

Factory Test Instructions for Air To All PAPR Version 2

To test a PAPR board after manufacturing, program the unit with the Factory Test firmware, then perform the following steps in order. For each step, do the action, then verify that the expected result happens.

| | <i>Action</i> | <i>Expected result</i> |
|----|-----------------------------------|---|
| | | |
| 1 | Startup PAPR | All 7 LEDs flash 3 times |
| 2 | Press and release FAN UP button | All LEDs flash, one at a time, left to right |
| 3 | Press and release FAN DOWN button | All LEDs flash, one at a time, right to left |
| 4 | Press and release FAN UP button | Buzzer beeps 3 times |
| 5 | Press and release FAN UP button | Vibrator vibrates 3 times |
| 6 | Press and release FAN UP button | Fan runs at maximum power |
| 7 | Press and release FAN UP button | Fan runs at half power |
| 8 | Press and release FAN UP button | Fan runs at minimum power |
| 9 | Press and release FAN UP button | All 7 LEDs flash 3 times (Battery Voltage Test) |
| 10 | Press and release FAN UP button | All 7 LEDs flash 3 times (Fan RPM test) |