The audible alerts consist of a sequence of long and short beeps, repeating every five seconds. To determine the cause of the alert, record • for short beeps and — for long beeps, then match the code you heard to this list.

AUDIBLE ALERT REFERENCE MAMBA X SERIES CONTROLLERS

TONE	MEANING	MAMBA MICRO X	MAMBA X	MAMBA MONSTER X	MAMBA XLX	DESCRIPTION
• •	START FAIL	X	X	X	X	The ESC was unable to start the motor. Check your motor wiring and make sure there is nothing interfering with your drive train.
• —	LOW VOLTAGE CUTOFF	X	X	X	X	Main battery voltage dropped below the cutoff value. The default is Auto-LiPo which sets the cutoff value based on the detected cell count. Other options may be entered in Castle Link.
— •	OVER-CURRENT	X	X	X	X	The ESC detected operating currents that exceed the capabilities of the ESC.
• • •	SENSORS LOST	X	X	X	N/A	The ESC detected unusual signals or loss of signal on the sensor cable coming from the motor. Check the sensor cable for good connections to the ESC and motor. If you are not using a sensored motor, ensure the "Sensors Lost" warning is disabled in Castle Link.
• • —	RADIO GLITCH	X	X	X	X	The ESC detected unusual signals or loss of signal on the throttle wire.
• — •	OVER-TEMPERATURE	X	X	X	X	The ESC reached an over-temperature condition. Occurs when operated under too high a load or operated without proper cooling airflow.
• — —	EXCESSIVE LOAD	X	X	X	X	The ESC detected very high current spikes. Causes may include damaged wiring leading to, or inside, the motor, the use of too large a motor for the controller, excessive gearing, or improperly soldered motor connections. If multiple Excessive Load errors are detected, beeping will be disabled to protect the ESC. If the error continues, contact Castle Tech Support.
— • •	AUX WIRE RADIO GLITCH	X	X	X	X	The ESC detected unusual signals or loss of signal on the AUX wire. Note: if you are not utilizing the AUX wire function, disable the AUX wire mode via Castle Link.
— • —	BEC OVER-TEMPERATURE	N/A	X	X	X	The ESC detected that the integrated BEC is overheating due to current draw above the rating of the BEC. This is commonly caused by faulty servos or a servo that exceeds the amp rating of the BEC. (e.g. digital servos with very high torque/speed values)
• • • •	DATA LOG FULL WARNING	N/A	X	X	X	The ESC's internal datalog has reached its capacity. The datalog must be cleared before it can record any new data. This alert can be disabled in Castle Link settings under the BASIC tab.
— — •	MOTOR OVER-TEMPERATURE	VS 2.02 AND HIGHER	VS 2.02 AND HIGHER	VS 2.02 AND HIGHER	N/A	The ESC detected that the sensored motor's temperature has exceeded the Motor Temperature Cutoff value set in Castle Link. Motor Temperature Cutoff is only available when running a sensored motor. Motor temperature sensors vary. Always check motor temperatures periodically after making system adjustments. This alert is disabled by default and can be adjusted via Castle Link.