

# Handling of batteries

01/2025

## 1. Affected devices

Part number	Name	Manufacturer	Model	Size
7 620 200 037	CSX 2013	Panasonic	LR03 AAA	AAA
7 620 320 024	DVP 08C (RC2)	Panasonic	LR03 AAA	AAA
7 620 320 028	DVP 08C (RC5)	Panasonic	LR03 AAA	AAA
7 620 230 020	Radio microphone (Europe)	GP Battery	Extra heavy-duty	AA
7 620 270 012	ChargingStation W	NEX cell BATTERY	Low self-discharge Ni-MH rechargeable battery	AA
7 620 270 011	ChargingStation D	NEX cell BATTERY	Low self-discharge Ni-MH rechargeable battery	AA
7 620 320 035	DVB-T2 Tuner Gen 2	Gritty	R03P-B(GR)	AAA
7 620 320 031	DVB-T2-Tuner	Various	Various	CR2032

## 2. Potential hazards

The contents of batteries are enclosed in gas-tight metal housings, which are designed to withstand the temperatures and pressures that arise when the batteries are used and handled as intended. If used normally and in accordance with the manufacturer's instructions, there is no risk of ignition or explosion, nor any risk of escaping battery substances.

## 3. Handling and occupational health and safety

### 3.1 Protect batteries against moisture

Always protect batteries against moisture, e.g. rain or splash water, and do not submerge them in liquids, e.g. water. Contact with liquids can result in damage, which in turn can lead to heat development, smoke emission, ignition or explosion of the batteries – sometimes hours or even days after the damage occurred.

### 3.2 Do not expose batteries to flames or heat

Fires or temperatures in excess of 130°C can cause batteries to ignite or explode.

### 3.3 Do not use damaged, deformed or modified batteries

Damaged, deformed or modified batteries can exhibit altered properties that can result in fire, explosion, leakage or injuries.

### **3.4 Possible escape of flammable substances from faulty batteries**

If batteries are used incorrectly or in the case of faulty batteries, a slightly acidic, flammable liquid can escape. Avoid any contact with this liquid. In the event of skin contact, rinse immediately with plenty of water. If contact with eyes occurs, rinse with clean water and seek medical attention immediately. The escaping liquid can cause skin irritation or burns.

### **3.5 Do not open or dismantle batteries**

Opening or dismantling batteries can alter or disable the implemented safety and protective measures. This in turn can lead to heat development, smoke emission, ignition or explosion of the batteries.

### **3.6 Charge batteries only using approved chargers of the relevant battery system**

Charge batteries only using chargers that are recommended and approved by the manufacturer for the respective battery type. Charging batteries using non-approved chargers poses a risk of fire and explosion.

### **3.7 Do NOT charge non-rechargeable batteries**

Charging non-rechargeable batteries is not permitted and poses a risk of fire and explosion.

### **3.8 Do not use faulty or defective batteries**

Faulty batteries must no longer be used. Discontinue use of batteries that exhibit altered properties such as heating up or poor performance, emit odours or heat, or show evidence of discolouration or thermal deformation.

Using defective or faulty batteries poses a risk of fire and explosion.

### **3.9 Store batteries correctly**

Bridging of the battery contacts by metallic objects such as screws, nails, paper clips, keys or other electrically conductive objects can cause short circuits. These short circuits can lead to burns or fires. Even discharged batteries can still cause short circuits since they possess a residual charge to protect them from deep discharge. To prevent accidental and undesirable short circuits, insulate the contacts of batteries with adhesive tape when outside the relevant products.

### **3.10 Avoid significant forces and ingress of objects**

Batteries must not be exposed to significant external forces such as blows or impacts, while the ingress of foreign objects must also be avoided. Otherwise, this can lead to leaks, heat development, smoke emission, ignition or explosion.

Further information as well as operating instructions for the corresponding devices can be found at:  
<https://www.bosch-professional-systems.com/en/>