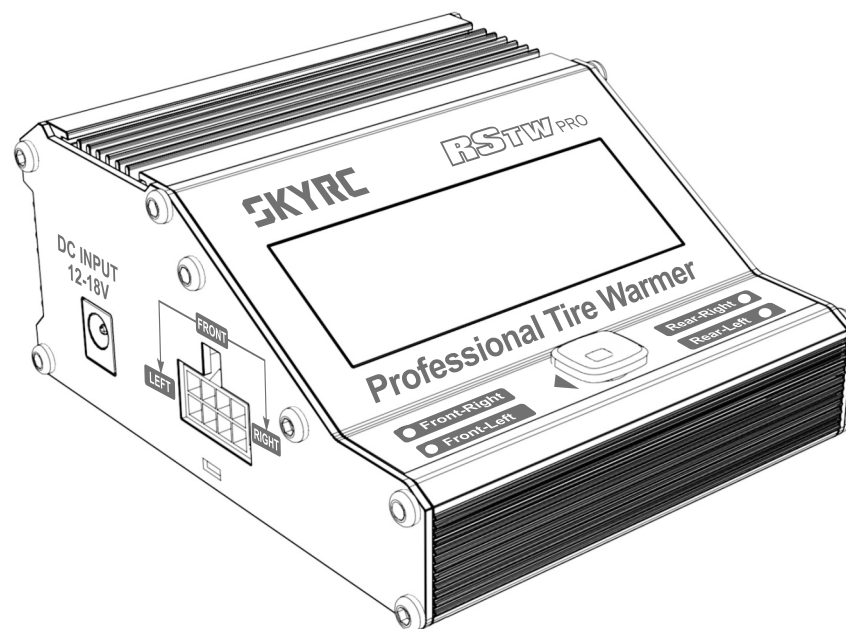


SKYRC

RSTW^{PRO}

Professional Tire Warmer



SKYRC

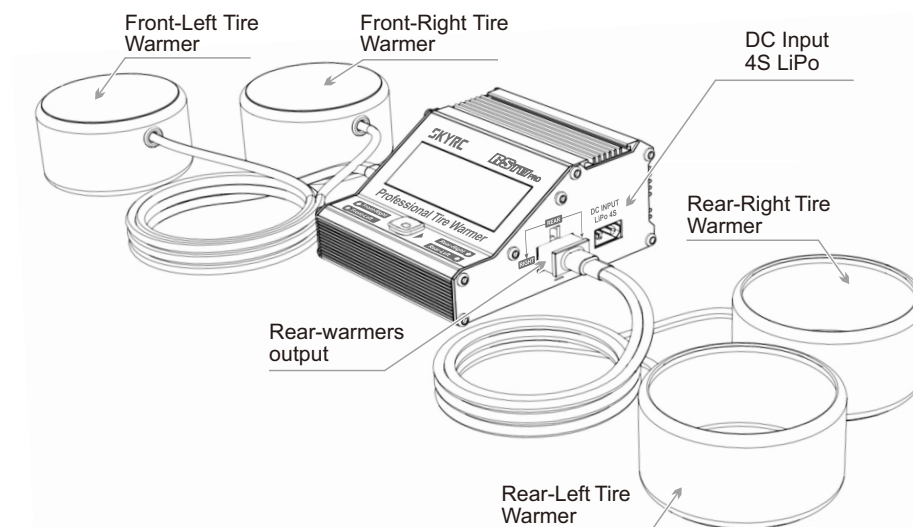
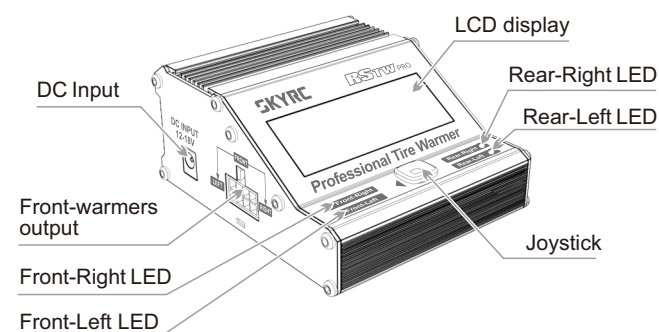
Manufactured by
SKYRC TECHNOLOGY CO., LTD.
www.skyrc.com

Instruction Manual

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INTRODUCTION

SkyRC RSTW Tire Warmer is designed to preheat rubber tires. This tire warmer can warm the tires to the optimum temperature before taking on a track or race circuit. Preheating the rubber tire surface will increase the rubber's friction coefficient and enhance its grip on the track surface. With SkyRC Tire Warmers, you will have the advantage of tires' readiness as soon as you roll out onto the track.



FEATURES

- Dual Power Source: 4S LiPo battery pack or 12-18V DC input
- Front & Rear temperature can be set independently
- 8 different beep tones
- Minimum temperature
- Celsius/Fahrenheit switchable
- Four LEDs indicator (Red: heating, Green: reach preset temperature)
- Safety timer

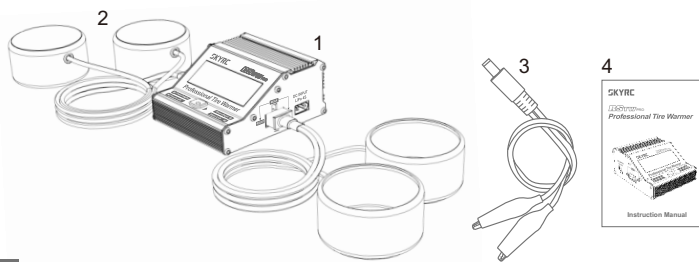
SPECIFICATIONS

- Input: 12-18V
- Power: 25W*4 Max.
- Temperature Range: *20-80°C, 100°C/ 68-176°F, 212°F
- Keys: Joystick - ▲Up, ▼Down, ◀Left, ▶Right
- Dimensions: 92*111.4*50mm
- Weight: 440g / 15.52oz

**Atmospheric conditions may affect the final tire temperature*

WHAT IS IN THE BOX

1. SkyRC Tire Warmer
2. Warming Cups or Warming Belts
3. DC Input Cable
4. Manual



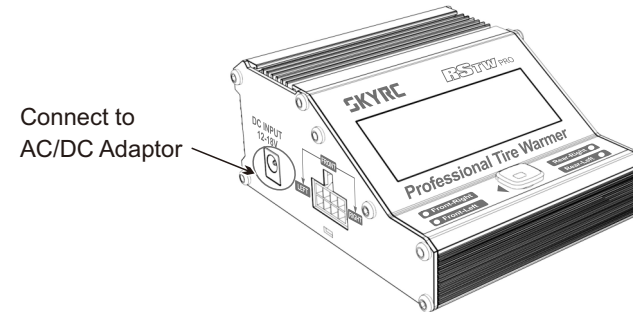
PRECAUTIONS

- The tire warmers must never contact the ground during the fitting process: the car must be elevated clear of the ground using suitable stands.
- Never use tire warmers unless they fit the tire.
- Do not install, use or remove tire warmers when the racing car is still on.
- Please check carefully before each use; NEVER use when damaged.
- NEVER attempt to modify the warmers.
- Do not leave tire warmers in use unattended.

POWER ON THE TIRE WARMER

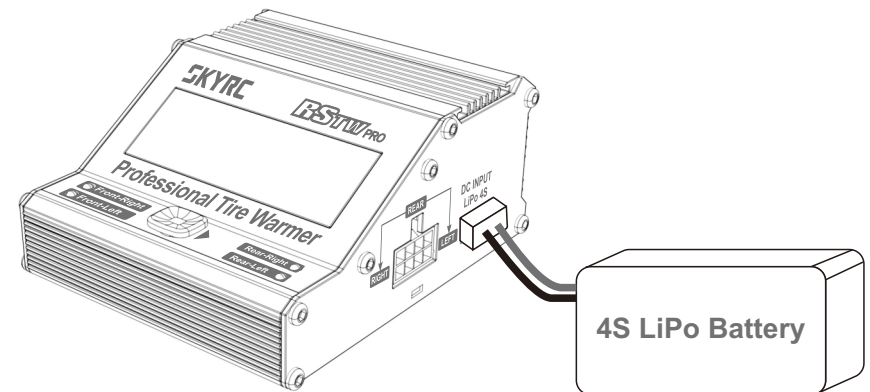
1. Using DC Power Source

For the tire warmer to achieve the optimum warm-up effect, the DC power supply must continuously provide 12V voltage and have an output current of 8A.



2. Using 4 Cell LiPo Battery Pack

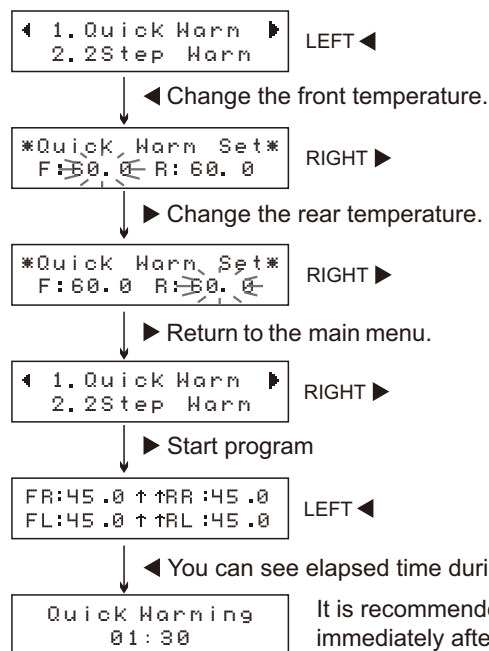
Please make sure that you have set a proper cut-off voltage to prevent damage to the battery.



⚠ DO NOT CONNECT BOTH POWER SOURCE AT SAME TIME.

QUICK WARMING

This mode is easy to set up, and it is available to change the temperature during warming.



General Operation

- ▲ Increase front or rear temperature.
- ▼ Decrease front or rear temperature.

If you need extra hot warming for certain track or weather conditions, you can set 100°C/212°F by hitting ▲ the key once more when you reach 80°C/ 176°F.

◀ You can see elapsed time during quick warming.

Quick Warming 01:30

It is recommended not to remove the warming cup immediately after heating. It is best to let it stand for 10 mins, to ensure that the entire tire is heated evenly. Do not use for any periods longer than 30 mins to avoid damage to the tires.

During the heating process, the ↑ arrow indicates that the temperature is rising. When it reaches the target temperature, the ↑ will disappear automatically, and the LED light will turn green.

► Quit out of Quick warming.

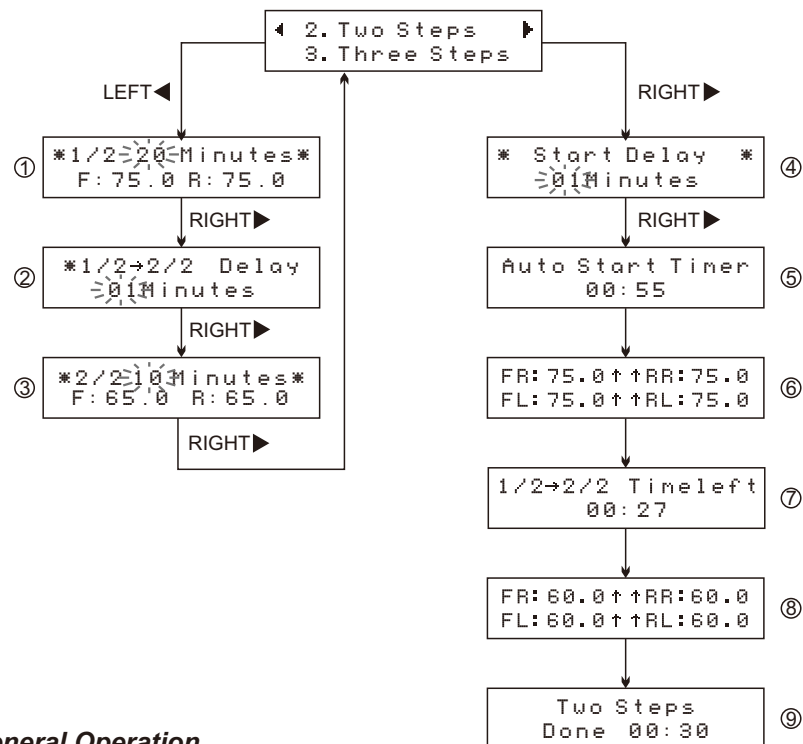
▲ or ▼ You can change temperature during Quick warming.

FR: 65.0 RR: ----
FL: 65.0 RL: ----

If you see "----" shows, check the warmer's connection. As shown in the left picture, it shows the rear warming cup has a bad connection or disconnected.

STEP WARMING

Warm your tires by 2 or 3 steps in the Two Steps/ Three Steps mode, which will heat your tires more thoroughly.



General Operation

- ▲▼ Determine first step warming time.
 - Set front and rear tires target temperature 20-80°C.
- ▲▼ Adjust the front or rear temperature.
 - Move to next step
 - ◀ Back to former step

If you need extra hot warming for certain tracks or weather conditions. You can set 100°C/212°F by hitting the ▲ key once more when you reach 80°C/176°F.

- ▲▼ Set the delay time.
 - Move to next step
 - ◀ Back to former step

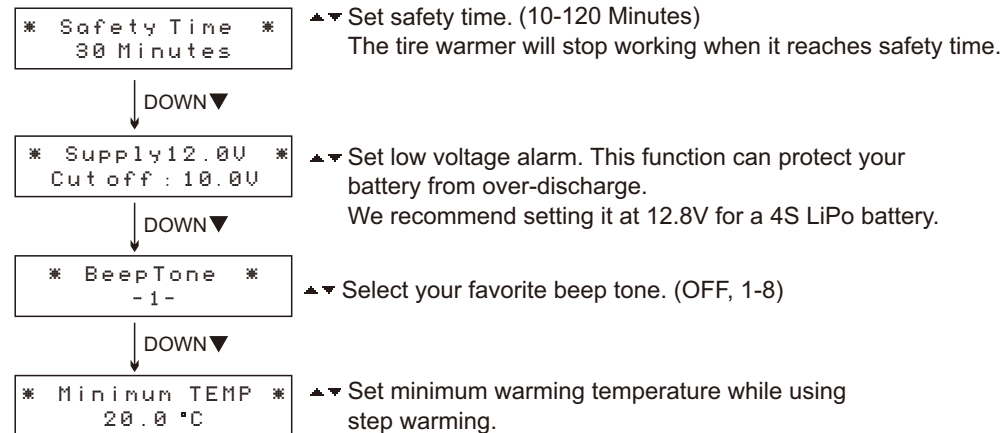
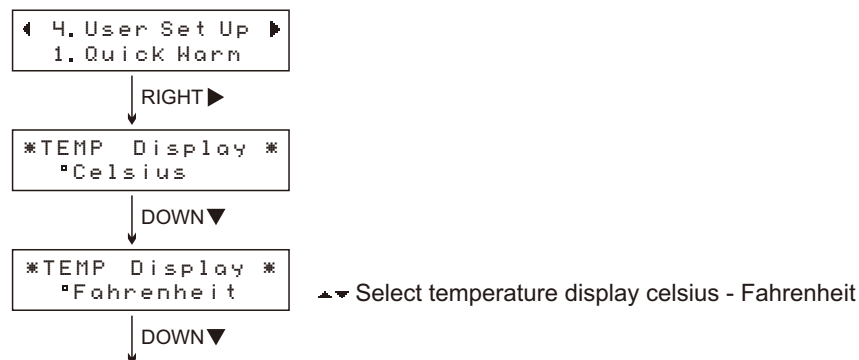
- ③ ▲▼ Set the warming time of the second step.
 - Set front and rear tires target temperature 20-80°C
- ▲▼ Adjust the front or rear temperature.
 - Move to next step
 - ◀ Back to former step

If you need extra hot warming for certain track or weather conditions. You can set 100°C/212°F by hitting the ▲ key once more when you reach to 80°C/176°F.
- ④ ▲▼ Set auto start timer
- ⑤ ► Skip count down.
- ⑥ **1/2 Step Warming**
 - ◀ Check current warming step and elapsed time.
 - ◀ Back to former page
 - Quit from step warming.
- ⑦ **1/2 -2/2 Delaying**
 - ◀ You can check temperature or 1/2-2/2 delay time.
 - Skip delaying, move to 2/2 step warming

All LEDs will blinking in red during delay period.
- ⑧ **2/2 Step Warming**
 - ◀ You can check current step and elapsed time.
 - ◀ Back to the former page
 - Quit from step warming.
- ⑨ **2 Step warming done**

All LEDs will blinking in green.

USER SET UP



OPTIONAL PARTS

Picture	Item Number	Item Name
	SK-600064-03	Warming Belt
	SK-600064-07	Warming Cup

CALIBRATION

(We take warming cup for example!)

Calibrate your tire warmer with the thermometer.

Push and hold the ▲ key, power on the Tire Warmer.

TEMP adjust mode
hand off please

Stop pushing the ▲ button.

* TargetTEMP *
OFF

▲▼ Determine target temperature for calibration.

► RIGHT

FR: 68.8 RR: 66.5
FL: 69.2 RL: 71.0

FR LED will blink first. Check the temperature of FR with your thermometer.

▲▼ Match the temperature to the value of the thermometer



► Move the cursor to the next step

Calibrate FL - RR - RL warmers in the same way.

If you push the ◀ key on FL, step-W will save all calibration data and will restart itself.

FACTORY RESET

You can reset the setting when you want to return all values to the original.

Push and hold the ▼ key, power on the Tire Warmer.

Factory reset
hand off please

Stop pushing the ▼ button.

Factory reset
NO◀ ►YES

► Factory reset then goes to Main menu.

◀ Exit and goes to Main menu.

SkyRC RSTW Tire Warmer satisfies all relevant and mandatory CE directives and FCC Part 15 Subpart B. The product has been tested to meet the following technical standards:

Test Standards	Title	Result
EN 61000-6-3: 2007 +A1:2011	Electromagnetic compatibility (EMC)—Part 6-3:Generic Standards -Emission standard for residential, commercial and lightindustrial environments	Conform
EN 61000-6-1: 2007	Electromagnetic compatibility (EMC)—Part 6-1:Generic Standards — Immunity standard for residential, commercial and lightindustrial environments	Conform

Test Standards	Title	Result
FCC Part 15, Subpart B	Radiated Emission	Conform

This symbol means that you must dispose of electrical from the General household waste when it reaches the end of its useful life. Take your charger to your local waste collection point or recycling centre. This applies to all countries of the European Union, and to other European countries with a separate waste collection system.

LIABILITY EXCLUSION

This tire warmer is designed and approved exclusively for use touring car's rubber tires stated in Instruction Manual. SKYRC accepts no liability of any kind if the tire warmer is used for any purpose other than that stated. We are unable to ensure that you follow the instructions supplied with the tire warmer, and we have no control over the methods you employ for using, operating and maintaining the device. For this reason we are obliged to deny all liability for loss, damage or costs which are incurred due to the incompetent or incorrect use and operation of our products, or which are connected with such operation in any way. Unless otherwise prescribed by law, our obligation to pay compensation, regardless of the legal argument employed, is limited to the invoice value of those SKYRC products which were immediately and directly involved in the event in which the damage occurred.

WARRANTY AND SERVICE

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes.

You will be required to produce proof of purchase (invoice or receipt). This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification or as a result of failure to observe the procedures outlined in this manual.

Note:

1. The warranty service is valid in China only.
2. If you need warranty service overseas, please contact your dealer in the first instance, who is responsible for processing guarantee claims overseas. Due to high shipping cost, complicated custom clearance procedures to send back to China. Please understand SkyRC can't provide warranty service to overseas end user directly.
3. If you have any questions which are not mentioned in the manual, please feel free to send email to info@skyrc.com