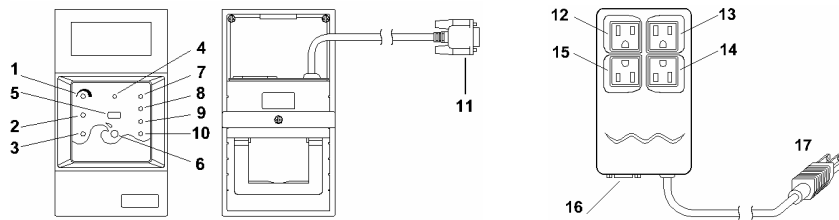


Thank you for choosing Reef Fanatic Wave Creator. Our state of the art aquarium wavemaker that is packed with features to help improve the aquarium water circulation. Our Wave Creator can handle up to 4 pumps (3 power heads and 1 main pump). There are eight user selectable Day Modes and one Automatic Night Mode for gentle current. The Night Mode comes on automatically when the Wave Creator light sensor detects darkness, and returns to Day Mode when the sensor detects day light. Wave Creator also features Feed Mode, Test Mode, and Cycle Range Adjustment.

Caution: Please note that the Wave Creator wavemaker is NOT waterproof and MUST be operated on a dry surface.

Diagram



1. Cycle time adjustment	2. Test Mode switch
3. Feed Mode switch	4. Status indicator
5. Mode selector	6. Day / Night sensor
7. Pump 1 indicator	8. Pump 2 indicator
9. Pump 3 indicator	10. Filter pump indicator
11. Signal cable	12. Pump 1 power socket
13. Pump 2 power socket	14. Pump 3 power socket
15. Filter pump power socket	16. Signal cable connector
17. Power cord	

Package Check List

1. One WV1
2. One WV2
3. One mounting bracket
4. One adjustment tool

Setup

1. Connect the signal cable from WV1 to WV2.
2. Place the power heads at the desire area in the aquarium. The goal is to place the power heads in such a way to they will provide the most water movement coverage for the arrangement that you have.

3. Connect the pumps to pump power sockets (Pump 1, Pump 2, and Pump 3), and return pump to filter power socket. You can also plug a fourth power head into the filter pump outlet. Please note that if you do so, the fourth power head will NOT be controlled by the wave mode selected. It will always be ON. Total output load must **NOT** exceed 2A.
4. Connect the power cord to 110V AC outlet. The filter pump will operate when power cord is plugged in. The pump power sockets will operate according to the wave mode selected.
5. Select the wave mode use the 3 dip switches. See Mode Switch diagram for more info.
6. Adjust the time for the wave cycle according to your need. Cycle ranges from 30 seconds to 30 minutes.

Note: WV1 signal cable should plug into WV2 signal connector ONLY.

Day & Night Mode

Wave Creator uses light sensor to determine day and night. Therefore, WV1 should be placed in an area where it can easily detect the day light and darkness. If the unit is placed in the dark, it may always operate in the night mode.

Feed Mode

All pumps will stop in the feed mode. Push the feed button to activate the feed mode. Push the feed button again to manually take it off the feed mode. Otherwise, the Wave Creator will resume normal operation automatically after 10 minutes.

Test Mode

Push the test button to activate the test mode. In this mode, Wave Creator will power each pump for 2 seconds. Wave Creator will return to normal mode after 3 cycles.

Status LED

Day normal mode – flashing orange (1 second per flash)
 Night normal mode – flashing green (1 second per flash)
 Day test mode – flashing orange (0.5 second per flash)
 Night test mode – flashing green (0.5 second per flash)
 Day & Night feed mode – flashing red (1 second per flash)

Wave Cycle

There are a total of 8 day modes, and 1 night mode. Use the dip switches to change the desired mode. Night mode is auto detect.

MODE SW.		PUMP OUTPUT • On											
		┌ 1 Cycle ┐											
MODE 1		PUMP A	•	•	•	•	•	•	•	•	•	•	•
ON	<input type="checkbox"/>	PUMP B	•	•	•	•	•	•	•	•	•	•	•
OFF	<input type="checkbox"/>	PUMP C	•	•	•	•	•	•	•	•	•	•	•
		┌ 1 Cycle ┐											
MODE 2		PUMP A	•	•	•	•	•	•	•	•	•	•	•
ON	<input type="checkbox"/>	PUMP B	•	•	•	•	•	•	•	•	•	•	•
OFF	<input type="checkbox"/>	PUMP C	•	•	•	•	•	•	•	•	•	•	•
		┌ 1 Cycle ┐											
MODE 3		PUMP A	•	•	•	•	•	•	•	•	•	•	•
ON	<input type="checkbox"/>	PUMP B	•	•	•	•	•	•	•	•	•	•	•
OFF	<input type="checkbox"/>	PUMP C	•	•	•	•	•	•	•	•	•	•	•
		┌ 1 Cycle ┐											
MODE 4		PUMP A	•	•	•	•	•	•	•	•	•	•	•
ON	<input type="checkbox"/>	PUMP B	•	•	•	•	•	•	•	•	•	•	•
OFF	<input type="checkbox"/>	PUMP C	•	•	•	•	•	•	•	•	•	•	•
		┌ 1 Cycle ┐											
MODE 5		PUMP A	•	•	•	•	•	•	•	•	•	•	•
ON	<input type="checkbox"/>	PUMP B	•	•	•	•	•	•	•	•	•	•	•
OFF	<input type="checkbox"/>	PUMP C	•	•	•	•	•	•	•	•	•	•	•
		┌ 1 Cycle ┐											
MODE 6		PUMP A	•	•	•	•	•	•	•	•	•	•	•
ON	<input type="checkbox"/>	PUMP B	•	•	•	•	•	•	•	•	•	•	•
OFF	<input type="checkbox"/>	PUMP C	•	•	•	•	•	•	•	•	•	•	•
		┌ 1 Cycle ┐											
MODE 7		PUMP A	•	•	•	•	•	•	•	•	•	•	•
ON	<input type="checkbox"/>	PUMP B	•	•	•	•	•	•	•	•	•	•	•
OFF	<input type="checkbox"/>	PUMP C	•	•	•	•	•	•	•	•	•	•	•
MODE 8		PUMP A	Random										
ON	<input type="checkbox"/>	PUMP B											
OFF	<input type="checkbox"/>	PUMP C											

Important

- Reef Fanatic Wave Creator is NOT waterproof and MUST be operated on a dry surface.

Warranty

- Reef Fanatic offers a one year limited warranty from the purchase date. A proof of purchase is required for warranty claim.
- Removal or alteration of the serial number will void warranty.
- Any defective product MUST be sent freight prepaid with a proof of purchase supporting the warranty claim to Reef Fanatic Inc. Replacement or repair will be at the discretion of Reef Fanatic Inc.
- If you have any further questions, please email us at reef@reeffanatic.com.

Specification

Power supply: 110V AC
 Power consumption: 2 watts
 Output load: Maximum 2A
 Wave mode: 8 modes and 1 night mode
 Night mode: Automatic



Visit us online at www.reeffanatic.com for other quality products.