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## 64K UltraPAC

Thank you for purchasing the 64K UltraPAC. Should you encounter any problem, please do not return this product to the store before carefully reading the user manual. You can also find answers to your technical support questions through our online knowledge base or contact support service via the Spartan website [www.spartan-rc.com](http://www.spartan-rc.com)

For information regarding writing to and accessing the external CAMPac type memory consult your transmitter's manual.

### **Overview:**

This UltraPAC is an aftermarket memory module and service menu enabler suitable for all Futaba and Robbe transmitters that support 64K CAMPac memory expansion.

### **64K UltraPAC-II model capacity:**

Futaba 8U/FF8*	33
Futaba 9C/FF9*	24
Futaba 9Z/ZAP/ZHP*	Up to 16**
Futaba 10C/FF10	16
Robbe FC18 (v3 or higher)	45
Robbe FC28 (v3 or higher)	4

\* All versions supported (WC, WC2, Super)

\*\* The 9Z series transmitters utilise different amounts of memory depending of the complexity of the model program. When several flight conditions are used the number of model programs will be affected. The table on page 12 of the 9Z user manual explains how the allocation memory of memory works.

### **Operation:**

Every new CAMPac or UltraPAC must be initialised by the transmitter before it is ready for use. Most Futaba transmitters will prompt you to initialize the external memory (CAMPac or UltraPAC) on power on. Please confirm this operation which will initialise the UltraPAC for the specific type of transmitter that you are using. Due to the large amount of memory offered by the 64K UltraPAC this operation may take a few minutes to complete. However, once completed there is no need for subsequent initialisation. For detailed information regarding writing to and accessing the external memory please consult your transmitter's manual (CAMPac section).

The STATUS indicator is used to select the advanced features offered by our larger capacity UltraPACs. It is not needed for the operation of the 64K UltraPAC and it is therefore not functional.

### **Disclaimer:**

Because Spartan RC and their distributors have no control over the installation and use of this product, no liability may be assumed nor will any liability be accepted for any damages resulting from the use of this product. Under no circumstances will the buyer be entitled to consequential or incidental damages. By act of installing this product, the buyer accepts all resulting liability.