

Orphek Atlantik Manual



Contents

1. General Introduction.....	3
1.1 Overview.....	3
1.1.1 Illumination 1.....	3
1.1.2 Illumination 2.....	4
1.1.3 Illumination 3.....	4
1.1.4 Illumination 4.....	5
1.2 Example of Program.....	5
1.3 Highlights.....	6
2. Technical Specifications	6
2.1 LED Housing.....	6
2.2 Power Box.....	6
2.3 Cables.....	6
2.4 Suspension Kits.....	6
2.5 Electrical.....	6
2.6 LEDs.....	6
2.7 LED Make up.....	6
3. Menu Structure.....	7
4. Opertating Manual.....	8
English Version.....	8
Italian Version.....	11
German Version.....	14
Hebrew Version.....	17

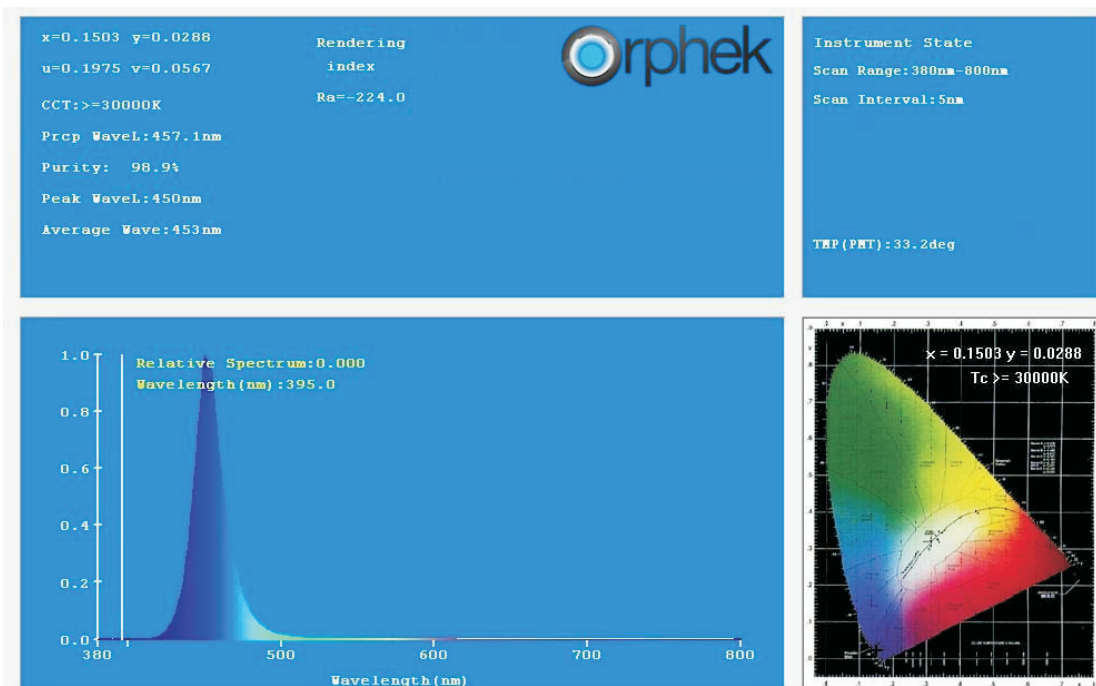
Orphek is proud to announce their new flagship LED pendant, the Atlantik. The Atlantik LED Pendant design goals were:

- Provide a model for aquariums less than 36 inches and over 36 inches in depth.
- Provide wider coverage than the PR156, our previous flagship model. Two more rows of LEDs were added to increase coverage. Light output is 50% more than the PR156.
- Modular in design so all components can be easily replaced by the user.
- High PAR/PUR for deep aquariums.
- High efficiency LED drivers.
- No Atlantik will ever be obsolete.
- Sunrise to sunset, dawn / dusk simulator.
- Full dimming capabilities.
- Ability to store three different lighting programs.
- Four independent channels of lighting with unlimited control for each channel.
- Full color control over all LED channels.
- Mimic metal halide and T5 lighting or a combination of both.
- High performance enhancement and longevity.
- Eliminate the need for digital lighting controllers.
- Orphek can provide custom LEDs for each channel of lighting if desired

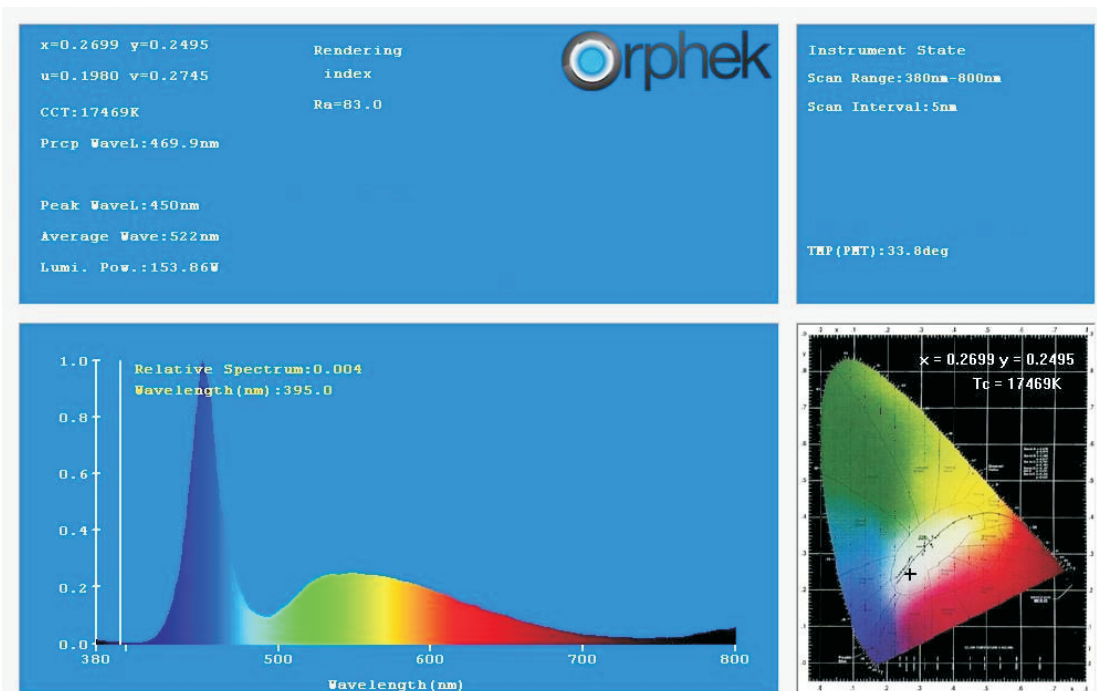
The Atlantik's LED make-up includes four high range UV and four of our new wide spectrum red LEDs for improved color and fluorescence of your corals. Our newly developed Orphek proprietary white high Kelvin LEDs are used exclusively. A two part mix of blue provides a moonlight effect for night time viewing as well as providing the needed 400-460nm spectrum. Moonlight is a reflection of the sun's rays off the moon and is a natural occurrence over the reefs. A total of 78, three watt LEDs are used and all run at 700mA to extend the life of the diodes. Four whisper quiet cooling fans are mounted in the chassis which keep all electronics at safe operating temperatures.

The Atlantik is a four channel, six driver system whereby each channel controls a particular color range of LEDs. The channels are labeled as Illumination 1, 2, 3, and 4. Each channel can be independently controlled by both time and intensity allowing unlimited programming possibilities. Incorrect color spectrums can have adverse effects on corals so Orphek ensured that each channel's color spectrum would not adversely affect corals should an improper color combination be chosen.

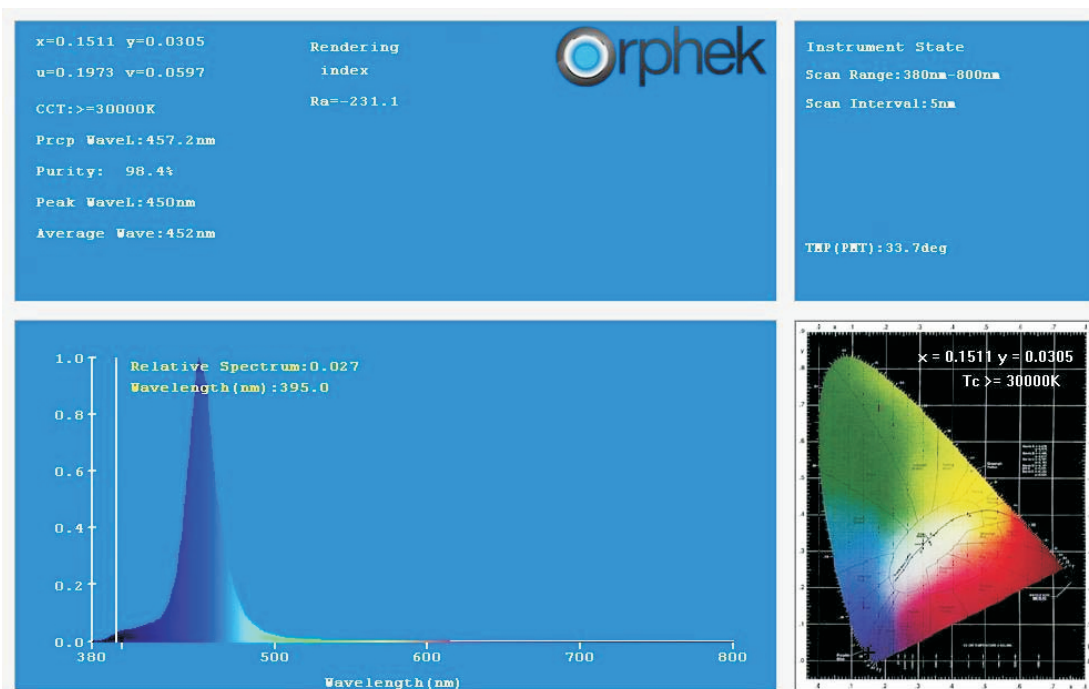
Illumination 1 - 24 blue LEDs (460nm) dimmable from 1% to 100% simulating T5 actinic lamps.



Illumination 2 - 28 full spectrum high Kelvin white LEDs ((17,500 Kelvin) dimmable from 1% to 100%. Metal halide can be simulated by mixing channel 1 and 2. Kelvin temperature appearance can be set by increasing or decreasing the blue LEDs in channel 1.

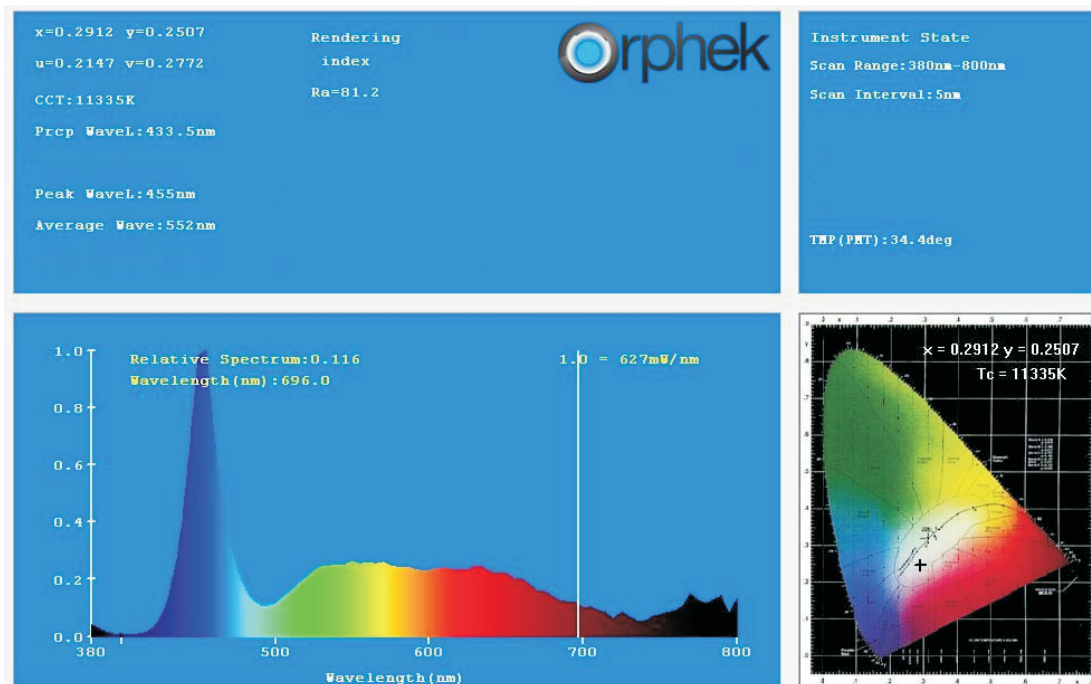


Illumination 3 – 8 blue (460nm) and 4 UV leds (410nm) are dimmable from 1% to 100% and act as moonlights.



Orphek's UV LEDs (410nm) are safe for both the eyes and skin in humans.

Illumination 4 – 10 white (12,000 Kelvin) and 4 red LEDs dimmable from 1% to 100%, this adds more warmth to the color of the aquarium. With the combination of moonlights this can simulate a red or harvest moon.



Orphek can provide custom LEDs for each channel of lighting if desired. Green LEDs are not used in the Atlantik as this spectrum (525-620nm) can increase Cyanobacteria growth. Our red LEDs are kept to a minimum as this spectrum (665-680nm) can increase nuisance algae growth if enough intensity is present.

An automatic timing feature is available as well. The programming is performed with the included controller and once programmed, can be uploaded to the Atlantik Pendant via USB cable which plugs into a USB port located on top of the pendant. A PC can also be used to perform this task and software is included. If multiple pendants are used, only one controller is needed. Each channel is independently powered by its own LED driver. Any new software updates are available for downloading on our web site to ensure that your Atlantik is never outdated.

An example of a typical program is shown below.

0700 – Turn on moonlights at 10%
 0700-0800 – Ramp up intensity of moonlights from 10% to 100%
 0800 – Turn on white, red, and UV LEDs at 10% intensity
 0800-0900 – Ramp up white, red, and UV LEDs from 10% to 80%
 0900-1800 – All LEDs on at 80% (or whatever intensity you desire)
 1800-1900 – Ramp down white, red, and UV LEDs from 80% to 0%
 1900-2000 – Ramp down moonlights from 100% to 0% (or whatever night time intensity is desired).

Individual channels can all have different intensity levels as well as program times.

The chassis is constructed of all aluminum and acrylic, much like our PR156 but larger in length and width. All hardware used is of high grade stainless steel and will not rust and a suspension kit is included with each unit.

The Atlantik is available in two models. Our standard model is designed for aquariums over 36 inches deep while the wide model provides more coverage for shallower tanks and/or frag tanks 36 inches or less in depth. The LED make-up is identical for both models.

Highlights

- Designed specifically for the needs of photosynthetic marine invertebrates.
- High PAR/PUR for deep aquariums.
- Easily replaces energy wasting 250-400 watt metal halide or HQI lamps.
- Advanced optical technology to reduce water surface refraction and reflection.
- Plug and play technology allows replacement of components very easily with no stress or damage to the unit.
- The spectrum of our LEDs helps control nuisance algae.
- Controller is included, no need to buy a digital controller. The controller can store up to three different programs to simulate sunrise to sunset effects.
- Full dimming capabilities on all four channels.
- Sleek modern design is offered in a white housing.
- Moisture proof design protects electronics.
- Reduces up to 50% of energy consumption.
- Low noise fans.
- Environmentally friendly.
- Highest PAR per watt available.
- Orphek can provide custom LEDs for each channel of lighting if desired
- Mean well driver

Specifications

LED Housing

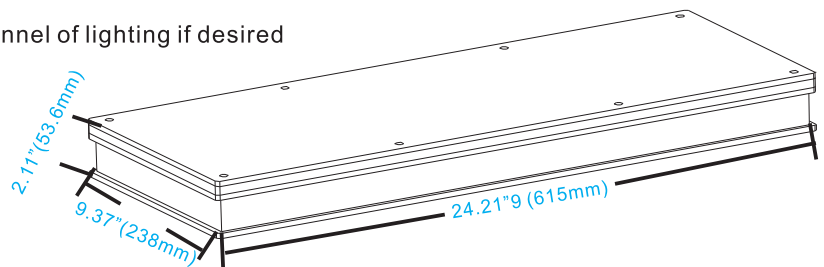
Length: 24.21" (615mm)

Width: 9.37" (238mm)

Height: 2.11" (53.6mm). Atlantik Wide housing is 1.77" (45.1mm)

Weight (Standard model): 15.9 lbs (7.6 kg)

Weight (Wide model): 10.12 lbs (4.9 kg)



Power box

Weight: 3.97 lbs (1.02 kg)

Cables

USB cable

Power cable: 70.86 (1.8 m)

Extension cables available at an additional cost.

Suspension Kit

2 steel cables: 9.84" (250 mm)

1 steel cable: 70.86" (1.8 m)

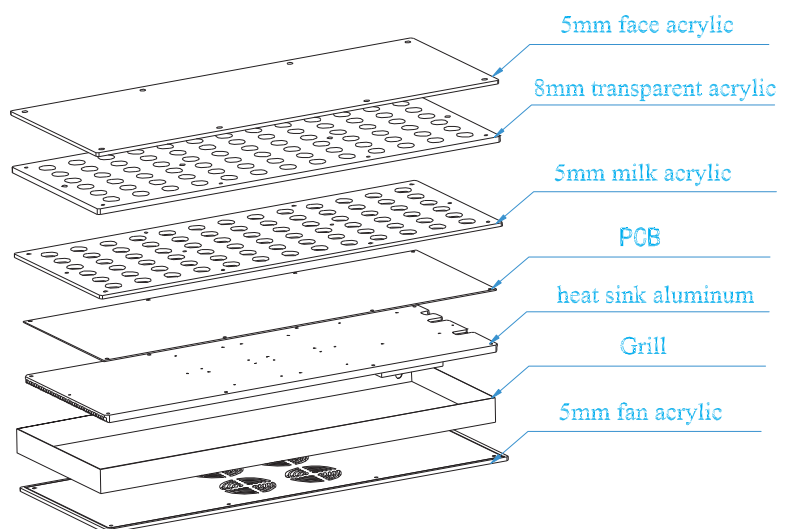
Electrical

Input voltage: AC – 85-120 volts / 200-264 volts

Frequency: 50/60 Hz

Power consumption: 180-186

Electrical outlet: Region appropriate



LEDs

78 LEDs per unit

Wattage of each LED: 3 watts but driven at ~2,4 watts (700mA)

LED Make up

28 – 17,500K white

10 – 12,000K white

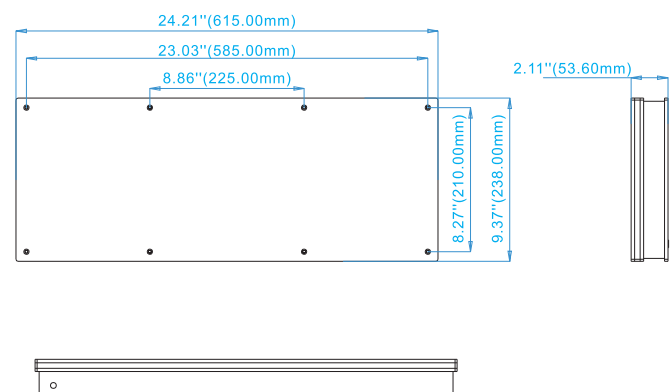
24 – 460nm blue

8 – 450 nm blue

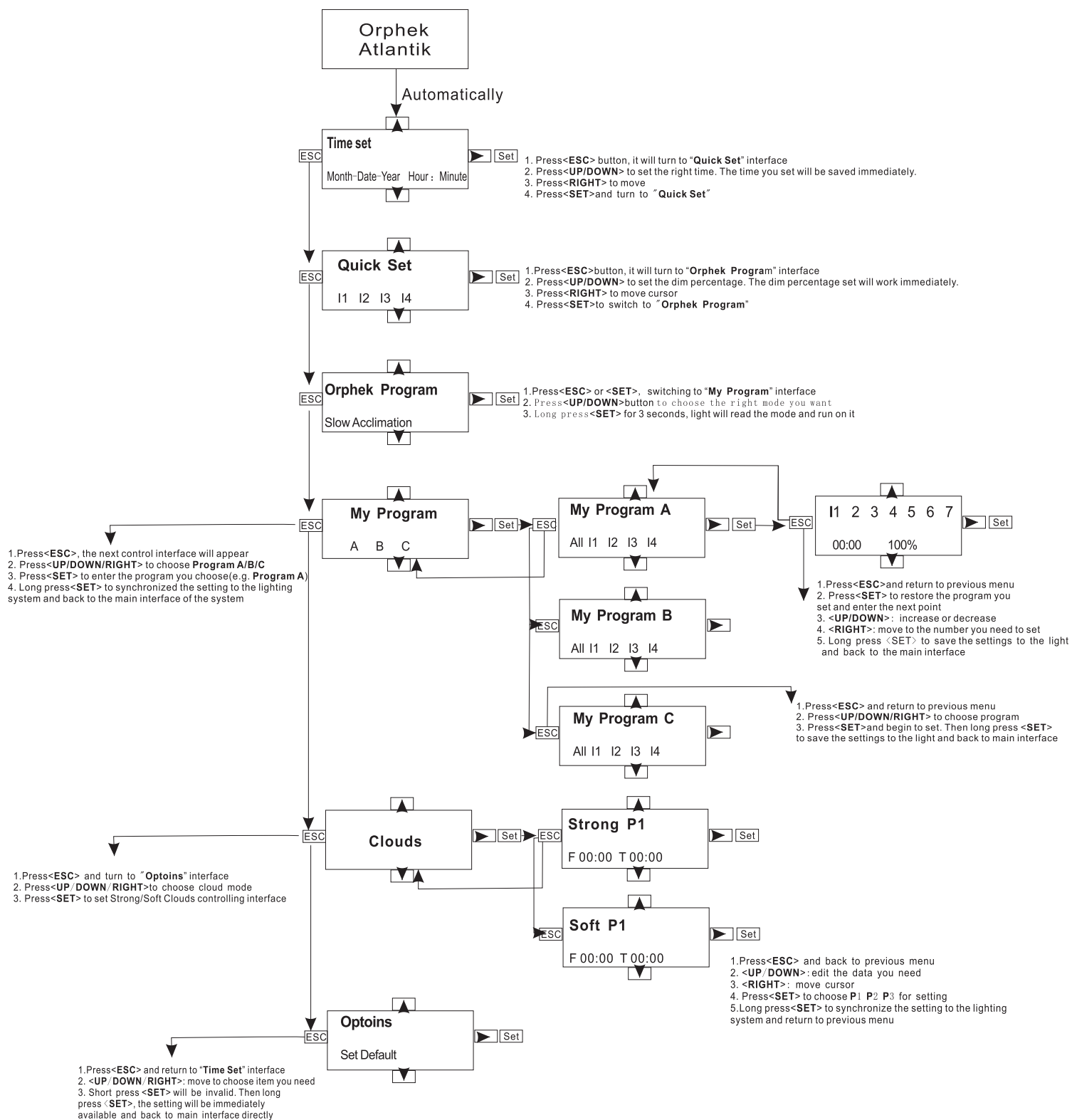
4 – Orphek special High range red

4 – High range 380-430nm UV

Orphek can provide custom LEDs for each channel of lighting if desired



Menu Structure



Contents:

— Time Set	—Coral Color + Growth	— Clouds
— Quick Set (Manual Mode)	—Coral Fragging	—Strong Clouds
I1 I2 I3 I4	—Retailer Showroom	—Soft Clouds
— Orphek Programs	—LPS + Soft Corals	— Options
—Slow Acclimation	— My Program	—Restore Default
—Increased Coral Growth	—My Program A	—Clear Programs
—Coral Color	—My Program B	—Clear Cloud Programs
—Maintaining Fast Growth	—My Program C	—Serial Number

Operation Manual

Operation Manual

Before you start to program your Atlantik unit, please make sure that the light unit is firmly connected to the serial port on top of your controller with the supplied cable.

1. After you apply power to the controller, the LCD screen displays “**Orphek Atlantik**” and then changes to the “**Time Set**” screen automatically. Please press <**UP/DOWN/RIGHT**> to set the right time, the time you set will be saved. When you complete setting the time, press <**SET**> button to display the next menu “**Quick Set**”.

Pressing the <**SET**> button for 3 seconds will allow you to view the working condition of the light: program currently running, time, temperature of LED light housing, and the stored dimming percentage on all 4 channels of light.

Orphek[®]
Atlantik[®]

Time Set[®]
Month-Date-Year Hour:Minute[®]

Working Status:

13:43 10-17 30°C[®]
60% 40% 80% 60%[®]

Slow Acclimation[®]
60% 40% 80% 60%[®]

2. Once you complete the time setting the LCD screen will turn to “**Quick Set**”, now you can do a quick manual setting for the light. Press <**UP/DOWN**> button to set the dimming percentage. The dimming percentage you set for each channel will take effect immediately on the light.

Quick Set[®]
00% 00% 00% 00%[®]

3. After you have experienced a manual quick setting pressing <**SET**>/<**ESC**> button will bring you to the “**Orphek Program**” controlling interface. Press <**UP/DOWN/RIGHT**> button to select the desired program for your aquatic life. There are eight modes for you to choose from: **Slow Acclimation**, **Increased Coral Growth**, **Coral Color**, **Maintaining Fast Growth**, **Coral Color + Growth**, **Coral Fragging**, **Retailer Showroom**, and **LPS + Soft Corals**. Choose the item you want and press and hold the <**SET**> button for about 3 seconds, the light will read the mode selected and the program you choose will be operational.

Orphek Programs
Slow Acclimation

Orphek Programs
Increased Coral Growth

Orphek Programs
Coral Color

Orphek Programs
Maintaining Fast Growth

Orphek Programs
Coral Color + Growth

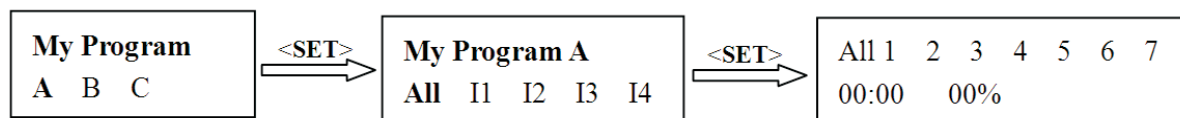
Orphek Programs
Coral Fragging

Orphek Programs
Retailer Showroom

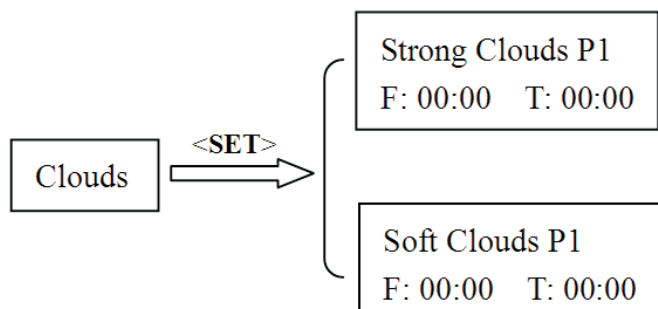
Orphek Programs
LPS + Soft Corals

4. Once the “**Orphek Program**” setting is done, you can press **<SET>/<ESC>** button to switch to the next control menu which is “**My Program**”. Press **<UP/DOWN/RIGHT>** to locate your choice of (**Program A/B/C**) that you want to set and press **<SET>** button to enter setting interface. There are a total of 7 different time points that you can set the intensity of the light for. The intensity of light could be set as your requirement from 0% to 100%. Use the **<UP/DOWN>** button to edit the data and **<RIGHT>** button to move cursor to choose the item you wish to modify. Short press the **<SET>** button to store the program you set and then turn to the next point. Pressing the **<SET>** button for three seconds saves the data that you set and will be saved to the processor and return to the main control interface.

Remark: Dim settings from 22:00 to 05:00 is not recommended.



5. **Cloud Setting:** Press **<UP/DOWN/RIGHT>** button to choose a mode (**Strong/ Soft Clouds**) and press **<SET>** button to enter the time period setting you desire to use. When you complete the setting, press the **<SET>** button for three seconds to synchronize your settings to you Atlantik unit and return to the previous menu.



1.Options: Under this menu you can check the serial number of your light. Please use <UP/DOWN/RIGHT>button to choose” **Serial Number**”, and press the <SET> button. The serial number of your light will then be shown on the display screen. When you ask Orphek repair center or any other after-sale service, please include the serial number to us so we can identify your product and the date on which it was made.

Restore Default: Choosing this item and pressing the <SET> button for three seconds will return the lighting system back the factory default setting.

Clear Programs/Clouds: Pressing the <SET> button for three seconds will clear any programs or cloud settings you previously set before. Once this has been completed, a new program will have to be chosen or entered in the controller in order for the Atlantik to operate.

Serial Number: Pressing the <SET> button will display the serial number of your Atlantik unit.

Notes:

1. If you momentarily press the <SET> button when you make the settings above will render it to be invalid. The <SET> button must be depressed for three seconds.
2. Once the control system is locked, pressing the <ESC>/<SET> button together will unlock the system.

Contenuti:

--Regolazione ora

--Regolazione veloce (Modalità manuale)

I1 I2 I3 I4

--Programmi Orphek

- Ambientamento graduale
- Aumento crescita coralli
- Colorazione coralli
- Mantenimento crescita veloce

-Colorazione coralli + crescita

- Talee
- Negozio
- LPS + Coralli molli

--I miei programmi

- My Program A
- My Program B
- My Program C

--Nuvolosità

- Nuvolosità intensa
- Variabile

--Opzioni

- Ripristina default
- Azzera programmi
- Azzera programmi nuvolosità
- Numero seriale

Manuale Operativo

Prima di iniziare a programmare la tua Altantik, assicurati che la plafoniera sia ben collegata al suo controller attraverso il cavo seriale fornito.

1. Dopo avere acceso il controller, lo schermo LCD mostra la scritta Orphek Atlantik e subito dopo cambia automaticamente in "Time Set". A questo punto premi <UP/DOWN/RIGHT> per impostare l'orario corretto, e questo verrà salvato. Quando hai completato l'impostazione dell'orario, premi il pulsante <SET> per passare al menu successivo "Quick Set".

Premendo il pulsante <SET> per tre secondi, verrà visualizzato lo stato di funzionamento della plafoniera: il programma attualmente in uso, l'ora, la temperatura della plafoniera e la percentuale di dimmerazione di tutti i Quattro canali di luce.

Orphek
Atlantik

Time Set

Mese-Data-Anno

Ora:Minuti

Modalità di funzionamento:

13:43 10-17 30°C

60% 40% 80% 60%

Ambientamento graduale

60% 40% 80% 60%

2. Una volta completata la programmazione dell'orario, lo schermo LCD tornerà su "Quick Set", ora da qui si potrà effettuare una impostazione manuale veloce della plafoniera. Premi il pulsante <UP/DOWN> per regolare la percentuale di dimmerazione. La percentuale di dimmerazione che imposterai per ogni canale verrà applicata all'istante.

Regolazione veloce

00% 00% 00% 00%

2. Dopo avere provato la programmazione veloce, premendo il pulsante **<SET>/<ESC>** ti condurrà alla schermata **“Orphek Program”**. Premi il pulsante **<UP/DOWN/RIGHT>** per selezionare il programma desiderato per i tuoi animali acquatici. Ci sono otto modalità tra le quali scegliere: **Ambientamento graduale, Aumento crescita coralli, Colorazione coralli, Mantenimento crescita veloce, Colorazione + crescita, Talee, Negozio, LPS + Coralli molli**. Scegli la modalità che preferisci e poi tieni premuto il tasto **<SET>** per tre secondi, la plafoniera leggerà la modalità selezionata ed il programma diventerà operativo.

Orphek Programs

Ambientamento graduale

Orphek Programs

Aumento crescita coralli

Orphek Programs

Colorazione coralli

Orphek Programs

Mantenimento crescita veloce

Orphek Programs

Colorazione coralli+crescita

Orphek Programs

Talee

Orphek Programs

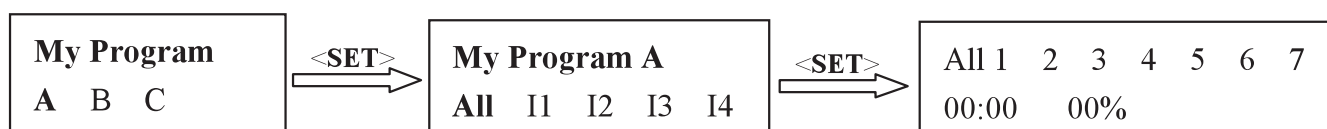
Negozio

Orphek Programs

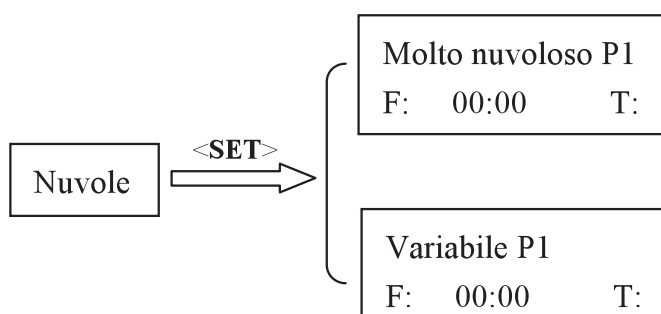
LPS + Coralli molli

4. Una volta che **“Orphek Program”** è sistemato, puoi premere il pulsante **<SET>/<ESC>** per passare al prossimo menu che è **“My Program”**. Premi **<UP/DOWN/RIGHT>** per fare la tua scelta tra **(Program A/B/C)**, una volta scelto, premi il pulsante **<SET>** per rendere operativo il tutto. Ci sono un totale di 7 punti orari che si possono programmare per impostare l'intensità della luce. L'intensità della luce può essere programmata da 0% to 100%. Utilizza il pulsante **<UP/DOWN>** per digitare i dati ed il pulsante **<RIGHT>** per muovere il cursore da un oggetto all'altro. Premi rapidamente il pulsante **<SET>** per memorizzare il programma che hai impostato e poi passa al prossimo punto. Premendo il pulsante **<SET>** per tre secondi si salvano i dati che si sono impostati che verranno salvati dal processore ed inviata all'interfaccia di controllo.

Importante: Si sconsiglia di utilizzare la dimmerazione tra le 22:00 e le 05:00



5. Impostazione nuvolosità: Premi il pulsante <UP/DOWN/RIGHT> per selezionare la modalità (**Strong/ Soft Clouds**) e poi premi il pulsante <SET> per inserire l'impostazione temporale preferita. Quando si completa la regolazione premere il pulsante <SET> per tre secondi al fine di sincronizzare le regolazioni con la plafoniera e poi ritornare al menu precedente.



6. Opzioni: Attraverso questo menu si può controllare il numero seriale della propria plafoniera. Utilizzare il pulsante <UP/DOWN/RIGHT> per selezionare " **Serial Number**", e premere il pulsante <SET> . Il numero seriale della tua plafoniera verrà visualizzato sullo schermo. Nel caso di riparazioni o ricambi per la tua plafoniera, ti invitiamo a fornire sempre il numero seriale del prodotto.

Ripristino impostazione default: Scegliere la voce corrispondente e premere il pulsante <SET> per tre secondi, riporterà la plafoniera alle impostazioni di fabbrica.

Cancellazione programmi nuvolosità: Premendo il tasto <SET> per tre secondi cancellerà tutti i programmi impostati precedentemente. Una volta completata

l'operazione, si dovrà impostare un nuovo programma per far funzionare Atlantik.

Serial Number: Premendo il pulsante <SET> per tre secondi verrà visualizzato il numero seriale.

Note:

1. Se si preme il tasto <SET> troppo velocemente si rende impossibile la programmazione. Bisogna quindi attendere tre secondi senza premere il medesimo tasto <SET>.

2. OUna volta che il sistema è bloccato, si devono premere i tasti <ESC>/<SET> assieme per sbloccarlo.

Inhalt:

--Zeiteinstellung

--Quick Set (manuelle Einstellung)

I1 I2 I3 I4

--Orphek Programme

- langsame Eingewöhnungsphase
- beschleunigtes Korallenwachstum
- erhöhte Farbausbildung
- dauerhaft erhöhtes Wachstum
- Korallenwachstum + Farboptimierung
- Korallenzucht
- Ausstellungsbecken, Händlerbecken
- LPS und Weichkorallen

--Mein Programm

- Programm A
- Programm B
- Programm C

--Wolken

- starke Wolkensimulation
- leichte Wolkensimulation

--Optionen

- auf Werkseinstellung zurücksetzen
- Programme zurücksetzen
- Wolkensimulation zurücksetzen
- Seriennummer

Manuelle Einstellung

Bevor Sie die Atlantik einschalten, stellen Sie bitte sicher, dass der Controller und das Modul mit dem mitgeliefertem USB-Kabel richtig verbunden sind.

1. Nach dem Einschalten des Controllers zeigt das Display "**Orphek Atlantik**" und wechselt dann automatisch in den Modus "**Time Set**". Bitte stellen Sie mit Hilfe der Tasten **<UP/DOWN/RIGHT >** die genaue Uhrzeit ein. Diese wird danach automatisch gespeichert. Nachdem Sie die Uhrzeit eingestellt haben, drücken Sie bitte die Taste **<SET>** und im Display erscheint die Anzeige "**Quick Set**".

Halten Sie nun die Taste **<SET>** für 3 Sekunden und Sie können den Betriebszustand Ihrer Orphek Atlantik sehen: eingestelltes Programm, Zeit, Temperatur des Moduls, Prozentleistung bzw. Status der 4 Dimmkanäle.

**Orphek
Atlantik**

Zeiteinstellung
Monat-Tag-Jahr Stunde:Minute

Betriebsstatus:

13:43 10-17 30°C
60% 40% 80% 60%

Slow Acclimation
60% 40% 80% 60%

2. Nachdem die Zeiteinstellung abgeschlossen ist, können Sie im Menü **“Quick Set”** schnell und manuell die einzelnen Dimmkänale steuern. Drücken Sie dafür die Tasten **<UP/DOWN>** um die jeweiligen Dimmkänäle hoch bzw. runter zu regeln.

Quick Set			
00%	00%	00%	00%

2. Nun haben Sie sich bereits mit der „manuellen Einstellung“ vertraut gemacht. Die Tastenkombination **<SET>/<ESC>** führt Sie zur Einstellung **“Orphek Programm”**. Drücken Sie nun **<UP/DOWN/RIGHT>** um zwischen diesen vorinstallierten Programmen zu wählen: **langsame Eingewöhnungsphase** (Slow Acclimation), **beschleunigtes Korallenwachstum** (Increased Coral Growth), **erhöhte Farbausbildung** (Coral Color), **dauerhaft erhöhtes Wachstum** (Maintaining Fast Growth), **Wachstum und Farboptimierung** (Coral Color + Growth), **Korallenzucht** (Coral Fragging), **Ausstellungsbecken- Händlerbecken** (Retailer Showroom) und **Mischbecken LPS+Weichkorallen** (LPS + Soft Corals). Wählen Sie zwischen einer dieser Einstellungen und halten Sie die Taste **<SET>** für 3 Sekunden, um den gewünschten Modus zu speichern.

Orphek Programm Slow Acclimation
--

Orphek Programm Increased Coral Growth
--

Orphek Programm Coral Color

Orphek Programm Maintaining Fast Growth

Orphek Programm Coral Color + Growth
--

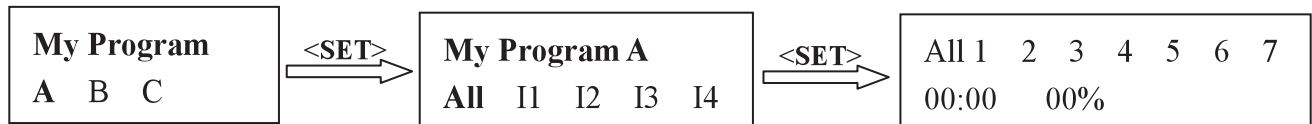
Orphek Programm Coral Fragging
--

Orphek Programm Retailer Showroom

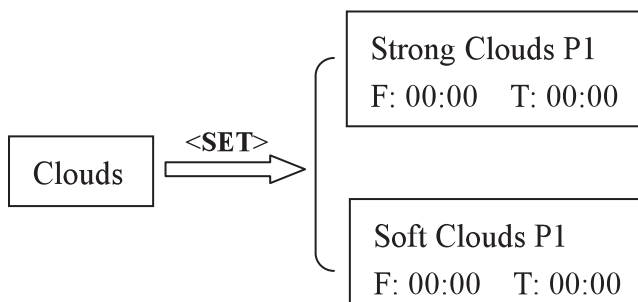
Orphek Programm LPS + Soft Corals

4. Sobald Sie die Einstellung **“Orphek Programm”** abgeschlossen haben können Sie durch drücken der Kombination **<SET>/<ESC>** in das Menü **“My Program”** wechseln. Drücken Sie **<UP/DOWN/RIGHT>** um zwischen den **Programmen A/B/C** zu wählen. Mit der Taste **<SET>** öffnen Sie Ihr gewähltes Programm. Dort können Sie insgesamt 7 verschiedene Zeitpunkte, für die Intensität des Lichts festlegen. Die Lichtintensität kann zwischen 0% und 100% eingestellt werden. Dafür verwenden Sie die Tasten **<UP/DOWN>**. Mit der Taste **<RIGHT>** gelangen Sie zum nächsten Untermenü. Durch kurzes Drücken der Taste **<SET>** wechseln Sie zum nächsten Menüpunkt. Um Ihre Einstellungen zu speichern halten Sie die Taste **<SET>** für 3 Sekunden gedrückt.

Anmerkung: Bitte schalten Sie in Ruhephase (Nacht) alle Dimmkanäle der Lampe aus.



Wolkensimulation: Drücken Sie die Tastenkombination **<UP/DOWN/RIGHT>** um die gewünschte Wolkensimulation (**Strong/ Soft Clouds**) festzulegen. Mit der Taste **<SET>** wechseln Sie zur Zeiteinstellung der Simulation. Wenn Sie die Einstellung festgelegt haben, halten Sie die Taste **<SET>** für 3 Sekunden um die Einstellung zu speichern.



5. Optionen: Unter diesem Menüpunkt können Sie die Seriennummer Ihres Systems einsehen. Drücken Sie die Tasten **<UP/DOWN/RIGHT>**, wählen Sie **Serial Number** und drücken die Taste **<SET>**. Die Seriennummer wird nun im Display angezeigt. Bei Fragen an das Orphek Service-Center wird die Seriennummer zur Identifikation Ihres Systems benötigt.

Werkseinstellung: Wählen Sie diese Einstellung und drücken die Taste **<SET>** für 3 Sekunden um Ihr System auf die Werkseinstellung zurück zusetzen.

Programme/Wolkensimulation zurück setzen: Halten Sie die Taste **<SET>** für 3 Sekunden um alle Programme und die Wolkensimulation zurück zusetzen. Bitte wählen Sie danach ein neues Programm aus, um die Atlantik wieder in Betrieb nehmen zu können.

Anmerkung:

- zum Abspeichern muss die Taste **<SET>** immer 3 Sekunden gedrückt werden!
- Sobald die Steuerung gesperrt ist, wird durch Drücken der Tasten **<ESC>** / **<SET>** das System entsperrt
- außerhalb des Menüs können Sie durch Halten (3 Sekunden) der Taste **<SET>** die Seriennummer anzeigen lassen

תיכון העניינים:

- קביעת תאריך ושעון
- תפעול מהיר (ידני) – תוכניות 4/3/2/1
- תוכניות חברת אורפק:
 - איקלום איטי
 - זירוז גדילת אלמוגים
 - צבעי האלמוגים
 - שמירה על קצב גדילת אלמוגים מהיר
 - צבעי האלמוגים + גדילה
 - תוכנית גידול פראגים
 - תצוגת מפיצים
 - אלמוגים רכים ואלמוגי LPS
- התוכנית שלי:
 - תוכנית א'
 - תוכנית ב'
 - תוכנית ג'
- עננות:
 - עננות כבדה
 - עננות קלה
- אפשרויות:
 - שחזור ברירת מחדל
 - מחיקת תוכניות
 - מחיקת תוכניות עננות
 - מספר סידורי

הוראות תפעול

לפני התחלת התכנות בדוק וודא שגוף התאורה אטלנטיק מחובר היטב לבקר באמצעות הכבל המסופק.

1. לאחר החיבור לחשמל יופיע על הצג הכיתוב **"Orphek Atlantik"** ולאחריו ישתנה ל **"Time Set"**. לחץ על **<UP/DOWN/RIGHT>** וכוון את הזמן. הזמן יישמר בזכרון. לאחר שסיימת לחץ על **<SET>** כדי לעבור לתפריט הבא **"Quick Set"**.

לחיצה על **<SET>** למשך 3 שניות תאפשר לך לראות את מצב העבודה של יחידת התאורה: התוכנית הנוכחית, זמן, הטמפרטורה ביחידת התאורה ואחוזי העמעום של כל ארבעת ערוצי התאורה.

**Orphek
Atlantik**

Time Set
Month-Date-Year Hour:Minute

מצב העבודה:

13:43 10-17 30°C
60% 40% 80% 60%

Slow Acclimation
60% 40% 80% 60%

2. עם השלמת כיוון הזמן יעבור המסך למצב **"Quick Set"**. במצב זה תוכל לבצע תכנות מהיר למצב ידני של התאורה. לחץ **<UP/DOWN>** כדי לכוון את אחוזי העמעום. הכיוון יופעל מיידית בגוף התאורה.

Quick Set

00% 00% 00% 00%

3. לאחר שהתנסית בכיוון התוכנית הידנית תוכל לעבור ל **"Orphek Program"** ע"י לחיצה על **<SET>/<ESC>**. לחץ על **<UP/DOWN/RIGHT>** ובחר את התוכנית הרצויה. יש שמונה תוכניות לבחירה: איקלום איטי, זירוז גדילת אלמוגים, צבעי אלמוגים, שמירה על קצב גדילת אלמוגים מהיר, צבעי האלמוגים + גדילה, תוכנית גידול פראגים, תצוגת מפיצים, אלמוגים רכים ואלמוגי LPS. בחר את התוכנית הרצויה ולחץ על **<SET>** למשך 3 שניות. הבקר יקלוט את התוכנית שנבחרה ויפעיל אותה.

Orphek Programs
Slow Acclimation

Orphek Programs
Increased Coral Growth

Orphek Programs
Coral Color

Orphek Programs
Maintaining Fast Growth

Orphek Programs
Coral Color + Growth

Orphek Programs
Coral Fragging

Orphek Programs
Retailer Showroom

Orphek Programs
LPS + Soft Corals

4. כאשר **"Orphek Program"** בוצעה, תוכל לעבור לתוכנית הבאה **"My Program"** ע"י לחיצה על **<SET>/<ESC>**. לחץ על **<UP/DOWN/RIGHT>** כדי לבחור את אחת התוכניות (א', ב' או ג') שתמצא ולחץ על **<SET>** כדי להיכנס למצב התכנות. יש שבע נקודות זמן שבהן אפשר לתכנת את עוצמת האור. עוצמת האור יכולה להיות בין 0% ל-100%. לחץ **<UP/DOWN>** כדי לערוך את הנתונים ועל **<RIGHT>** כדי להעביר את הסמן למיקום הבדרש. לחץ לחיצה קצרה על **<SET>** כדי לשמור את התוכנית ואז תוכל לעבור לתוכנית הבאה. לחיצה של 3 שניות על **<SET>** תשמור את התוכנית בבקר ותעבור למסך השליטה הראשי. הערה: תכנות עמעום לשעות 22:00 עד 05:00 אינה מומלצת.

My Program
A B C

<SET>

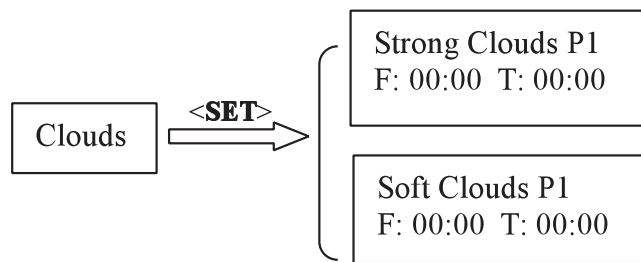
My Program A
All I1 I2 I3 I4

<SET>

All 1 2 3 4 5 6 7
00:00 00%

5. תכנות מצב עננות:

לחץ על **<UP/DOWN/RIGHT>** כדי לבחור את אחת התוכניות (עננות כבדה / עננות קלה) ואז על **<SET>** כדי להיכנס לקביעת משך זמן העננות. עם השלמת התכנות לחץ על **<SET>** למשך 3 שניות כדי לבצע התאמה עם יחידת האטלנטיק וחזרה לתפריט הקודם.



6. אפשרויות: תחת מצב זה תוכל לבדוק את המספר הסידורי של יחידת התאורה שקיבלת. לחץ על **<UP/DOWN/RIGHT>** ובחר **"Serial Number"** ואז לחץ על **<SET>**. במצב זה תוכל לראות את המספר הסידורי על גבי הצג. במידה והינך פונה לחברת אורפק או נציג שירות, כלול בפניה את המספר הסידורי של יחידת התאורה שלך כדי שנוכל לזהות את מועד הייצור שלה.

שחזור ברירת מחדל: בחירת אופציה זאת ולחיצה על **<SET>** למשך 3 שניות תחזיר את מצב התכנות לברירת המחדל של הייצור.

ביטול תוכניות / עננות: בחירת אופציה זאת ולחיצה על **<SET>** למשך 3 שניות תמחק כל תוכנית או תוכנית עננות שנבחרה קודם. במידה ובוצע ביטול תוכנית קיימת יש לתכנת מחדש על מנת שיחידת התאורה תעבוד.

מספר סידורי: בחירת אופציה זאת ולחיצה על **<SET>** למשך 3 שניות תציג את המספר הסידורי של יחידת תאורת האטלנטיק שברשותך.

הערות:

1. אם לחצת לחיצה קצרה על **<SET>** באחת האפשרויות בסעיף 6, האפשרות לא תתקיים. יש ללחוץ על **<SET>** למשך 3 שניות כדי לבצע.
2. אם מערכת הבקרה בעולה, יש ללחוץ בו זמנית על **<ESC>/<SET>** כדי לשחרר הנעילה.