ROTORAMA

MicroSD 4GB

microSDHC memory card
User manual



Read this manual before use and keep it for future reference.

www.rotorama.com

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1. Product description

1.1 Intended use

MicroSD 4GB is a **microSDHC** memory card with a capacity of **4 GB** and speed class **Class 10**. It is intended mainly for flight controllers (FC) with a card slot for recording flight data (blackbox), for video recorders (DVR) and for RC transmitters that store models, sounds and other files on the card.

According to the SD Association standard, a card with a capacity of 4 GB belongs to the SDHC class, whose default file system is **FAT32**. Many transmitters and video recorders require the FAT32 format. According to the same standard, speed class Class 10 means a minimum write speed of **10 MB/s**.



MicroSD 4GB memory card

1.2 Specifications and package contents

Product designation	MicroSD 4GB
Format	microSDHC
Capacity	4 GB
Speed class	Class 10 (min. write speed 10 MB/s)
File system	FAT32
Package contents	1× microSD memory card
Not included	SD size adapter, memory card reader

The capacity and speed class are marked directly on the card (4 GB, CLASS 10).

2. Use

2.1 Inserting and removing the card

- **Switch off** the device before inserting or removing the card, or disconnect the flight controller battery.
- Insert the card contacts first, in the direction marked at the device slot. Do not force the card – if it does not slide in, check its orientation.
- Spring-loaded slots latch the card when pushed in; to remove it, push the card in lightly again and release.
- Do not remove the card while data is being written (recording in progress, saving settings, copying files) – the data may be damaged.

2.2 Formatting

Before first use, it is advisable to format the card directly in the device in which you will use it (DVR, camera or transmitter menu). If the device does not offer formatting, format the card on a computer to the **FAT32** file system.

❊ Formatting erases all data on the card. Back up important files beforehand.

2.3 Use in individual devices

- **Flight controller (FC):** if the FC has a microSD card slot, it can record flight data (blackbox) to the card. Recording is set up in the FC configuration software, e.g. Betaflight Configurator on the *Blackbox* tab.
- **Video recorder (DVR):** the card is used to store video footage of the flight. Check that the write speed requirements of the device correspond to Class 10.
- **RC transmitter:** transmitters running EdgeTX or OpenTX firmware need a folder structure with sounds, images and scripts on the card. Download the card content from the official website of your transmitter's firmware (e.g. edgetx.org) and copy it to the card on a computer.

2.4 Care and storage

- Do not touch the card contacts with your fingers and protect them from dirt.
- Protect the card from moisture, bending, direct sunlight and static electricity.
- Outside the device, keep the card in a protective case and out of the reach of children – small objects pose a risk of inhalation or swallowing.
- Back up important recordings to a computer regularly. A memory card is not intended for permanent data archiving.

2.5 Troubleshooting

Problem	Cause and solution
The device does not recognise the card	The card is not fully inserted or is turned the wrong way – insert it again. The card has a different file system – format it to FAT32.
Recording stops or parts of the video are missing	The device may require a higher write speed than Class 10 guarantees – check the requirements in the device manual. Format the card in the device.
The transmitter reports a card error or missing files	The card lacks the content for the transmitter firmware – copy it according to the firmware developer's instructions.
Files cannot be opened	The card was removed while data was being written. Try copying the data to a computer and format the card again.

3. Information for the EU and Czech Market

The information in Chapters 3 and 4 describes the situation in the Czech Republic. The law of the country in which the product is used always prevails.

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal of electrical equipment



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.