

**NEW!**



# POWERFUL **ITALIAN** WAVE!

KORALIA 12V LOW VOLTAGE PUMP  
KORALIA WAVEMAKER CONTROL SYSTEMS

**hdor**<sup>®</sup>

**Hydor**

Hydor presents

**PROFESSIONAL MARINE EQUIPMENT**, a new and innovative line designed and developed in Italy. **KORALIA 12V** low voltage pump and **KORALIA WAVEMAKER** control system guarantee safe and easy wave and tidal effects ideal for the wellbeing of marine and reef aquariums.

## WAVEMAKER 2

### LOW VOLTAGE PUMP CONTROLLER

**WAVEMAKER** includes an electronic transformer and a 2 way electronic inverter all in one unit.



#### GREAT FLEXIBILITY

Connect 1 or 2 **KORALIA 12V** low voltage pumps, same or different models.

2 blue LEDs on front panel indicate pump setting and functioning.



#### WAVE OR TIDE EFFECT

**WAVEMAKER 2** can produce a wave effect by setting the timer between 2 and 15 second or a tide effect switching the flow on and off every 1 to 6 hours.

The power of the pumps can be set by operating on the minimum and maximum controls to better suit the needs of the aquarium.



#### SETTING PUMP FUNCTION MODE

**Alternate flow mode** with pumps one at each side of the aquarium, operating on minimum and maximum controls, the flow can have a wave or tide effect, ideal for reef settings.

**Synchronous flow mode** pumps operate simultaneously at minimum or maximum flow and can be set to on/off mode to create strong tidal effects.



#### MANUAL OR AUTOMATIC NIGHT MODE

In this mode, by holding the **SET** button pressed for a few seconds, the pumps can be slowed down to the minimum power setting during the night and turned back to the set speed during the day.

The **Night Mode**, indicated by a red LED, can also be set automatically by using the photo-electric cell (not included, sold separately, (EU code JH1900, USA code JH1901) which detects when the aquarium illumination system is on or off.



#### TECHNICAL DATA

230V-240V ~ 50 Hz

MAX 0,25A

115V ~ 60 Hz

MAX 0,45A

#### FOOD MODE

Easy function to allow feeding of fish and invertebrates in reef aquariums. Just click on the **SET** button and the pumps are slowed down to the minimum power setting for 5 minutes.



# WAVEMAKER 4

## LOW VOLTAGE PUMP CONTROLLER

Look at the effects of 4 pumps working on 4 different programs!



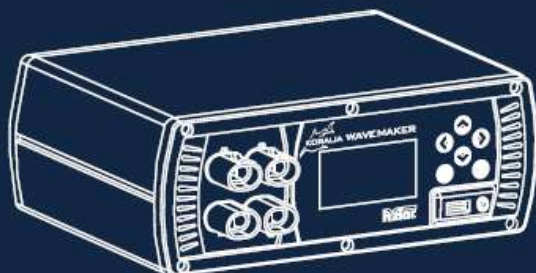
### GREAT FLEXIBILITY

Up to 4 pumps working independently.



### WAVE OR TIDE EFFECT

4 preset programs + infinite custom combinations.



### PERFECT CONTROL

LCD monitor visualizes set programs, functioning pumps and speed.



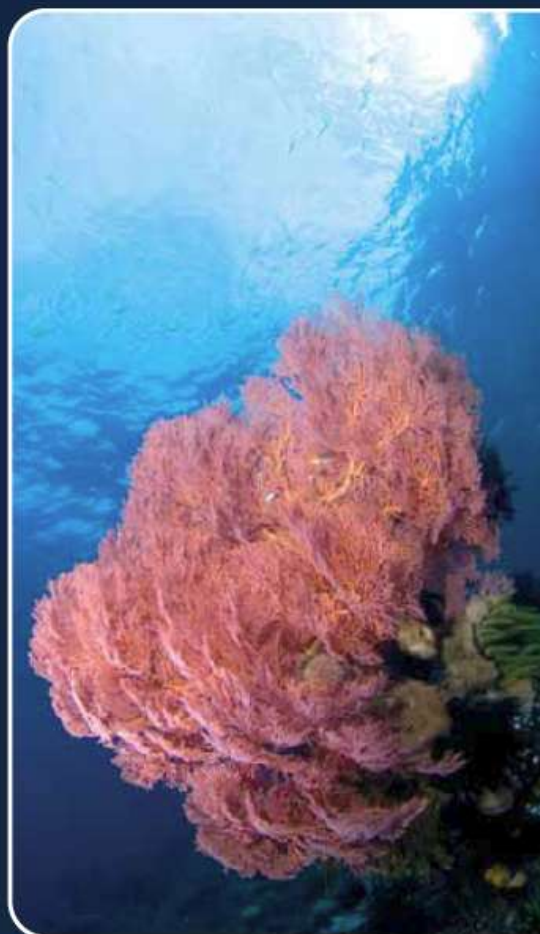
### NIGHT MODE

Programmed or automatic **Night Mode** program with photo sensor (optional).



### FOOD MODE

Easy function to allow feeding of fish and invertebrates in reef aquariums.



### TECHNICAL DATA

220V-240V ~ 50/60 Hz

MAX 0,45A

100-115V ~ 50/60 Hz

MAX 0,8A

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# KORALIA 12V

LOW VOLTAGE CONTROLLABLE PUMPS

KORALIA NANO 12V  
 KORALIA 1 12V  
 KORALIA 2 12V  
 KORALIA 3 12V  
 KORALIA 4 12V

## UNIQUE PATENTED MAGNET + SUCTION CUP SUPPORT

Makes positioning KORALIA easy and safe anywhere in your aquarium.



## ADJUSTABLE FLOW

Rotate the pump as you prefer thanks to the sphere shaped connection and direct the flow to better suit the aquarium needs.



## GENTLE OR POWERFUL FLOW

Wide and gentle or with concentrator nozzle powerful and direct.



## LOW VOLTAGE SAFETY

All models are super safe and are supplied with rubber waterproof cords and connectors to work perfectly with the KORALIA WAVEMAKER control system\*.



\* The Koralia 12V range is specifically designed for use connected to the Hydor Koralia WaveMaker.

## TECHNICAL DATA

MODEL	POWER ABSORBED		FLOW RATE	
	MIN	MAX	MIN	MAX
KORALIA NANO	0,6 W	3,8 W	400 L/H 100 GPH	1000 L/H 260 GPH
KORALIA 1	0,6 W	3,9 W	680 L/H 180 GPH	1700 L/H 450 GPH
KORALIA 2	1,6 W	9,2 W	1000 L/H 260 GPH	2600 L/H 680 GPH
KORALIA 3	1,6 W	10 W	1400 L/H 370 GPH	3500 L/H 950 GPH
KORALIA 4	2,3 W	13,7 W	2000 L/H 550 GPH	5200 L/H 1400 GPH

## COMPLETE RANGE

5 models from NANO to KORALIA 12V 4.

**Propeller shaped rotor** for super performance from 1000 to 5200 litres (260 to 1400 gal).

**Very low power consumption** from 0,6 to 13,7 W.

**Hydor**

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