

WhisperFan Setup Instructions

To setup all the fan speeds for the first time:

1. After wiring in the WhisperFan and applying power to the system, set the cabin control's low fan speed adjustment to its minimum and the high fan speed adjustment to its maximum.
 - a. For Marine Air Systems Elites: Enter program mode and set P-1 to 95 and P-2 to 30
 - b. For Marine Air System Passport I/Os: Enter program mode and set P-2 to 95 and P-3 to 30.
 - c. For Cruisair SMXhts: Enter programming mode and set function #5 to 2 and #6 to 99.
 - d. For Cruisair SMXirs: Press OFF, SET, DOWN&SET, press DOWN button to adjust to 2, then press OFF to exit. Press OFF, SET, SET&SLOW, press UP button to adjust to 99, then press OFF to exit.
 - e. For Cruisair Qhts or Q3s: Enter programming mode and set function #5 to 2 and #6 to 99.
2. On the WhisperFan interface panel, press and hold both the UP and DOWN until all 6 LEDs flash. This indicates that you are in programming mode.
3. After the flashing is complete, use the UP and DOWN buttons to set the number of fan speeds to be 3, 5 or 6. (MAS Elites=3, MAS PPIOs=6, Cruisair SMXhts & SMXirs=5, Cruisair Qhts or Q3s=5; Cruisair Qhts and Q3s can be programmed for 3 fan speeds as well, but that feature is rarely used.)
4. Once the fan speed count is set and the corresponding number of LEDs are lit, press and hold both the UP and DOWN buttons to save the number of fan speeds to the WhisperFan.
5. The WhisperFan will then flash the first LED (LED #1) and the fan will run in the current fan speed #1 speed setting.
6. On the cabin control keypad, turn on the fan in manual mode and set it to fan speed #1. *It is very critical* that you do this now because the WhisperFan is going to sample the control's (fan triac) output to align that signal's amplitude with the fan speed you are about to set on the WhisperFan's output.
7. On the WhisperFan interface panel, use the UP and DOWN buttons to adjust fan speed #1 to your liking. Press and hold both the UP and DOWN buttons to save the fan speed #1 setting.
8. The WhisperFan will now move onto fan speed #2 and will begin flashing LED #2.
9. On the cabin control keypad, change the manual fan speed from speed #1 to speed #2.
10. On the WhisperFan interface panel, use the UP and DOWN buttons to adjust fan speed #2 to your liking. Press and hold both the UP and DOWN buttons to save the fan speed #2 setting.
11. Repeat steps 9 and 10 for the remainder of the speeds. After you complete the last speed (3, 5, or 6), program mode will automatically exit and will indicate this by flashing all 6 LEDs.

To edit an individual fan speed:

1. On the WhisperFan interface panel, press and hold both the UP and DOWN buttons to enter programming mode. All six LEDs will flash a few times, then the number of fan speeds currently programmed will flash. Press and release (i.e. do not hold) both the UP and DOWN buttons to skip this step and move onto fan speed #1.
2. Press and release both the UP and DOWN button until the desired fan speed that you wish to change is shown by the corresponding fan speed number being lit and flashing. For example, for fan speed #2, LED #1 will be solid and LED #2 will be flashing.
3. On the cabin control keypad, turn on the fan in manual mode and set it to the same fan speed that you wish to change (e.g. fan speed #2 to follow with example from above).
4. On the WhisperFan interface panel, use the UP and DOWN buttons to adjust the fan speed to your liking. Press and hold both the UP and DOWN buttons to save the fan speed setting.
5. Press and release both the UP and DOWN buttons until you reach the last speed and the WhisperFan program mode exits, indicated by all 6 LEDs flashing.

During normal operation:

The WhisperFan's LEDs will light up according to what it is interpreting as the speed being sent by the cabin control's fan triac output. Any subsequent adjustment to the cabin control's fan speed settings outputs via its programming mode will obviously affect this (LED) interpretation and may result in some mismatches. This is okay as long as the speed settings are doing what the user desires (since the WhisperFan's panel will not be visible under normal circumstances). Obviously, it is recommended that the installer attempt to set up all the fan speeds as close to what will finally be desired before closing access to the WhisperFan electric box.