

## HMX 8 INSTRUCTIONS

### IMPORTANT !

**BECAUSE OF ITS EXCLUSIVE TECHNOLOGY, THIS ESC ONLY WORKS WITH PERFORMA 1/8 MOTORS. OTHER MOTORS WILL NOT WORK, THE ESC CHECKS FOR THE PRESENCE OF A PERFORMA MOTOR.**

### TECHNICAL INFORMATION

- Sensor 4 pole 690 Performa motors only, no sensorless mode.
- 4S LIPO only
- The ESC BEC supports 6V or 7.4V. Use 7.4V if you have 7.4V electronics. The 7.4V setting also makes the fan spin quicker, increasing cooling performance.
- No user adjustable timing
- You can only use a fan connected to the sensor port of the ESC. Use of the fan port or other types of fans than the one supplied with the ESC can cause damage to the ESC.
- The ESC comes with two boards of capacitors, these need to be connected to the ESC at all time. Removing or using a different type of capacitor can cause damage to the ESC.
- You can calibrate the ESC using the push button located on the switch.
- The ESC is equipped with 4 different setups which can be selected using the push button on the switch. We are confident that these setups will work for most people in most conditions.
- Whenever you select a setup (using the button or through the PC app) the current settings inside the ESC will be overwritten.
- We have developed a new Performa PC app if you want to fine tune your settings.
- Push button function (located on the switch).

### CALIBRATION

- 1 ESC OFF, press and hold the button, switch ON the ESC, then release the button, beep and red led flashes.
- 2 Transmitter to neutral, press button once, beep and green LED flashes once.
- 3 Transmitter full throttle, press button once, beep and green LED flashes twice.
- 4 Transmitter full brakes, press button once, beep and green LED flashes three times.
- 5 Continuous beep, calibration complete.

### SETUP SELECTION

- 1 With ESC already powered ON, press and hold button 5 sec.
- 2 ESC beeps, green LED flashes once indicating setup 1 is selected.
- 3 If you keep holding the button, the ESC will cycle through each of the 4 setups, with one beep between each step and the green LED flashing one, two, three or four times (setup 1, 2, 3 or 4).
- 4 Release the button to select the setup you wish to use, it is immediately active when you release the button.

**Note:** the setup selection always starts from setup 1 (even if you were using setup 3 for example).

### PC APP INFORMATION

- Punch setting : adjusts the throttle response; use a higher setting for a more faster throttle response and a lower setting for a slower throttle response.
- Max torque : adjusts the torque curve; using a higher setting for more bottom torque and a lower setting for more high end torque.
- Max brake is limited at 70% on this ESC
- Drag brake and initial brake are linked. This means that the initial brake setting cannot be lower than the drag brake setting. The ESC will automatically set the initial brake to the same value as the drag brake setting.