

S.M.Services (UK) Ltd

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DUAL NICAD CYCLER



Specifications.

Size. 100mm x 75mm x 50mm.
Construction. Boxed.
Connections. Via screw block connectors.
Discharge Current. RX 300mA @ 4.8v. TX 200mA at @ 9.6v.
Trip Voltage. RX 4.25v + or - 3%. TX 8.4v + or - 3%.

Description.

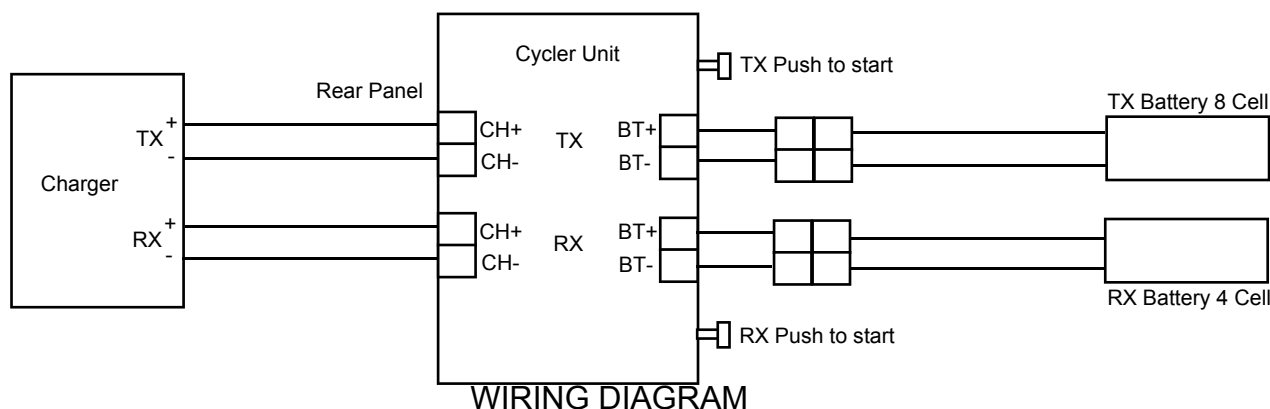
This module is designed to discharge both transmitter and receiver battery packs to nominal 1.1v per cell, it will then automatically switch back to the standard battery charger.

Battery cycling is recommended by most manufactures as a method of keeping individual cells within a pack in a balanced condition. Cycling is also the recommended cure for the apparent memory effect that batteries exhibit when they are part discharged and then recharged on a regular basis.

Please note that some transmitters are protected by a blocking diode, this means that the battery pack cannot be discharged whilst fitted within the transmitter. Where possible the pack should be removed and cycled externally.

Operation

Connect as shown below,(remove two screws from cycler base to gain access to screw blocks) switch on charger and connect batteries, the charger light should operate as normal. To cycle batteries press the red button and if there is power left in the battery the cycler will lock on and the cycler led will light (charger light will go out), when the battery is flat the cycler will automatically switch back to the charger.



Standard Receiver wiring connections.

Lead Function	Futaba	JR& New Sanwa	Old Sanwa (Moulding Numbers)
+ = Positive	Red	Red	3
- = Negative	Black	Brown	2
IP= Signal	White	Orange	1

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

Futaba and Sanwa TX jacks are tip positive, JR is tip negative, **Check polarity with a voltmeter before connecting, this is very important when wiring JR as the TX black wire is usually POSITIVE!!!!**

WARNING

******Reversing Positive and Negative Leads Will Destroy The Module******

Please do not over tighten the connector screws

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 responsible for results of using our products for any purposes 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.