

# DOCKING STATION

MULTI PURPOSE  
UNIVERSAL CONNECTORS  
INSTRUCTION MANUAL



# MR-SDS

## DOCKING STATION

Docking Station (referred to as the DS) is a multi purpose connector which is able to connect various popular connectors such as Tx, Rx, Deans Ultra plug and Booster to your charger. The DS can be docked easily with the Muchmore Silent charger and ACDC Silent charger by the attached banana plugs or can be connected by clips to other types of chargers.

The DS ensures a perfect electric contact between battery and charger so it reduces the chance of charging fails during the race.

Since the DS equips specially designed safe fuses for each channel inside, in case you connect more than two kinds of different type of batteries at the same time, the battery will be protected by short circuit by these fuses.

Since there's always a remote chance of fuse damage by overheating, always connect batteries one by one when you charge/discharge the battery through the DS.

## SPECIFICATIONS

Dimensions.....	124x52x28mm
Weight.....	112g
Max charge current in Universal connector.....	6A
Max current in Rx.....	2.5A
Max current in Tx.....	2.5A
Max current in Ultra plug.....	6A
Max current in Booster.....	4A
Length of Tx, Rx wires.....	50cm

## CAUTION

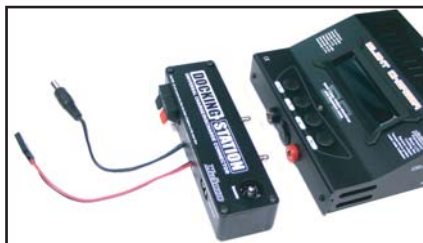
Please read these instructions fully and handle the DS correctly.

- The DS is not intended for use by unsupervised children.
- Be careful not to drop the DS unit and avoid any kind of impacts.
- Do not connect more than two kinds of batteries at the same time.
- Connect the plugs tightly, ensure they are not loose.
- Keep the DS away from heavy vibration, moisture, dust or excessive heat.
- When you connect plugs, make sure the polarity is correct.
- Do not operated the DS near water or fire.
- Do not operate with wet hands.
- Do not connect AC power to DS.

## HOW TO OPERATE

### ■ How to dock the DS with Silent charger series.

Disconnect output wires from Silent charger then dock the DS with Silent charger. Refer to picture below:



### ■ How to connect DS with other type of chargers

Connect output clips of other type of charger to DS' banana plugs. Red is +, Black is -.

### ■ How to connect each type of battery to the DS

Do not exceed the max charge/discharge current value for each channel(refer to Specifications chart) when you set charge/discharge value of your charger.

Universal connector:  
Other type of wires or connectors  
can be connected to here as  
users preference.

Booster:  
GP car Booster

Tx:  
Transmitter connector  
JR connector has opposite polarity,  
in this case you can connect JR  
connector to the universal  
connectors slots.

Ultra Plug:  
Deans type Ultra connector

Rx:  
Receiver connector

## PRODUCT WARRANTY

All products from Muchmore Racing are manufactured according to the highest quality standards. Muchmore Racing guarantees this product to be free from defects in materials or workmanship for 120days from the original date of purchase verified by sales receipt. This limited warranty doesn't cover defects, which are result of normal wear, misuse or improper maintenance. This applies among other things to:

- Cut off original power plug or not using reverse polarity protected plugs
- Mechanical damage of the case
- Mechanical damage of electronic components/PCB Soldered on the PCB (except on external solder-tabs)

With Limited Lifetime Warranty products, the warranty terms on the Limited Lifetime Warranty card do also apply. To eliminate all other possibilities or improper handling, first check all other components and the trouble shooting guide before you send this product for repair or warranty. Product sent in for repair, that operate perfect have to be charged with a service fee. By sending in this product, you assign Muchmore Racing to repair the product, if it is no warranty or Limited Lifetime Warranty case. The original sales receipt including date of purchase needs to be included. Otherwise, no warranty can be granted. For quick repair and return service, add your address and detailed description of the malfunction. Our limited warranty liability shall be limited to repairing the unit to our original specifications. In no case shall our liability exceed the original cost of this unit. Because we don't have control over the installation or use of this product, we can't accept any liability for any damages resulting from using this product. By installing or operating this product, the user accepts all resulting liability.

The specifications like weight, size and others should be seen as guide values. Due to ongoing technical improvements, any change for the interest of the product might happen. Muchmore Racing does not take any responsibility for the accuracy of these specs.

### MUCHMORE RACING DISTRIBUTOR SERVICE

Package your product carefully and includes sales receipt and detailed description of malfunction. Send parcel to your national Muchmore Racing distributor. Distributor repairs or exchanges the product. Shipment back to you usually by COD(cash on delivery), but this is subject to your national Muchmore Racing distributor's general policy.

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