



REEFKEEPER SETUP INSTRUCTIONS FOR DAVY JONES' SKIMMATE LOCKER

1. Connect the switch from your Davy Jones' Skimmate locker to your RKL-SW1, RKL-SW2 or SW5 and note which connection you are using (Switch A, Switch B, etc)

Programming through the Display:

Alarm Method:

Set up your Alarm:

1. Press the [MENU] button
2. Using the [▲] and [▼] buttons navigate to "ALARMS" and press the [ENTER] Button
3. Using the [▲] and [▼] buttons select the Alarm you wish to use and (it will be flashing) and press the [ENTER] button (for this example we will use ALARM 2)
4. Using the [▲] and [▼] buttons you can select what actions you want to occur when the switch is tripped (F = Flash, B=Beep, E=eMail) . The [ENTER] button allows you to progress between the three columns, and **BACK** will let you go back to the previous column. (for this example we will leave all these disabled, so we will just press [ENTER] 3 times, although this method allows for sending an email when the locker is full- Handy!)
5. You will Now be asked to select the Device used to trigger this alarm, select the switch you chose at the beginning of these instructions using the [▲] and [▼] buttons, then press [ENTER].
6. It will now ask you when you want the Alarm to trip, Since the Davy Jones' Locker switch is a NC switch we will leave it as "Open" and press the [ENTER] key
7. Press the [ENTER] button once more to save your Alarm

Configure your Skimmer outlet:

1. **Press the MENU button**
2. **Using the [▲] and [▼] buttons navigate to Modules and press the [ENTER] Button**
3. **Using the [▲] and [▼] buttons Select the PC4 that your Skimmer is plugged into and press the [ENTER] button**
4. **Using the [▲] and [▼] buttons Select the channel that your Skimmer is plugged into and press the [ENTER] button**

5. **Mode should be highlighted, press the [ENTER] button, and using the [▲] and [▼]select AUTO and press [ENTER] (this should be default)**
6. **Using the [▲] and [▼]buttons select Function and press the [ENTER] button, using the [▲] and [▼]select ON/OFF and press [ENTER] (this should be default)**
7. **Using the [▲] and [▼]buttons select Alarm and press the [ENTER] button, using the [▲] and [▼]select 2 (for the alarm 2 used in this example) and press [ENTER]. Using the [▲] and [▼]buttons to set the Action to be OFF and press the [ENTER] button twice to save.**
8. **Using the [▲] and [▼]buttons select Default and press the [ENTER] button, using the [▲] and [▼]select ON and press [ENTER] (this should be default)**
9. **Press the back button a few times to get back to the normal display**

Switch Method:

Configure your Skimmer outlet:

1. Press the **MENU** button
2. Using the [▲] and [▼]buttons navigate to Modules and press the **[ENTER]** Button
3. Using the [▲] and [▼]buttons Select the PC4 that your Skimmer is plugged into and press the **[ENTER]** button
4. Using the [▲] and [▼]buttons Select the channel that your Skimmer is plugged into and press the **[ENTER]** button
5. Mode should be highlighted, press the **[ENTER]** button, and using the [▲] and [▼]select AUTO and press **[ENTER]** (this should be default)
6. Using the [▲] and [▼]buttons select Function and press the **[ENTER]** button, using the [▲] and [▼]select SWITCH and press **[ENTER]** (this should be default)
7. Using the [▲] and [▼]buttons select On Device and press the **[ENTER]** button, using the [▲] and [▼]select the Switch connection you chose at the beginning of these instructions and press **[ENTER]**.
8. Using the [▲] and [▼]buttons to select On When and press the **[ENTER]** button, using the [▲] and [▼]select the Closed and press **[ENTER]**.
9. Using the [▲] and [▼]buttons select OFF Device and press the **[ENTER]** button, using the [▲] and [▼]select the Switch connection you chose at the beginning of these instructions and press **[ENTER]**.
10. Using the [▲] and [▼]buttons to select OFF When and press the **[ENTER]** button, using the [▲] and [▼]select the OPEN and press **[ENTER]**.
11. Using the [▲] and [▼]buttons select Default and press the **[ENTER]** button, using the [▲] and [▼]select ON and press **[ENTER]** (this should be default)
12. Using the [▲] and [▼]buttons Select Save and press **[ENTER]**
13. Press the **BACK** button a few times to get back to the normal display

Programming through My Reef Software:

Alarm Method:

Using MyReef software:

Configure your Skimmer outlet:

1. **Click on your PK4 in the tree along the left side**

2. **Click on the [Setup] button beside the channel that your skimmer is plugged into**
3. **In the Port Info Section change the label to something intuitive**
4. **In the “Channel Override Mode” select “Auto”**
5. **In the “Function” select “OnOff” and the mode should be “ON”**
6. **Under “Default” Select “On”**
7. **Under “Alarm” select 2 from the dropdown and select “Off”**
8. **Click the [Alarm Setup]**

Set up your Alarm:

8. Set the ID to “2”
9. Select the Alert you want (flash/Beep/Email)
10. Leave the logic as is
11. Under “Device 1” click the [Select] button and choose your switch port (under sl1/sl2 or sw5)
12. Set the trigger to be when the value is Below .5
13. Save both your alarm and your outlet

Switch Method:

Configure your Skimmer outlet:

1. **Click on your PK4 in the tree along the left side**
2. **Click on the [Setup] button beside the channel that your skimmer is plugged into**
3. **In the Port Info Section change the label to something intuitive**
4. **In the “Channel Override Mode” select “Auto”**
5. **In the “Function” select “Switch”**
6. **Under “Device” Select your switch port**
7. **Under “OnWhen” choose “Closed”**
8. **Under “Offwhen” choose “Open”**
9. **Do not select a timer**
10. **Default should be ON**
11. **Save your settings**