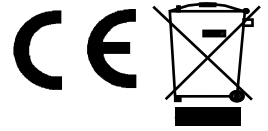


# S.M. Services (UK) Ltd

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## ON-Board Monitor 5 Cell



### Specifications

Size.	42mm x 22mm x 15mm
Construction.	Boxed
Connections.	Via fly lead with universal plug.
Operating Voltage.	4.5v to 7.0v DC
Operating Current.	9mA @ 6.0v DC
Display.	Green and red led indicators.
Switching Voltage.	5.95 volts + or - 50mV

### Description.

The On-Board Monitor is a light and compact Go or No Go indicator. The change from green to red occurs at approximately 75% battery discharge.

The indicator led's will flicker when the servo's are operated but should return to a steady state once servo movement stops, this is a normal function. A continuous flickering indicates that a fault exists within the receiver battery supply system, this should be investigated prior to any flying taking place.

The unit is normally connected to a spare receiver output, however if all outputs are utilised a Y lead can be used.

This unit requires the receiver and servo's to load the battery and must NEVER be used as an external battery checker ie. via the switch harness charging lead or direct to the battery.

### Standard receiver wiring connections.

<u>Lead function</u>	<u>Futaba</u>	<u>JR/New Sanwa</u>	<u>Hitec</u>	<u>Sanwa (old)</u>
Positive = +	Red	Red	Red	3
Negative = -	Black	Brown	Brown	2
Signal	White	Orange	Yellow	1

Please refer to your equipment instructions for wiring codes if they are not listed.

## WARNING

1. Do **NOT** reverse positive and negative wires. (Red and Black)
2. **ALWAYS** remove power from the unit before connecting or disconnecting any input or output connection, Failure to observe this instruction can damage both the unit or the equipment it is connected to.
3. **ALWAYS** range check when adding to or changing the control system of a model.
4. S.M. Services (UK) Ltd products are tested for use on the UK 35 Mhz aircraft frequency, use on other frequencies should not be a problem, however use on frequencies other than 35 Mhz is at the users risk.

If you have any questions or problems with this product please contact us, we are here to help you.

### Your Guarantee

S.M. Services (UK) Ltd guarantee all products for 1 year from date of purchase. During this time S.M. Services (UK) Ltd will repair or replace all defective products free of charge, except for Units subject to fair wear and tear, or units that are subject to crash damage. To qualify for benefits under the guarantee you must have installed and used the product in accordance with S.M. Services (UK) Ltd instructions. Consequential losses and accidental damage to the product are not covered by the guarantee. S.M. Services (UK) Ltd cannot be held responsible for results of using our products for any purpose other than those described in the relevant instructions.

### Returns

Any returned products ordered in error or are not required will if returned unopened in original product packaging within 28 days from date of purchase be subject to a full refund less shipping charges and a 5% handling charge. All other returns will be subject to a full refund less shipping charges and a 20% handling charge.