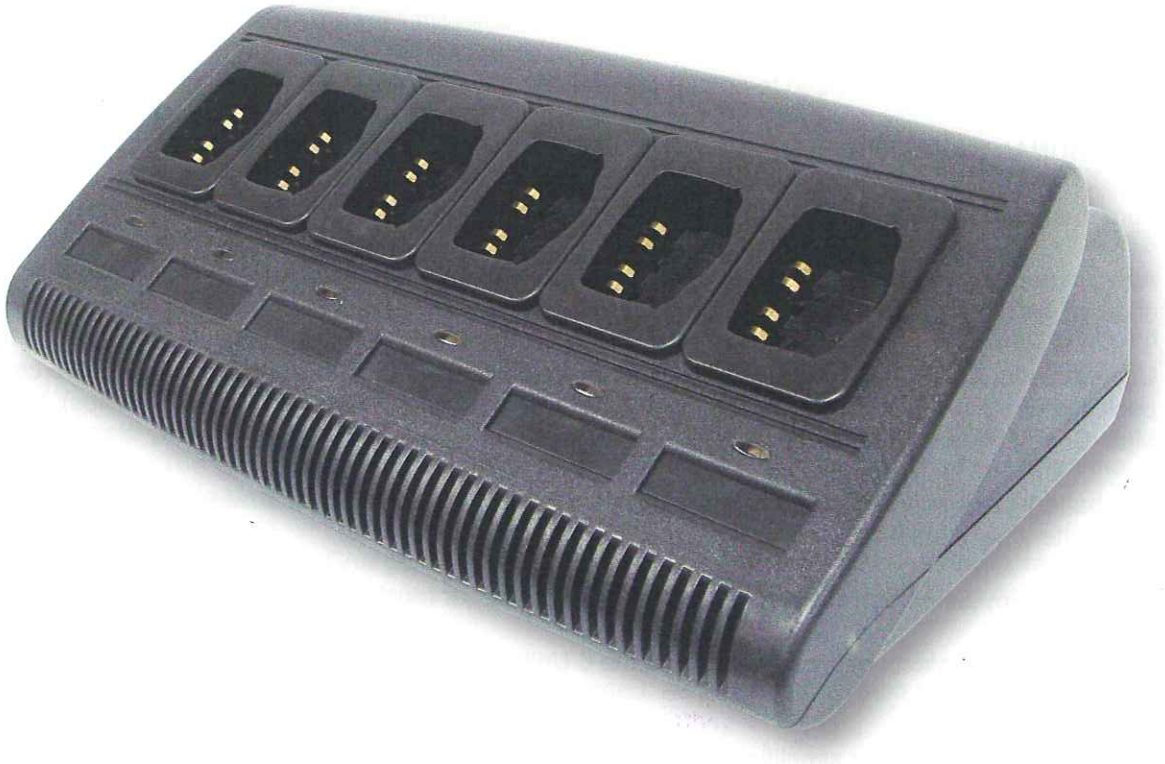
MTech

MAX-6

6 Units Multi-Charger



Instruction Manual

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This document contains important safety and operating instructions. Please read this instruction manual carefully before using the 6 Units Multi-Charger.

CAUTION

1. To reduce the risk of injury, charge specified Ni-Cd, Ni-MH and/or Li-Ion rechargeable batteries (1,500mAh) only. Other types of batteries may burst, cause damage and personal injury.

2. It is not recommended to use the 6 Units Multi-Charger with accessories. It may result in risk of fire, electric shock, or serious injury.

3. This equipment is not suitable for outdoor use, use only in dry locations/conditions to avoid rain, snow or any liquids.

4. Do not attempt to charge alkaline or dry cell batteries. They may burst causing damage and personal injury.

5. To reduce risk of fire, electric shock, or injury, do not operate the 6 Units Multi-Charger if it has been broken or damaged in any way. Take it to a qualified service representative for inspection.

6. Do not allow children to touch the 6 Units Multi-Charger. Place it in a secure place to avoid inadvertent use by them.

7. Keep the 6 Units Multi-Charger away from TV sets or radios to prevent interference.

8. Do not place liquids on or near the 6 Units Multi-Charger.

9. Never incinerate used batteries. This may cause an explosion.

10. Disconnect from line voltage by removing the mains plug from the outlet.

11. The socket outlet to which this equipment is connected should be closed and easily accessible.

12. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

13. Children should be supervised to ensure that they do not play with the 6 Units Multi-Charger.

OPERATIONAL SAFETY GUIDELINES

1. Turn the radio off when charging the battery.

2. Avoid overcharging - Batteries must be removed from 6 Units Multi-Charger to stop charging. Batteries should not be charged for more than 15 hours after the LED indicator turns green.

3. Use the batteries until they become almost completely exhausted under normal conditions. Be careful of the battery pack's temperature - When the battery pack is extremely cold (especially for Ni-MH batteries), the 6 Units Multi-Charger cannot charge the battery.

4. The battery pack will reach the end of its life when the operating period becomes extremely short after fully charged. A new battery pack must be purchased.

5. The maximum temperature around the 6 Units Multi-Charger must not exceed 40°C (104°F).

6. Make sure the contacts of the batteries and the 6 Units Multi-Charger are clean. Otherwise the batteries may not be fully charged.

7. The 6 Units Multi-Charger simplifies the charging and battery care process:
   a) Place the radios / batteries into the charger pockets.
   b) Remove the radios / batteries when fully charged.

8. With this unique patented system approach, there is no need to track and record battery use, conduct manual reconditioning cycles or remove batteries from chargers.

9. To ensure optimum performance, all new batteries should be charged for 14 to 16 hours prior to initial use.

10. For fuse replacement, use the input of AC 100-240V ~50/60Hz 2.5A rating which listed on the AC inlet.

11. The charger pockets accommodate either a radio with a battery attached or a battery alone. Prior to charging a radio with a battery, turn the radio off. Batteries charge best if they are at room temperature when charged.
    a) Plug the connector of the power cord into the AC receptacle located at the back of the charger.
    b) Plug the wall receptacle end of the power cord into the appropriate AC outlet. A successful power-up sequence is indicated by a SINGLE FLASH GREEN on the charger indicator.
    c) Insert a battery, or radio with a battery (radio turned off), into a charger pocket by
        i) aligning the groove on each side of the battery with the corresponding raised rail on each side of the charger pocket,
        ii) pressing the battery towards the rear of the pocket,
        iii) sliding the battery into the charger pocket, ensuring complete contact between the charger and battery contacts.

12. Once a battery is properly seated into a 6 Units Multi-Charger pocket, the 6 Units Multi-Charger indicator illuminates, indicating it has recognized the presence of a battery. Please refer to the charging indications as below.

Charge Indicator	*Descriptions*
Single Flash Green	Charger has successfully been powered up.
Steady Red	Battery is in rapid charging mode.
Flashing Green	Battery has completed rapid charging (>90% available capacity).
	Battery is in Top-Off charge (Trickle charge).
Steady Green	Battery has completed charging and is fully charged.
Flashing Yellow	Battery is recognized by charger but is waiting to charge.
Flashing Red	Battery is unchargeable or not making proper contact.
Steady Yellow	Battery is in recondition mode.
Flashing Red/Green	Battery has completed charging and is fully charged.
	Battery continues to be usable, but may be nearing the end of its rated service life.

13. At any time during the reconditioning process of a battery (STEADY YELLOW indication), reconditioning may be terminated by removing and reinserting the battery within 5 seconds. This causes the 6 Units Multi-Charger indicator changes to a STEADY RED.

14. The 6 Units Multi-Charger incorporates the features of
    - a universal input (AC 100-240V ~50/60Hz 2.5A) power supply
    - output: 6 x (7.2V ⎓ 1A)
    - a constant current rapid charger
    - an interrupted current (negative pulse) conditioning charger
    - a reconditioning unit.

15. The combination of the features listed above is unique in a desktop 6 Units Multi-Charger. Therefore, operation of a radio with a battery attached while in the 6 Units Multi-Charger is not recommended.

16. While in the 6 Units Multi-Charger, radio operation can result in minimally reduced radio performance and extended battery charge time.

17. Towards the end of the rapid charge cycle (STEADY RED indication), the battery voltage exceeds the normal operating voltage of the radio. The voltage returns to a normal level following the rapid charge mode or when the battery is removed from the 6 Units Multi-Charger.

18. If a radio is turned on while the 6 Units Multi-Charger is in rapid charge mode, the radio becomes temporarily inoperable. This condition can be cleared by removing the radio from the 6 Units Multi-Charger and turning the radio off and on again.

19. During the reconditioning process, the battery becomes fully discharged. As a result, the radio may not function during reconditioning mode.

20. The 6 Units Multi-Charger can only be repaired by a qualified service technician. Any violation of this policy can void unit warranty.

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Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out. The manufacturer may indicate compliance to said directive(s) by signing a DoC himself and applying the CE-marking to products identical to the tested sample(s). In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standard(s) if relevant. Additional requirements may be applicable such as additional directives or local laws.

Company Name & Address	**: M-Tech Dynamic Corporation Limited Unit 5, 17/F., Grandtech Centre, 8 On Ping Street, Shatin, N.T., Hong Kong**
Product(s) Tested	**: 6 Units Multi-Charger**
Ratings and principal characteristics	**: INPUT: 100-240V ~ 50/60Hz 2.5A OUTPUT: 6 x (7.2V ⎓ 1A)**
Model(s)	**: MAX-6**
Brand Name	**:**
Relevant Standard(s)/ Specification(s) / Directive(s)	**: EN 60335-2-29 : 2004 Household and similar electrical appliances - Part 2-29: Particular requirements for battery chargers EN 60335-1 : 2002 + A11 + A1 + A12 + A2 + A13 Household and similar electrical appliances - Part 1: General requirements EN 62233 : 2008 Measurement method for electromagnetic fields of household appliances and similar apparatus with regard to human exposure Low Voltage Directive (2006/95/EC) - LVD**
Verification Issuing Office Name & Address	**: Intertek Testing Services Hong Kong Ltd. 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.**
Verification/Report Number(s)	**: HK08072011-1 HK08072011-2**

NOTE : This verification is part of the full test report(s) and should be read in conjunction with it.

Digitally signed by Ng Shiu Yuen, Eric
Location: Intertek Testing Services Hong Kong Limited

Signature

Name: Ng Shiu Yuen, Eric
Position: Senior Lead Engineer
Date: 02 Apr 2009

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