the Second feeding, press the START key to end your number of feedings per day.

3) Setting the Volume/Portion-Size

- 1) Press the VOLUME key to display feed-volume/portion-size
- 2) Press and hold (for 2 seconds) the SET key until Digit-4 blinks
- 3) Press the VOLUME key to set the desired volume

Note:

*A Feed-volume of 1 equals 0.21cups (50cc) of food, 2 means 0.42cups (100cc) of food, 3=0.63cups (150cc) and so on.*

- 4) Press the START key to confirm the volume/portion size

# Instruction Manual

Automatic Pond Feeder for Fish (PFF-01)

## Features

- 12 or 24 hour clock display
- Feed according to your set time
- Amount of food dispensed is adjustable
- The 4 Feeding times can be set for any time of day or night
- C-size alkaline batteries (4pcs) last up to 1 year
- Red LED indicates batteries are Low

## Control Panel Keys

- **CLOCK** – displays clock (current time)
- **TIMER** – switches between preset feeding times
- **VOLUME** – sets the feeding volume/portion-size
- **SET** – enters SET mode, and confirms any feeding times you enter and advances to the next setting. Also used with **VOLUME** key to perform manual feedings
- **START** – starts the feeding schedule, confirms the clock and feeding-time settings
- **DAY** – sets the number of days to feed

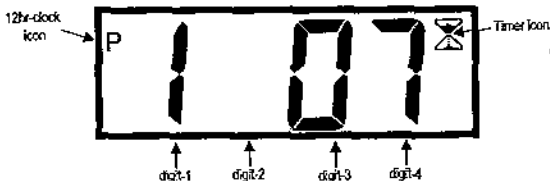
## Getting Started

1. Open the battery door (under the unit)
2. Keep the ON/OFF switch set to OFF. The switch is next to the battery door
3. Insert four C-size alkaline batteries into the battery tray. Do NOT use old or low-quality carbon batteries. Close the battery door
4. Slide the ON/OFF switch to ON
5. The feeder will cycle one time until (12:00) is flashing on the LCD display
6. You now have 90 seconds to set the current-time in order for the feeder to work properly. After that (1 07) will be displayed on the LCD. If you did not get to set the time correctly, simply slide the switch to Off, wait 1 minute, then repeat from step

## General Operation

### 1) Reviewing the settings

- 1) Press the **TIMER** key to cycle through and view the feeding times.  
*Only the feeding times per day that are set will be displayed. Digit-1 is the feeding number each day, Digit-3 & 4 are the feeding times (in hours).*  
*Example: (1 07)=(1st feeding at 7am)*



- 2) Press the **VOLUME** key once to view the volume/portion-size and feeding day(s) remaining
- 3) Press the **DAY** key to display feeding day(s) remaining
- 4) Press the **CLOCK** key once to display the current time, the Clock display icon will now turn ON
- 5) If no key is pressed for more than 8 seconds, the display will switch back to show the next feeding time with the timer icon flashing.

#### **Note:**

- a) Using the **TIMER** key to cycle through the feeding times will only display to the number of feedings you set. The sequence will repeat after the last one is displayed.
- b) Only the 1<sup>st</sup> feeding time will be displayed if you've set just 1 feeding

- c) A flashing timer-icon means the feeding-time has not been reached while a solid timer icon means the feeding-time has already passed
- d) The volume and day display shares the same screen so Digit-1 & 2 are the feeding day(s) remaining while Digit-4 is the Volume/Portion-size

#### 4) Setting the Current Clock Time

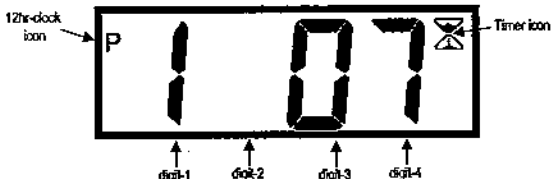
- 1) Press the **CLOCK** key to display the clock  
*The time and clock display icon will now be displayed*
- 2) Press and hold (for 2 seconds) the **SET** key until all digits blink
- 3) Press the **CLOCK** key to set the HOUR
- 4) Press the **TIMER** key to set the MINUTE
- 5) Press the **SET** key once to confirm the time  
*The display will show either 12 or 24 to indicate clock display mode*
- 6) Press the **CLOCK** key to change between 12 or 24-hour display mode  
*if 12-hour display mode is selected, the 12hr-clock icon will be displayed.*
- 7) Press the **START** key to confirm the clock setup



#### 5) Setting the Feed Time and Number of Feedings per Day

- 1) Press the **TIMER** key to display the feeding-time
- 2) Press and hold (for 2 seconds) the **SET** key until Digit-3 & 4 start flashing  
*The display will show the 1<sup>st</sup> feeding time. Example: (1 07)=(1st feeding at 7am)*
- 3) Press the **TIMER** key to set the desired HOUR for feeding. Note the (P) in the top left corner for PM using 12 hour time
- 4) Press the **SET** key to confirm your setting and proceed to the 2<sup>nd</sup> feeding time
- 5) Repeat step-3 to set the desired hour for feeding the **SECOND** feeding time
- 6) At this point if you want to only feed 2 times per day Press the **START** key and your finished  
*The last feeding-number shown is the number of times to feed per day. The timer will now automatically start and the **TIMER** icon will turn ON.*
- 7) If you wish to feed a 3<sup>rd</sup> or 4<sup>th</sup> time each day, do NOT press the **START** key and repeat from step-3

**Tip:** If you pressed the SET key a 3<sup>rd</sup> time but you do not want to feed 3 times per day, just press the TIMER key and then Press and Hold the SET key (for 2 seconds) to start over, remember not to press the SET key after the Second feeding, press the START key to end your number of feedings



per day.

**Note:**

- a) If all four feeding-times have been set, the process will terminate and the schedule will start automatically. The next feeding time will then be displayed.  
(When reviewing, if only 1 feeding-time has been set then the feeding-time display will not change when you press the TIMER key as there is no more feeding-times to review)
- b) Feeding-times must be SET in ascending order otherwise the remaining number of the feeding(s) will not be served.

#### 6) Setting the Volume/Portion-Size

- 1) Press the VOLUME key to display feed-volume/portion-size
- 2) Press and hold (for 2 seconds) the SET key until Digit-4 flashes
- 3) Press the VOLUME key to set the desired volume/portion-size

**Note:**

A Feed-volume of 1 equals 0.21cups (50cc) of food, 2 means 0.42cups (100cc) of food, 3=0.63cups (150cc) and so on.

- 4) Press the START key to confirm the volume setup

#### 7) Setting the Number of Days to Feed

- 1) Press the DAY key and the left side of the LCD shows the number of days your Automatic Feeder will feed for until it stops. The default setting of {0} means the feeder will feed continuously and never stop
- 2) To change the number of days to feed, press the DAY key then Press and Hold the SET key (for 2 seconds) until the days flash on the LCD
- 3) Press the DAY key to change the number of days. Hold down the DAY key to speed through the numbers

- 4) If you set a number of days to feed (1 to 99 days) then at 6am after the last day the feeder Alarm will start beeping. This Alarm is telling you no more food will be served as the number of programmed days has ended
- 5) To repeat the same schedule without any changes, just press the **START** key
- 6) To feed continuously, set the number-of-days to 0

**Notes:**

- a) When the timer-icon and all the numbers on the LCD display are continuously ON, the feeding schedule has started.
- b) Once a feeding schedule has started, you can force it to end by pressing the **SET** and **START** keys together.

**8) Feeding Alarm**

- 1) Your PF-12 Automatic Pet Feeder has an **ALARM** (a continuous beeping) to alert you to when your feeding schedule has ended and no more food will be dispensed
- 2) The Feeding Alarm will start at 6:00AM the next day to avoid disturbing anyone during the night
- 3) You can press any key to stop the alarm
- 4) To restart your original feeding schedule, press the **START** key

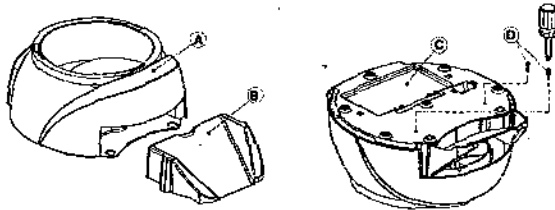
**9) Manually feeding your pet**

Press the **SET** and **VOLUME** keys together, once.

*Only 0.21cups (50cc) will be dispensed. The normal schedule and quantity will not be affected*

**10) Assembly of Food Shoot**

- 1) Take the Feeder Base-(A) and Food Shoot-(B), turn the Feeder Base upside down (there is no need to remove Food Tank) and insert the Food Shoot into the Feeder Base as shown below.

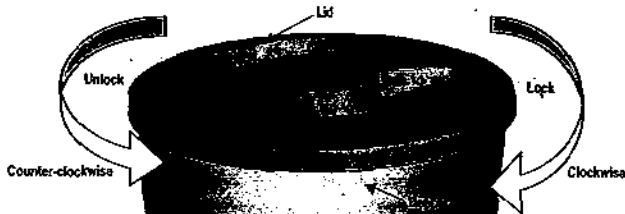


- 2) Use the two Philips (+) screws provided to secure the Food Shoot to the Feeder Base. Don't over tighten the screws. When finished turn the Feeder Base & Food Shoot assembly over and you are ready to fill with food.



### 11) Putting/Adding food to the Food Hopper

- 1) Turn the lid of the hopper counter-clockwise to remove it.
- 2) Pour in the desired quantity of pet food.
- 3) Replace the lid paying careful attention to the alignment of the marker on the lid with the marker near the lip of the food tank.
- 4) To lock the lid, turn it clockwise until it stops.  
Your feeder is now ready.



### Important Notes:

- e) *Power-on factory default settings are:*
- a) *Number of Days to Feed=0 days (0=continuous),*
  - b) *Number of Feedings per Day=2 feedings at 7AM & 5PM*
  - c) *Volume/Portion-size=1 (0.21cups/50cc)*

### Care and Cleaning

When the food tank starts getting dirty and there is a lot of loose food at the bottom of the food tank, you can remove the lid and food tank for cleaning. Refer to 12) *Putting/Adding food to the Food Hopper* if you have any problems removing or replacing the lid.

Use a soft damp cloth to clean the feeder base which contains the control panel and batteries. *Never get this part wet and do NOT wash with running water.*

You can wash the Food Cover and Food Tank in warm soapy water. *"DO NOT" put these parts in the dishwasher or they will be permanently damaged!*

## Assembly and Disassembly of Food Tank

### A. Disassembly

- 1) Remove the lid (see 12, *Putting/Adding food to the Food Hopper*), turn the unit over and carefully empty out any debris or food particles that may be inside. *Do not slap or shake the feeder when emptying it as it may get damaged.*
- 2) Carefully pull out the plastic retainer-pin inside the hopper (at the bottom, near the hole where the food drops out of). *This pin stops the food hopper from rotating and keeps it locked in place.*
- 3) With the retainer-pin removed, turn the hopper clockwise until it stops. You can now lift it off the base. *Follow the Care and Cleaning instructions mentioned above to clean it properly.*



Plastic retainer-pin - halfway out

### B. Assembly

Before you reassemble your feeder, always make sure that the locking slots on the base are clean and free of food debris or particles that may obstruct it's reassembly.

- 1) Before you insert the hopper back onto it's base, make sure you align the locking-lugs with correct slots on the base as they are uniquely matched. *The food hopper is designed to fit in ONE WAY only.*
- 2) Turn the hopper counter-clockwise until it can go no further. It should now be securely locked into the base.
- 3) Locate the hole where the retainer-pin goes and re-insert it all the way. *This will stop the hopper from rotating when you put the lid back on.*
- 4) Finally, replace the lid. Refer to 12, *Putting/Adding food to the Food Hopper* if you have any problems removing or replacing the lid.



Plastic retainer-pin - INSTALLED

**FAQ & Troubleshooting:**

- a) The clock can display in either 12 or 24-hour display format  
The ( PM ) icon will show in the afternoon under the 12-hour display mode
- b) The feeding-days can be changed at any time but the previous schedule will be replaced and will start from the 1<sup>st</sup> new feeding day set
- c) The feeding-times and feeding-volume can be changed at any time and the new settings will be for the rest of the feeding day/s schedule
- d) Once the schedule has started, the DAYS displayed will be reduced by 1 every day at 0:00 (midnight) until the end is reached. It will then revert back to the original number of set DAYS and the Feed Alarm will sound. Just press the START key to start your original program/settings again
- e) If the timer-icon is OFF and all numbers are flashing then no feeding schedule has been set
- f) When the timer icon is ON and all numbers on the LCD display are not flashing then the schedule has started
- g) When the Clock-display icon is ON the current time is displayed
- h) When the Red (LOW BATT) light FLASHES, the batteries are low and must be replaced  
Change all the batteries as soon as possible. You will have to reprogram all your settings again when the batteries are changed
- i) Always use the Quick Setup Guide for fast, easy programming. If you want more advanced features use this Instruction Manual