

TECHGIO
- F3K Buzzer mk4

Features:

- High power precision 5V output
- Reverse battery polarity protection.
- Audible battery power surveillance
- Audible internal temperature surveillance
- Audible start-up diagnosis
- Weight including wires : 4.5gr incl. 20cm cables
- Operation down to 3V – At battery voltages below 5V the output follows the battery - 0.4V

Important:

These products are designed for 2s LiPo. Do not apply any other battery type.

Installation:

Always mount the regulator with air around it. Do NOT cover the regulator with foam. A good method of installation is to epoxy glue the regulator to the fuselage. A good mechanical connection will transfer the buzzers vibration to the fuselage and increase the audible range.

Warning:

The F3Kbuzzer regulator is deliberately made without any current limitation on the output in order to improve the performance in flight. Therefore be very careful not

to cause a short circuit of the regulator during testing or use. Any short circuit will cause permanent damage to the regulator.

Startup diagnosis:

Once a battery is connected the regulator will make a diagnosis of the battery condition before entering in normal operation mode.

3 beeps	More than 76% power remaining	
2 beeps	30% -76% power remaining	
1 beeps	Less than 30% power remaining	Consider charging

Alarms:

After the startup diagnosis the regulator will enter normal operation mode. If an alarm is triggered it will remain active until the battery is disconnected, even if the condition that caused the alarm heals itself.

Continues beeping at 0.5s interval	The temperature have been measured too high for more than 1.5s	Consider alternative mounting to provide better cooling for the regulator
Solid continues tone	The battery have been measured lower than 7.2V for more than 1.5s	Charge the battery NOW

Note: An undervoltage voltage alarm will always overrule a temperature alarm.

Quality control:

All regulators are individually tested before shipment – See results of this test on the back of this page.

Contact email: AH@Techgio.com or visit the website TECHGIO.COM

	Value / Function	Pass / Fail	Note:
Output voltage			Batt= 8V, 0.3A Load
Test of DC current high load			5A for 5 sec.
Test of DC current low load			0.5A for 5 min.
Buzzer startup function			Batt high
Buzzer startup function			Batt medium
Buzzer startup function			Batt low
Buzzer alarm surveillance function			Batt low trigger level

Signature QC tester:

Waiver of liability / Warranty:

This product is guaranteed to be free of defects in materials and workmanship for 1 year after original purchase date. The warranty only applies to material or operational defects that are present at the time of purchase. The warranty only applies to the original purchaser of the product and only the original purchaser can claim a warranty case. The manufacturer reserves the right to repair or replace the product. Warranty will not cover items that have been modified, disassembled, or otherwise misused according to the product instructions (Reduction of wire length and connector modification is not considered misuse). Proof of purchase is required to submit a warranty claim. Seller and/or manufacturer are not responsible for any bodily injury and/or property damage that may occur from the use of, or caused by, this product.