

iPonic Firmware Version 1.8 Migration Guide

This document is intended to aid users updating to firmware version 1.8 who are currently running firmware version 1.6 (or later).

Before updating, you are encouraged to back up your settings as the update process will restore your controller settings to factory defaults. An online video explaining how to save your existing configuration settings to USB memory can be found here:

<http://www.youtube.com/watch?v=c0SJRdQD28>

For directions on updating your controller, please see the online video here:

<http://www.youtube.com/watch?v=BgUE95Zr2vQ>

Why is the update mandatory?

This is a mandatory update for all cloud users. This update makes critical changes required for proper communication between your controller and the cloud server. Without updating, you run the risk of serious malfunction.

Updated Equipment Settings Screens

Several changes have been made to the user interface of the equipment settings screens.

Co2

The Co2 settings screen now allows you to change the target. The rest of the Co2 settings can still be accessed by the “Global Co2 Settings” option.

Humidifier/Dehumidifier

The humidification equipment settings screen now allows you to set the Humidify and Dehumidify setpoints. The additional humidity settings may be accessed from the “Global Humidity Settings” option.

Heating/Cooling

The heating and cooling equipment settings screen now allows you to set the heating and cooling setpoints. Additional temperature settings may be accessed from the “Global Temperature settings” option.

Updated Co2 Control

The operation of the Co2 equipment has changed slightly. The deadband now works similarly to the way it does for both temperature and humidity control. The Co2 equipment will now drive the Co2 level to the target plus the deadband.

Additionally, there is now a convenience feature to quickly set your Co2 to control either a generator or tank. The generator option will automatically set your Co2 to run continuously while you are below setpoint. The tank option, as before, allows you to cycle your Co2 tank on and off until your Co2 setpoint is reached (your Co2 will then remain off until the Co2 level drops below your setpoint).

I am using my light meter to control my Co2. How do I set this up in 1.8?

If you had been using your light meter to control when you allowed your Co2 to maintain target, you will now find these related settings in the Advanced Menus under “Co2 Light Cut off”. The operation remains the same.

I am using my light meter to determine the timing of my setpoint. How do I set this up in 1.8?

If you had been controlling your day/night setpoint with the use of the light meter, you will need to now enable this feature. This can be done in the Advanced Menus under “Global Light Settings” and “Separate Light Bank”.