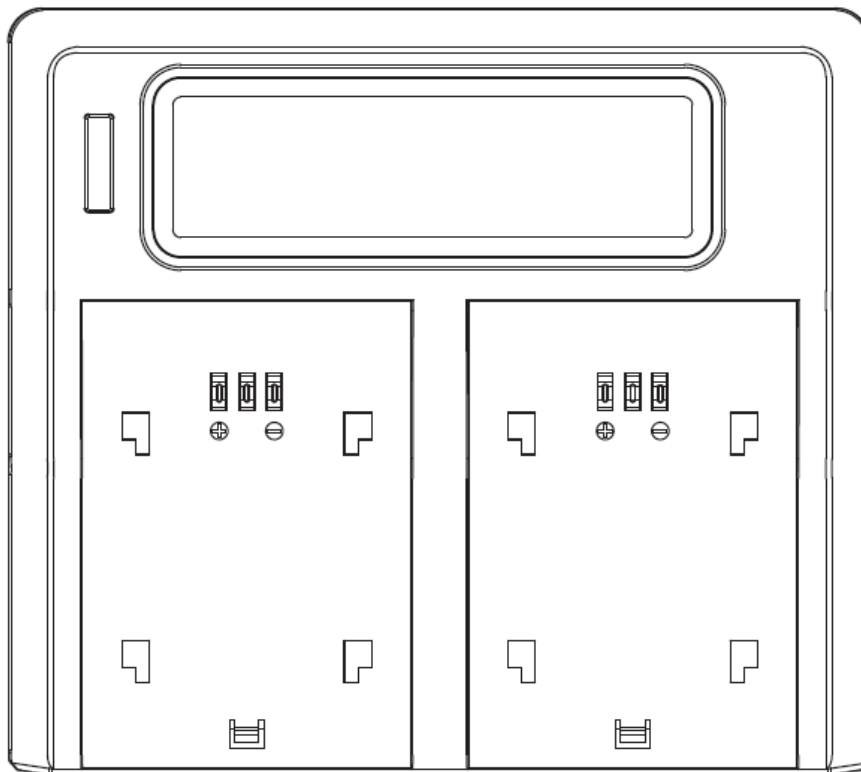




NP-F770  
**Dual Charger Kit**

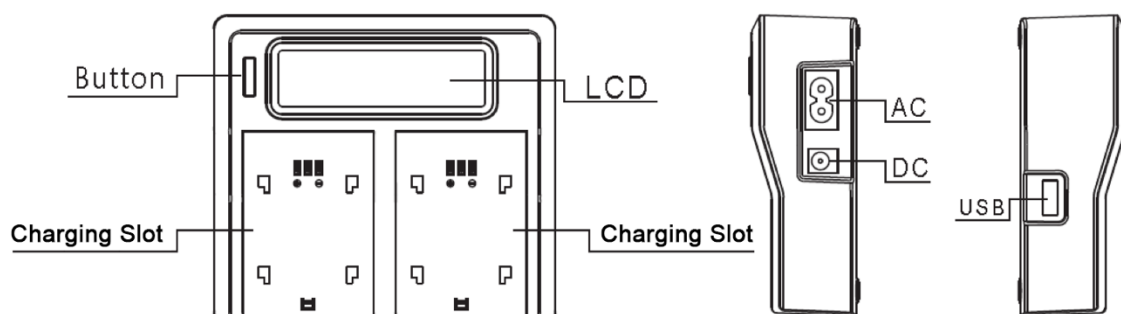
Please read and follow all instructions before using this product.



## User Manual

Thank you for purchasing the ProMaster 9498 Dual Charger Kit. Please read these instructions carefully before operating the product and keep this manual for future reference.

### ■ Parts Diagram



### ■ Charger Specifications:

Input: AC 100 V - 240 V 50 - 60 Hz 1.5 A (max)

DC 12 - 24 V 3000 mA (min)

Output Voltage: DC 8.4 V/12.6 V/16.8 V

Output Current: L 1,000 mA x 1 | 500 mA x 2

H 1500 mA x 1 | 800 mA x 2

USB Output: 5 V  2100 mA

### ■ Battery Specifications (each):

7.4 V

4400 mAh

32.5 Wh

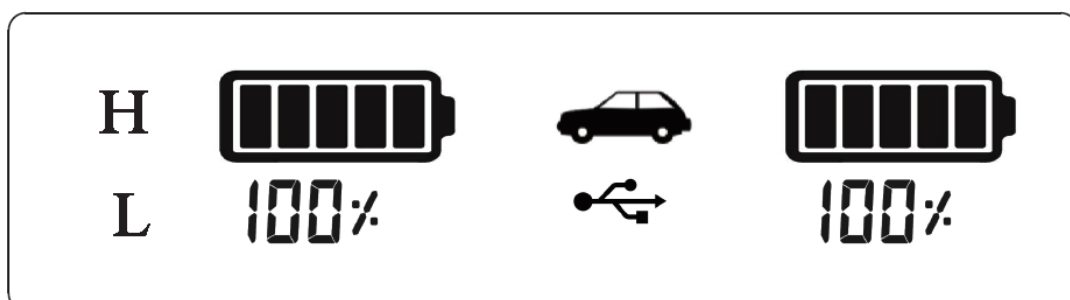
### ■ Instructions for Use







1. Choose either the AC cable for household use or the DC cable for use in a vehicle. Connect just one of them to the dual charger and then connect the other end of the cable to the appropriate power receptacle. The LCD display will illuminate to show the unit has power.
2. Install the batteries which need charging into the unit by sliding them into the charging slot(s). You can charge one battery in either slot or use both slots at the same time. After installing the batteries, the charger will detect the load and start pre-charging. The LCD graphic will blink gradually.
3. Press the button to the left of the LCD to switch the dual charger between L (low) and H (high) charge modes. Low charge mode will take longer to charge each battery while maintaining the best overall life of the battery. High charge mode will charge the batteries more quickly but may shorten the overall life of the batteries.
4. Notice the graphic in the LCD to see the percentage of charge for each battery over time.
5. Once the battery or batteries reach 90% the charger lowers its charging current for safety. You may remove the battery at this time and use it. Or you can leave it in the charger until it reaches 100%. Be aware the time necessary to charge from 90% to 100% will be long.

Notes:

- The USB port can be used while the dual charger is set to L or has no battery charging. It cannot be used while the charger is also charging a battery in H mode.
- Often a 'dead' battery will show a 10 or 20% charge on the LCD when it is first installed. This is correct. Even when a battery appears to be out of power it retains some charge in most cases.

### Symbols



Icon	Definition	Function Declaration
	High current charging mode	When the H icon appears, high current charging mode is engaged. For 1 battery the current is 1.5 A and for 2 batteries the current is 0.8 A
	Low current charging mode	When the L icon appears, low current charging mode is engaged. For 1 battery the current is 1.0 A and for 2 batteries the current is 0.5 A
	Battery icon	This icon appears to show a battery is installed in the corresponding charging slot.
	Battery capacity percent rate	This percentage will appear for each battery slot as a battery is being charged. It provides an approximate charged amount and changes in units of 10 at a time.
	USB power	When the USB Power symbol displays, the dual charger is charging a USB device.
	Car Charger icon	If this symbol appears blinking, it means there is not enough electrical input for the battery or batteries installed. Switch to AC input or a car receptacle with higher voltage /amperage.

#### ■ Precautions

1. Only use NP-F type batteries with compatible connections.
2. Remove batteries when their charging cycle is complete.
3. Avoid exposing the dual charger to moisture including rain and snow.
4. Please do not disassemble the charger by yourself.
5. Be careful not to drop the charger or place heavy objects on it.
6. This unit is intended for adult use only.
7. The unit's ideal working temperature is 0°C - 40°C | 32°F - 104°F.
8. Avoid exposure to extreme heat and don't expose it to direct sunlight.
9. It is normal for the charger to become warm while charging. Be careful when touching it.
10. Take out rechargeable batteries when the charger is not in use.

## One Year Unconditional Guarantee

If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return the product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If at any time after one year, your ProMaster product fails under normal use, we invite you to return it to ProMaster for evaluation.

[www.promaster.com](http://www.promaster.com)

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Code 9498

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