

READ INSTRUCTIONS BEFORE USE.

IMPORTANT SAFETY INSTRUCTIONS

- The charger is designed for indoor use : do not expose to damp or rain.
- Do not attempt to open the charger. Repairs should only be carried out by a qualified service center.
- Use the charger only for Nickel-Cadmium (Ni-Cd) or Nickel-Metal Hydride (Ni-MH) batteries. Do not attempt to charge any other rechargeable batteries.
- Do not charge at the same time Nickel-Cadmium (Ni-Cd) or Nickel-Metal Hydride (Ni-MH) batteries. Do not mix both types.
- Remove the batteries from the unit once they are charged, and disconnect the charger from the power outlet.
- Do not connect the charger to any other apparatus.
- Before scrapping your charger, remove the batteries from the unit.

CHARACTERISTICS**1. Compact charger**

The UNIROSS charger is designed to charge Ni-Cd or Ni-MH batteries in the following compartments:

- 2 or 4 batteries size AAA / R03 / Micro
- 2 or 4 batteries size 3V Block / R6 / Mignon
- 1 or 2 batteries size 3V Block / R22 / PPG

It is possible to charge 1, 2, 3 or 4 R03 or R6 size batteries. R22 batteries can be recharged individually or by pair. It is possible to charge 1 and/or 2 R03 and/or R6 batteries and one R22 battery at the same time.

2. Description

1. Manually selector : position A = 6h / position B = 5h
2. Locations A, B, C and D to charge batteries size AAA / R03 / Micro and AA / R6 / Mignon
3. Indicator lights (respectively CH1 and/or CH2) :
- red, indicating charging of battery size R03 and/or R6 in locations respectively A and B and/or C and D is in progress.
- green, indicating that battery size R03 and/or R6 in locations respectively A and B and/or C and D is in trickle charge
4. Locations E and F to charge batteries of the 3V Block / R22 / PPG size.
5. Red indicator light (CH3) denoting that the charging of 3V Block / R22 / PPG size batteries in locations E and/or F is in progress.

**3. Safety timer**

The charger has a timer operating safely for batteries of AAA / R03 / Micro & AA / R6 / Mignon size. The timer trips automatically when the charger is plugged into the power point. Therefore, it is important:

- to disconnect and reconnect the charger each time new empty batteries are to be charged.
- during the charge, not to disconnect and reconnect the charger unless the batteries have been discharged in the meantime.

INSTRUCTIONS

- Place 2 or 4 batteries size R03, R6, or 1 to 2 batteries size R22 in the charger compartment in compliance with the +/- polarity markings engraved in the bottom of the charger.
- Set cursor (1), to the "A" position or "B" position depending on the battery size (see table of charge time below). Do not mix Ni-Cd batteries with Ni-MH batteries; charge Ni-Cd and Ni-MH batteries separately.
- Connect the charger to a power outlet.
- If 1 or 2 R03 or R6 batteries are placed in channels A and/or B, the indicator light CH1 will turn red, denoting that charging is underway. If 1 or 2 R03 or R6 batteries are placed in channels C and/or D, indicator light CH2 will become red, denoting that the charging is in progress. When the charge is complete, the indicator light will turn green. Following charge table, the indicator light will turn to green: trickle charge will then begin. The batteries will be considered as charged and can be used.
- If 1 or 2 R22 batteries are placed in channels E and/or F, indicator light CH3 will turn red. The charge does not indicate the end of R22 battery charging. It is necessary to end the charge at good time (see charge time table below) by disconnecting the charger from the electrical power point and removing the batteries from the charger.

BATTERY CHARGE TIME

Battery type	Capacity	Approximate charge time	Safety timer*
AAA / R03 / Micro (Ni-Cd)	250mAh	3h	A
AAA / R03 / Micro (Ni-MH)	600mAh	7h	B
AA / R6 / Mignon (Ni-Cd)	500mAh	3h	A
AA / R6 / Mignon (Ni-MH)	1200mAh	6h	A
3V Block (Ni-Cd)	100mAh	1h	B
3V Block (Ni-MH)	100mAh	1h	B
3V Block (PPG)	100mAh	5h	-
3V Block (Ni-MH)	100mAh	1.1h	-

* Position A = 6h / Position B = 5h

TECHNICAL CHARACTERISTICS

- Input voltage : 220-240V - 50/60Hz 12V
- Output current : 265-320mA for R6/AA, 115-130mA for R03/AAA, and 15-22mA for R22/3V Block
- To be used in Europe
- Electronics : AA1800001-A / AA1800001-B

X Press 300 Repair Manual

Thomas Griffiths



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