



Charging Indicators:

1. When connected to the mains and no battery is fitted, the indicator lamps of all six positions will flash green.
2. When an empty battery is inserted in any one of the positions, the corresponding indicator lamps will flash red.
3. When the battery is close to be fully charged, the corresponding indicator lamp of the position will flash between green and red. The duration of this state will vary for different battery capacity and type.

When batteries are fully charged, the corresponding indicator lamps will flash green.

Note: When the indicator lamp for the position turns from red to green and ambient temperature <25 , continue charging for 2-4 hours to make sure batteries are fully charged. However do not exceed a maximum of 4 hours. (Batteries will not be damaged if charging continues after the indicator lamp turns from red to green as long as extra charging does not exceed 4 hours).

The alarm will sound if there is an error such as faulty battery, short circuit or if batteries are incorrectly inserted.

Suitable Battery Type:

The four 1.2V positions will charge different sizes of battery, 1.2V Ni-Cd, NI-MH, and rechargeable alkaline batteries. The 12V position will charge 12V rechargeable batteries only. The 9V positions will charge 9V rechargeable batteries only.

Note: The charger can also charge disposable battery (non rechargeable type) such as alkaline, zinc carbon, high power battery for emergency use. However, the charging effect is limited, so the user should not attempt to charge this type of battery frequently. If recharging non-rechargeable types, please ensure that the battery is removed from the unit when the battery is fully charged, (when the lamp flashes green.)

Position Protection:

Each position (channel) has built in special protection, when problems such as short circuit, reverse polarity or damaged batteries are fitted, the charger will automatically detect and identify that a problem exists. When any one position has a problem, an audible warning will sound, warning the user to check the battery or battery placement for possible causes, at the same time, the current of all positions except 9V and 12V will be cut off. Once the cause of the problem has been eliminated (damaged batteries are removed or batteries are properly positioned into the charger), the alarm will stop and the four 1.2V positions will resume original charging state.

IMPORTANT SAFETY INSTRUCTIONS

- The most suitable environment for charger working: ambient temperature: 0-25 , ambient humidity <80%. (Do not operate the charger in high ambient temperature or high humidity). The temperature of batteries should not exceed 45 during charging. (Exceeding these conditions could result in a shortened battery life, and or exploding batteries.)
- Make sure that the charger lid is in the closed position during the charging sequence.
- Make sure the adaptor is compatible with UK voltage.
- If the adaptor is damaged, replace it with one having the same technical specification as the original. (Input: AC 230V/ output: AC 6V 600mA).
- Keep children away from the adaptor/charger when in use.
- Keep away from water, and sources of heat when the charger is working.
- Remove batteries as soon as charging is complete.
- Remove the plug from the wall socket after charging is complete and before removing the batteries from the charger.
- Make sure to remove ordinary batteries when the LED turns to green.
- There are no user serviceable parts, please return to your supplier if a fault occurs.

Please retain these instructions for future reference.

TECHNICAL SPECIFICATION AND FEATURES

(Test condition: ambient temperature: 20±5 , ambient humidity: 65±20%)

1. Adaptor: Input:

AC230V/ output: AC6V 600mA

2. Charging positions:

Total six positions; include four 1.2V positions, one 9V position and one 12V position. The four 1.2V positions operate on one charging system; the 9V position and 12V position operate on another. The two systems work independently. However when charging, each position works independently.

3. Charging current:

- 1.2V positions: charging initiates with an impulse current. When the voltage of the battery is 1.1V, current for this position is not less than 300mA. When the indicator lamp changes to green, the charger will automatically switch to a trickle charge current <100mA.
- 9V position: charging initiates with normal current and current for the position <30mA. When the indicator lamp changes to green, the charger will automatically switch to a trickle charge current <5mA.

- 12V position: charging initiates with normal current and current for the position <20mA. When the indicator lamp changes to green, the charger will automatically switch to a trickle charge current <5mA.

4. Fully Charged time for this charger:

Note: times for different capacity, type and brand of batteries will vary. User should check the indicator lamp state to determine battery-charging status.

Note: 1.2V are standard rechargeable batteries, the item can be used to refresh standard 1.5V non-rechargeable batteries.

The following tables can be used as a guide for charging times:

1) 1.2V positions (example: Ni-MH battery)

Ni-MH Battery capacity (mAh)	Fully charged time (hours)
750	7
1300	12
1800	16.5

2) 9V position (example: Ni-MH battery)

Ni-MH Battery capacity (mAh)	Fully charged time (hours)
210	16

3) 12V position

Rechargeable battery capacity (mAh)	Fully charged time (hours)
60	6.5

Above charge times shown in the tables are approximate and to be used only as a guide.



Disposal:

- Dispose of the packaging at your local recycling centre.
- Dispose of paper and carton separately from plastic bags at your local recycling centre.
- Dispose of the item at the end of its lifespan at your local authorised household waste recycling centre.

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