ANSMANN®

# PHOTOCAM V

D GB BG CZ DK E F FIN GR H HR I

LT LV NL PL RO RUS S SK SLO TR UA

## (GB) OPERATING INSTRUCTIONS PHOTOCAM V

Dear Customer,
Thank you for deciding to buy the ANSMANN PHOTOCAM V charger. Please read the operating instructions carefully before use. We hope you will be happy with your new charger.
Your ANSMANN Team

### SAFETY INSTRUCTIONS

> Please read the operating instructions carefully before using the charger!
> Do not use the device if there are signs of any damage to the housing or cable. Please contact an authorised dealer if in doubt!
> Only charge either NiMH or NiCd cells. Danger of explosion if other types of batteries are inserted! Do not attempt to charge non-rechargeable batteries!
> Observe polarities (+/-) prior to insertion!
> Keep the charger in a dry environment!
> In order to avoid the risk of fire and/or electric shock, the charger must be protected against high humidity and water!
> Before cleaning the unit, disconnect it from the mains and only use a dry cloth!
> Never attempt to open the device!
> Keep away from children's reach! Children should be supervised to ensure that they do not play with the charger!

> The device is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are given supervision or specific instructions!
> Do not leave the device unattended when in operation!
> Disconnect the charger from mains supply after use!
> If the safety instructions are not followed, it may lead to damage to the charger or battery and could cause injury!
> We recommend the use of ANSMANN rechargeable batteries!

## FUNCTIONAL OVERVIEW

> Intelligent charger for 1 - 4 NiMH or NiCd rechargeable cells in sizes Micro (AAA), Mignon (AA), Baby (C), Mono (D) plus one 9V Block (E)
> Charging status indicator via LED
> Individual charging of each cell position
> Reverse polarity protection
> World wide use (100-240V AC / 50-60Hz)

**For round cells:**

> Capacity quick test for approx. 5 seconds after inserting the cells
> Microprocessor controlled charging
> Automatic charging current adjustment
> Multiple over-charging protection
> Trickle charging
> Faulty cell detection / accidental Alkaline insertion detection

## OPERATION

Connect the charger to the mains power (100-240V AC / 50 - 60Hz).
1. Charging of round cells: 1 - 4 NiMH or NiCd rechargeable batteries of the sizes Micro (AAA), Mignon (AA), Baby (C) or Mono (D) can be charged. To insert round cells slide the contact bridge backwards and put in the rechargeable battery at the bottom of the charging slot. Always connect the cells in the right direction for polarity according to the symbols in the charging slot. Immediately after inserting a cell, the charger measures its capacity and indicates the result for approx. 5 seconds via the LED next to the specific charging slot (see CAPACITY QUICK TEST FOR ROUND CELLS). Then the charging procedure starts automatically. The charge condition of the cells before charging is irrelevant. The charge status of each cell will be indicated on the respective LED above each charging slot (see CHARGING STATUS INDICATOR FOR ROUND CELLS). The cells do not have to be inserted simultaneously as the charging processes are independent from each other. It is normal that cells become warm during charging. After charging is completed, the charger switches automatically to trickle charge.
2. Charging of 9V battery: One 9V Block (E) can be charged when no Mono (D) batteries are inserted on the left or right side of the 9V charging slot. Ensure that you insert the 9V battery in the correct direction for polarity according to the symbols in the charging slot. The indicator (LED) above the 9V charging slot lights red when the battery is inserted correctly. Please only charge discharged batteries to avoid over charging the 9V battery. Please take a look to the charging times per 100mAh in table [1] and remove the 9V battery from the charging slot after the correct charging time.

**CAPACITY QUICK TEST FOR ROUND CELLS** (indication for approx. 5 seconds)

| | |
|---|---|
| LED green lights: | battery is nearly fully charged, so charging is not necessary |
| LED green blinking: | battery has some reasonable capacity, but charging still recommended |
| LED red lights: | battery has little capacity, so charging is required |

| | |
|---|---|
| LED red blinking: | battery in completely discharged, charging urgently required |

## CHARGING STATUS INDICATOR FOR ROUND CELLS

| | |
|---|---|
| LED red lights: | fast charging |
| LED green lights: | ready / trickle charging |
| LED red blinking: | faulty cell or non rechargeable battery inserted |

## CHARGING INDICATOR FOR 9V BLOCK E

| | |
|---|---|
| LED red lights: | Charging |

## ENVIRONMENTAL COMMENTS

Do not dispose the charger in the normal household waste. Please return it to your dealer or to your nearest recycling centre or collection point. Please recycle all packing materials for the sake of the environment. Batteries must not be disposed of in the household waste. Dispose batteries at a collection point or at an appropriate retail store.

## CARE & MAINTENANCE

To make sure that the charger works properly, please keep the contacts in the charging slots free from dust or contamination. To clean the unit disconnect it from the mains or car and use only a dry cloth.

## TECHNICAL DATA

| | |
|---|---|
| Input | 100-240V AC / 50-60Hz |
| Charging current for 1-2 round cells: | 800mA / Mignon AA, Baby C, Mono D<br>400mA / Micro AAA |
| Charging current for 3-4 round cells: | 400mA / Mignon AA, Baby C, Mono D<br>200mA / Micro AAA |
| Charging current for 9V Block E: | 15mA |

## DISCLAIMER

Information in these operating instructions can be changed without prior notice. ANSMANN cannot accept liability for direct, indirect, accidental or other claims or consequential damages originated by not using this device as indicated by these operating instructions.

## WARRANTY NOTICE

We hereby offer a 3 year warranty on this charger. This does not apply to damages caused by low-quality batteries leaking inside the charger or non-observance of the operating instruction or physical damage due to lack of proper care.