

# Instructions for Use MicroCharger G1

The MicroCharger is one of the smallest and lightest Chargers for rechargeable batteries (accu-batteries) with the standard size AA (mignon) and AAA (micro).



## 1. Power source

MicroCharger G1 needs an external power source. On the one hand any USB interface on PC or laptop and also USB-Power supplies (for MP3 players etc.) is suitable.



On the other hand, thanks to the adapter cable supplied, any Nokia compatible AC-Adapter /-Charger with 3.5 round plug in the whole world can be connected (no matter whether it is a power supply, Car charger cable, solar charger etc)

## 2. Inserting the accu-batteries

In the MicroCharger either AA or AAA Nickel Metal Hydride (NiMH) or Nickel Cadmium (NiCd) accu-batteries can be inserted as a pair or single. The adaptation to the different battery length is done by turning down the + (plus) contact bar (small plastic nib underneath the red LEDs).



**Attention: One-way/ disposable batteries may not be inserted !**

## 3. Charging process

If the rechargeable battery is inserted correctly the charging process starts automatically. This is confirmed by the red LEDs as a function control. Every inserted accu-battery is controlled separately by the charging electronics and therefore cannot be over-charged. This slow charging mode takes longer, but is very gentle to the batteries.



## 4. Charging duration

The charging current per accu-battery / charging tray is limited to 120mA. With consideration of the power loss the charging duration can be easily calculated in relation to the battery capacity (with empty batteries).  
Battery capacity (mAh) : 100 = charging time (hours).  
For example: An empty AAA accu-battery with a capacity of 700mAh is fully charged after 7 hours.

As soon as an accu-battery is fully charged, the charging current is reduced automatically to a few Milli-Ampere (floating charge).

You don't have to supervise the charging process - even after a longer time **NOTHING** can happen. The function control (red LEDs) only extinguishes when the the batteries are taken out. of the charger. After the charging process is ended, the MicroCharger does not consume power anymore..

