

KINCROME

Multi Function Jump Starters



KP1407 & KP1408

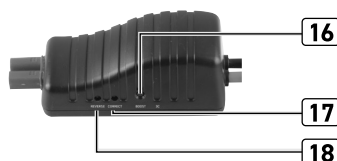
August 2022

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Know Your Product

1. ON / OFF / TEST Button
2. Battery Charge LED Indicators
3. 12V DC 10A Output Port
4. LED Torch / Emergency Light
5. USB-C 15W Input/Output Port
6. USB 5V/9V/12V Output Port
7. USB 5V-2.4A Output Port
8. Jump Start Cable Port
9. USB-C Charging Cable
10. Positive Battery Clamp RED
11. Negative Battery Clamp BLACK
12. INTELLI-CHECK Jumper Connector
13. 12V Accessory Plug - USB-C & USB-A
14. 3 in 1 Charging Cable
15. 12V DC Female Adaptor
16. BOOST Button
17. Correct Polarity LED
18. Reverse Polarity LED
19. Storage Case



INTELLI-CHECK Jumper Connector

- Reverse Polarity Check
- Over Discharge Protection
- Short Circuit Protection
- Surge Protection



Specifications	KP1407	KP1408
Size :	176 x 93 x 38mm	227 x 93 x 38mm
Weight :	585g	740g
Battery Capacity :	3700mAh x 3=11100 mAh	4000mAh x 4=16000mAh
Battery Cells :	3	4
Outputs :	Quick Charge (5V/3A,9V/2A,12V/1.5A), 5V/2.4A, USB-C 15W,12V/10A 12V Jump Start (up to 600CCA)	Quick Charge (5V/3A,9V/2A,12V/1.5A), 5V/2.4A, USB-C 15W,15V/10A 12V Jump Start (up to 1200CCA)
Input :	USB-C 15W	USB-C 15W
Full Charging Time :	Approx. 3 Hours	Approx. 4.5 Hours
Starting Current :	300CCA	500CCA
Peak Current :	600CCA	1200CCA
Operating Temperature :	-20°C ~ 60°C (4°F ~ 140°F)	-20°C ~ 60°C (4°F ~ 140°F)
Lifetime :	>1000 cycles	>1000 cycles

General Safety Warnings

Save all warnings and instructions for future reference.



WARNING! Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Electrical Safety

1. Charger plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs that are earthed (grounded). Unmodified plugs and matching outlets will reduce risk of electric shock.
2. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
3. Do not expose the Multi Function Jump Starter to rain or wet conditions. Water entering the Multi Function Jump Starter will increase the risk of electric shock.
4. Do not abuse the cords. Never use the cord for carrying, pulling or unplugging the charger. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. If operating a charger in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.
6. Do not operate powered products in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Powered products create sparks which may ignite the dust or fumes.
7. Keep children and bystanders away while operating any powered products. Distractions can lead to injury of yourself or the bystanders.
8. When battery pack is not in use, keep it away from other metal object, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
9. This appliance is not intended for use by persons (including children) with reduced physical sensors or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety.
10. Children should be supervised to ensure they do not play with the appliance.
11. Always take care when using this appliance.

Additional Safety Instructions for Batteries and Chargers

1. Do not modify or take the Multi Function Jump Starter apart, re-assemble, repair battery or charger to avoid breaking or damaging of the components.
2. Do not place or allow the Multi Function Jump Starter to come into contact with water, fire or high-temperature environments.
3. Do not puncture, damage or deform the Multi Function Jump Starter.
4. Do not allow the + /- terminals of the battery to come in contact with each other. This could cause a short circuit of the battery.
5. Do not store in locations where the temperature may exceed 60 °C.
6. Charge only at ambient temperatures between -20 °C and 60 °C.
7. Charge only using the charger provided with the product.
8. Do not attempt to charge damaged batteries.
9. Under abusive conditions, liquid may be ejected from the Multi Function Jump Starter; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, flush with water and seek medical attention. Liquid ejected from the battery may cause irritation or burns.
10. Use powered products only with specifically designated Multi Function Jump Starter. Use of any other battery packs may create a risk of injury and fire.
11. Dispose of batteries in accordance with your local council regulations.

General Safety Warning (Cont.)

Chargers

1. Use your Kincrome Charging Accessories only to charge the battery in the Multi Function Jump Starter with which it was supplied. Using a charger not designed for the battery it was intended for could cause battery failure, potentially leading to personal injury and damage.
2. Never attempt to charge non-rechargeable batteries.
3. Have defective cables replaced immediately.
4. Do not expose the Kincrome Charging Accessories to water.
5. Do not open the charger.

Labels on Tool

The following symbols are shown on the tool:

	Read the instruction manual before use.		Dispose of battery as per local government requirements.
	Warning		Risk of explosion
	Regularity compliance mark		Always wear eye protection
	Always wear safety gloves		

mAh: milli Amp hour	Wh: Watt-hour	CCA: Cold Cranking Amps
V: Volt	A: Amp	

Multi Function Jump Starter Care and Charging

Important Notice

Caution: The Multi Function Jump Starter is not supplied with a power supply. Any USB-C power supplies can be used as long as they DO NOT exceed 15W

1. When installing or removing the charger connector plugs, please hold the connectors firmly.
2. Don't stretch the cable or damage can occur to the cable & connector.

Note: For optimal performance, charge the Multi Function Jump Starter every 3-6 months and keep the Multi Function Jump Starter stored in a cool dry environment to extend the life of your product.

1. Charging the Multi Function Jump Starter Battery

Caution: Charge the Multi Function Jump Starter whenever the Battery Charge LED Indicators (2) are illuminated with 2 or less bars. It is also recommended to charge the Multi Function Jump Starter periodically (approx. every 3-6 months) to keep the Multi Function Jump Starter in optimal operating condition.

To check the Multi Function Jump Starters level of charge, press the ON/OFF/TEST Button (1) and refer to the below chart to confirm level of charge of the Multi Function Jump Starter.

Battery Charge Indicator (2)	Unlit LED's	4 Flashing LED's	1 Illuminated LED	2 Illuminated LED's	3 Illuminated LED's	4 Illuminated LED's
Battery Charge Condition	0%	10%	25%	50%	75%	100%

1.1. Charging from USB-C power supply (Optional Accessory P/N K10316)

- a. To charge the Multi Function Jump Starter with a USB-C power supply (optional accessory P/N K10316) located the USB-C to USB-C cable and insert one end into the Multi Function Jump Starter.
- b. Connect the other USB-C to the power supply and turn ON the mains power. When the Multi Function Jump Starter is charging the Battery Charge LED indicators (2) will flash ON & OFF unit each level of charge has been reached and will illuminate continuously.
- c. When finished charging, all battery charge LED indicators (2) will turn OFF.



(fig 1)

1.2. Charging with the 12V In Car Charger

- a. To Charge the Multi Function Jump Starter in car, locate the 12V accessory plug and USB-C to USB-C cable.
- b. Insert the 12V accessory plug into the 12V outlet, plug the cable into the 12V Kincrome charging accessory and the other end into the Multi Function Jump Starter.
- c. When the Multi Function Jump Starter is charging the Battery Charge LED indicators (2) will flash ON & OFF unit each level of charge has been reached and will illuminate continuously.
- d. When finished charging, all battery charge LED indicators (2) will turn OFF.



(fig 2)

1. Charging the Multi Function Jump Starter Battery (Cont.)

- a. **USB-C Power Supply** - Once fully charged the Battery Charge LED Indicators (2) will turn off and should be disconnected.
Note: Using one your other devices' USB-C power supply (not exceeding 15W) or purchase option power supply - P/N K16013
- b. **In Car Charging** - It is not recommended to leave the Multi Function Jump Starter connected to your vehicles 12V output source for extended periods of time as this could potentially drain your vehicles battery.

Multi Function Jump Starter Operation

2. Multi Function Jump Starter Pre-Operation Check

Caution: Before using the Multi Function Jump Starter ensure your vehicle battery has a CCA rating of 600CCA or less for the KP1407 & 1200CCA or less for the KP1408.

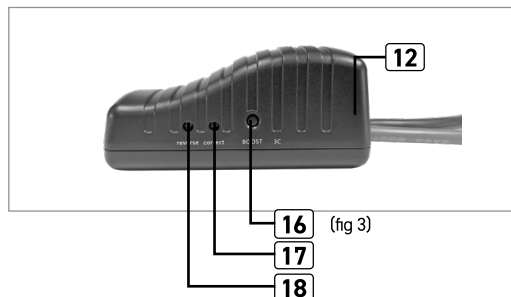
Trying to start any vehicle with a battery rated greater than 600CCA for KP1407 & 1200CCA for KP1408 could trip the current overload protection or cause damage to the Multi Function Jump Starter and void the product warranty.

Caution: Refer to your vehicles instruction manual for "connection of jumper cables" as some vehicles have specific connection requirements.

- a. Follow the below instructions when your vehicle will not start due to a low voltage, flat, damaged or low temperature battery.
- b. Ensure the Battery Charge LED Indicators (2) are illuminated, a minimum of 3 BLUE LED's are illuminated before trying to jump start your vehicle.
- c. Do not attempt to jump start your vehicle if the Battery Charge LED Indicators (2) are illuminated with 2 or less BLUE LED's.
- d. If the Battery Charge LED Indicators (2) are showing 2 or less illuminated BLUE LED's; recharge the Multi Function Jump Starter as specified in "Charging the Multi Function Jump Starter Battery" on Pages 5 & 6.
- e. Do not touch or connect the Positive Battery Clamp **RED** (10) to the Negative Battery Clamp **BLACK** (11) at any stage. Connecting the Battery Clamps together may lead to damage of the Multi Function Jump Starter, and/or vehicles battery and could be dangerous.
- f. Always ensure you connect the jump starter clamps to the correct battery terminals, connect the Positive Battery Clamp **RED** (10) to the positive terminal (+ RED) of your vehicles battery and the Negative Battery Clamp **BLACK** (11) to the negative terminal (- BLACK) of your vehicles battery otherwise you may cause damage to the Multi Function Jump Starter or your vehicle.
- g. Always check that the Battery Clamps have a good connection to the vehicle battery terminals.
- h. Check that the vehicle battery terminals are free of corrosion and are clean, to ensure a positive connection of the Multi Function Jump Starter.
- i. Do not try to restart the vehicle after 3 consecutive starting attempts, otherwise you may cause damage to the Multi Function Jump Starter. Check your vehicle for other possible reasons prior to trying to start your vehicle again.

3. INTELLI-CHECK LED / Button Indicators

The Multi Function Jump Starter is fitted with INTELLI-CHECK Jumper Connector (12). Familiarize yourself with the features of the INTELLI-CHECK as per below, prior to connecting to your vehicles battery.



Caution: Do Not press the “BOOST” Button (16) prior to connecting the jumper cables to your vehicle.

Note: Once the Multi Function Jump Starter is connected to your vehicles battery, the below indicators may be illuminated and function buttons used when needed.

GREEN LED Illuminated (Correct Polarity LED) (17): Indicating that the jumper clamps are correct and the circuit is working and ready for use, you can turn the engine ignition key to jump-start the vehicle.

RED LED Illuminated (Reverse Polarity LED) (18): Indicating that the jumper clamps are incorrectly connected and to disconnect the battery clamps and re-correct the clamps correctly.

GREEN LED (Correct Polarity LED) (17) flashing: Informing the user the vehicle battery is low, press the “BOOST button (16), wait for the GREEN LED to illuminate then turn the engine ignition key within 30s.

NO LED's Illuminated: Indicates the vehicle's battery maybe damaged or the jumper clamps may have a bad connection to the vehicles battery terminals. Check the jumper clamps connections to confirm a positive connection then, press the “BOOST” Button (16), wait for the GREEN LED to illuminate. Then you can turn the engine ignition key to jump-start the vehicle.

4. Multi Function Jump Starter Jump Starter Operation



WARNING! Do not leave your vehicle unattended at any time.

- a. Press the ON/OFF/TEST Button (1) and ensure that the Multi Function Jump Starter Battery Charge LED Indicators (2) are illuminated with a minimum of 3 BLUE LED's.
- b. Connect the BLUE connector plug located on the end of the INTELLI-CHECK Jumper Connector (12) into the Jump Start Cable Port (8). Ensure that the BLUE connector plug is firmly pushed into the Jump Start Cable Port (8) for a positive connection and ensure that the LED's on the INTELLI-CHECK Jumper Connector (12) are NOT illuminated.

Note: Failing to securely locate the BLUE connector plug could result in a reduced electrical contact causing the plug to melt or deform.

Caution: Ensure the battery terminals are clean and have no corrosion protection. Dirty terminals can result in poor contact of the clamp resulting in a premature failure.

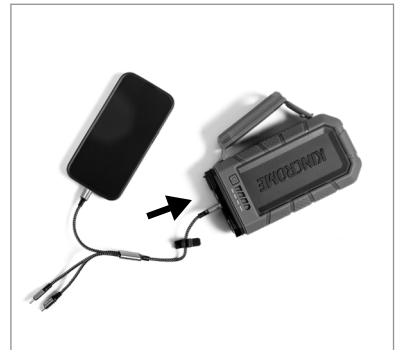
- c. Connect the INTELLI-CHECK Jumper Clamps (10 & 11) to the vehicles battery terminals correctly, connect the Positive Battery Clamp **RED** (10) to the positive terminal (+ RED) of your vehicles battery and the Negative Battery Clamp **BLACK** (11) to the negative terminal (- BLACK) of your vehicles battery.
- d. Turn your ignition key to start the vehicle.

Caution: If your vehicle does not start within 3 seconds wait for approx. 30 seconds and repeat steps 1-5.

- e. When the vehicle has started, disconnect the INTELLI-CHECK Battery Clamps (10 & 11) from the vehicle battery within 30 seconds, starting with the Positive Battery Clamp **RED** (10) first and then the Negative Battery Clamp **BLACK** (11).
- f. After disconnecting the INTELLI-CHECK battery clamps (10 & 11), leave the vehicle's engine running to recharge the battery.

5. Charging your Electronic Devices (Phone, Tablet, Lights etc.)

- a. Connect the 3 in 1 Charging Cable (14) into the USB-A Output Port.
- b. Choose the correct device connector located on the end of the 3 in 1 Charging Cable (14). Connect your chosen charging device connector into the appropriate charging input of your electronic device (fig 5).
- c. Turn ON the Multi Function Jump Starter by pressing the ON / OFF / TEST Button (1).
Your device will begin charging. Once your device is fully charged remove the charging adaptor or lead from your device and the Multi Function Jump Starter.



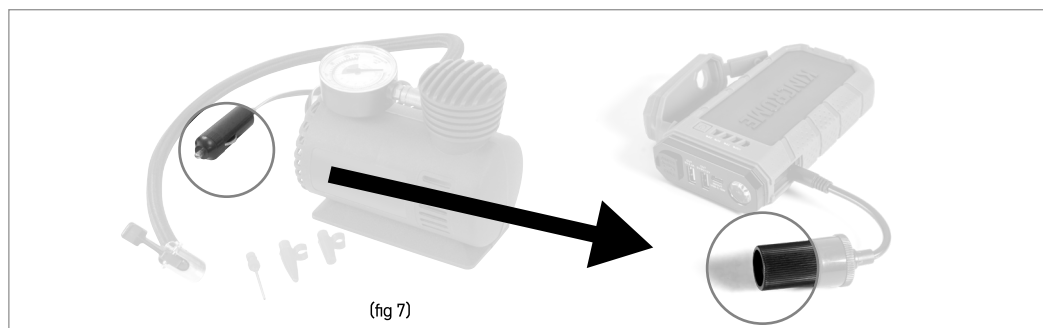
(fig 5)

6. Powering Your 12V DC Products

Note: Running time of the your device will vary depending on the devices input requirements & charge status of the Multi Function Jump Starter.

Caution: The Multi Function Jump Starter is only meant to operate small low amperage accessories and not items such as in vehicle refrigerators, winches etc.

1. Connect the 12V DC Female Connector (15) into the 12V DC 10A Output Port (3).
2. Connect the other end of the 12V DC Female Adaptor (15) into your chosen 12V DC vehicle accessory (fig 7).
3. Turn the Multi Function Jump Starter ON the by pressing the ON/OFF/TEST button (1).
4. Once you have finished using your 12V DC product, remove the 12V DC Female Adaptor (15) from your accessory and the Multi Function Jump Starter.



7. LED Torch/Emergency Light

1. Press and hold the ON/OFF/TEST button (1) for approx. 3 seconds to turn ON the LED Torch/Emergency Light (4).
2. To change to the STROBE LED mode, press the ON/OFF/TEST Button (1) once.
3. To change to the SOS LED mode press the ON/OFF/TEST Button (1) once again.
4. Turn OFF the LED Torch/Emergency Light (4) feature by pressing the ON/OFF/TEST Button (1) again.

Composition and amount of toxic and harmful substance in Multi Function Jump Starter

Pb	Hg	Cd	Cr(Vi)	PBB	PBDE
0	0	0	0	0	0

0 : Indicate all homogeneous materials hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC (RoHs).

9. Frequently Asked Questions

Q. How do I turn ON the Multi Function Jump Starter?

A. Press the ON / OFF / TEST Button (1).

Q. How do I turn OFF the multi-function Multi Function Jump Starter?

A. The Multi Function Jump Starter will turn OFF automatically when not in use (approx. 1-2min), or when charging has completed.

Q. How many times can the Multi Function Jump Starter re-charge my mobile phone?

A. The Multi Function Jump Starter can recharge your mobile phone approx. 2 - 3 times for the KP1407 & approx. 2 - 4 times for the KP1408. The quantity of re-charges for mobile devices could vary depending on the product and its battery capacity, also how charged the Multi Function Jump Starter is at the time.

Q. How long will the Multi Function Jump Starter take to re-charge my mobile phone?

A. The Multi Function Jump Starter can recharge your iPhone 5/6/7/8/10/11/12/13 mobile phone in approx. 1 hour. Other mobile devices could take longer depending on the product and its battery capacity.

Q. How many times can the Multi Function Jump Starter jump start my vehicle if the battery is fully charged?

A. The Multi Function Jump Starter can deliver approx. 20 starts for KP1407 & approx. 50 starts for KP1408 on a when fully charged but varies depending on the vehicles starting power and draw requirements.

Q. How long will a fully charged Multi Function Jump Starter remain charged sitting in my vehicle?

A. The Multi Function Jump Starter can remain up to 80% charge for up to 6-8 months. The internal temperature of your vehicle can affect the battery charge time so it is recommended to check or recharge the Multi Function Jump Starter every 3-6 months to ensure it is in optimal working condition.

10. Resetting The Current Overload

If the Multi Function Jump Starter will not turn ON, the current overload or low voltage protection may have activated. To reset the jump starter you must connect the supplied USB-C to USB-C cable to your mains power (via a power adapter optional). Then connect the charger lead to the USB-C 15W input/out source & turn ON the mains powers. This will reset the Multi Function Jump Starter and should now function as normal.

11. Troubleshooting

Problem	Causes	Solutions
The Battery Charge LED Indicators (2) are showing 4 illuminated LED's , but will not start the vehicle or charge any device.	During extended periods of non use or extreme temperatures the Multi Function Jump Starter could loose charge of up to 40%, but the unit may still indicate full charge.	Recharge the Multi Function Jump Starter using one your other devices USB-A or USB-C power supply (not exceeding 15W) or the car charger via the USB-C cable.
No response when pressing the ON/OFF/ TEST Button (1) of the Multi Function Jump Starter.	The low voltage/over current overload circuit within the Multi Function Jump Starter has initiated.	To reset the low voltage/over-current connect the Multi Function Jump Starter using the supplied USB-C to USB-C cable to a USB-C power supply (not supplied/optional).

Included	Qty	Included	Qty
Multi Function Jump Starter	1	12V Accessory Plug (13)	1
3 in 1 Charging Cable (14)	1	INTELLI-CHECK Connector (10)	1
USB-C Charging Cable (9)	1	Instruction Manual	1
12V DC Female Adaptor (15)	1	Storage Case	1

12. Spare Parts

- | | |
|---------------------------------------|----------|
| 1. 3 in 1 Charging Cable (14) | KP1440 |
| 2. USB-C Cable (9) | KP1441 |
| 3. 12V Accessory Plug - USB-C & USB-A | KP1407-1 |
| 4. INTELLI-CHECK Connector (12) | KP1407-4 |
| 5. 12V DC Female Adaptor (15) | KP1407-3 |
| 6. USB-C Power Supply | K10316 |

13. Office Contact Details



Phone: 1300 657 528



Fax: 1300 556 005



Email: enquiries@kincrome.com.au



Website: www.kincrome.com.au

14. Caring For The Environment



When a tool is no longer usable it should not be disposed of with household waste, but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

15. Warranty

Our goods and services come with guarantees that cannot be excluded under the Australian Consumer Law. For major failures with the service, you are entitled: -to cancel your service contract with us; and -to a refund for the unused portion, or to compensation for its reduced value. You are also entitled to choose a refund or replacement for major failures with goods. If a failure with the goods or a service does not amount to a major failure, you are entitled to have the failure rectified in a reasonable time. If this is not done you are entitled to a refund for the goods and to cancel the contract for the service and obtain a refund of any unused portion. You are also entitled to be compensated for any other reasonably foreseeable loss or damage from a failure in the goods or service'. Kincrome Australia Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria (Tel 1300 657 528) also provides the Kincrome Lifetime Guarantee and 12-Month Warranty (Kincrome Express Warranties) in respect of some of its products. If a product is covered by a Kincrome Express Warranty and it has materials or workmanship defects (other than defects caused by abnormal or non warranted use) which are covered under the terms of the relevant Kincrome Express Warranty, you can, at your cost, send the product to the above address for repair or replacement. Your rights under a Kincrome Express Warranty are in addition to any other rights you have under the Australian Consumer Law or other applicable laws. For further details and terms please check our product guide, visit www.kincrome.com.au or call us. Every effort is made to ensure advertised stock is available, but due to factors beyond the control of Kincrome Australia Pty. Ltd, not all products advertised in this catalogue may be available at all stores. Kincrome Australia Pty. Ltd. reserves the right to correct printing errors. All sizes shown are approximate only. Accessories shown do not come with the product unless otherwise specified. Due to printing process, colours in this catalogue may vary slightly to actual item. E. & O. E. © Copyright 2022. Reproduction in whole or in part is prohibited without written approval.

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