PROGRACE FBA-32G Card

PROGRACE 32GB Micro SD Card User Manual

Model: FBA-32G Card

Introduction Overview Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides essential instructions for the proper use, setup, and maintenance of your PROGRACE 32GB Micro SD Card. Please read this guide thoroughly to ensure optimal performance and longevity of your memory card. This Micro SD card is designed for high-speed data storage and transfer across a variety of compatible devices.

2. Product Overview

2.1 Key Features

- **Expand Storage Instantly:** Easily increase storage for Android smartphones, tablets, cameras, security cameras, car audio, game consoles, drones, dash cams, and Windows laptops.
- **Blazing Fast Transfer Speeds:** Enjoy up to 120MB/s read speed—transfer up to 1000 photos per minute.
- **A1-Rated Performance:** Optimized with A1 performance for faster app loading and smoother operation.
- **Durable & Reliable:** Built to last with waterproof, shockproof, temperature-proof, and X-ray-proof design.

2.2 Package Contents

- 1 x PROGRACE 32GB Micro SD Card
- *(Optional: SD Card Adapter, depending on specific package)*



Image: Front view of the PROGRACE 32GB Micro SD Card, displaying the PROGRACE logo, Class 10 rating, and 32GB capacity.

3. Setup

3.1 Inserting the Micro SD Card

Ensure your device is powered off before inserting or removing the Micro SD card to prevent data loss or damage.

1. **Locate the SD Card Slot:** Identify the Micro SD card slot on your device (e.g., camera, smartphone, tablet, drone, dash cam). This is often a small slot, sometimes covered by a flap.
2. **Orient the Card:** Hold the Micro SD card with the gold contacts facing down or towards the device's interior, aligning it with the slot. The notched corner should match the slot's shape.
3. **Insert the Card:** Gently push the card into the slot until it clicks into place. Do not force the card. If it doesn't fit, recheck the orientation.
4. **Power On Device:** Once inserted, power on your device. It should recognize the new storage.

3.2 Formatting the Micro SD Card

While the card comes pre-formatted, it is recommended to format the card within your specific device (camera, phone, etc.) before first use. This ensures optimal compatibility and performance. Formatting will erase all data on the card.

1. Insert the Micro SD card into your device.
2. Navigate to the device's settings or menu.
3. Look for "Storage," "Memory," or "System Settings."
4. Select the option to "Format SD Card" or "Erase SD Card."
5. Confirm the action.



Image: Back view of the PROGRACE 32GB Micro SD Card, displaying the gold contact pins and manufacturing markings.

4. Operating Instructions

4.1 Storing Data

Once the Micro SD card is inserted and recognized by your device, it will automatically be used for storing new data such

as photos, videos, applications, and documents, depending on your device's settings. You can typically set your device to save new media directly to the SD card.

4.2 Transferring Data

- **Device to Card:** Use your device's file manager or gallery application to move existing files from internal storage to the Micro SD card.
- **Card to Computer:**
    a. Remove the Micro SD card from your device.
    b. Insert the Micro SD card into an SD card adapter (if applicable), then insert the adapter into your computer's SD card slot.
    c. Alternatively, use a USB card reader to connect the Micro SD card to your computer.
    d. Access the card's contents via your computer's file explorer and transfer files as needed.

4.3 Speed Performance

This PROGRACE Micro SD card features a Class 10 speed rating and A1 performance. This means it is optimized for fast read speeds up to 120MB/s, making it suitable for recording Full HD video and for faster app loading times on compatible devices. Actual speeds may vary based on host device, file attributes, and other factors.

5. Maintenance

5.1 Durability Features

Your PROGRACE Micro SD card is designed for durability:

- **Waterproof:** Can withstand immersion in water.
- **Shockproof:** Resistant to impacts and vibrations.
- **Temperature-Proof:** Operates reliably in extreme temperatures.
- **X-ray-Proof:** Protected from airport X-ray scanners.

While durable, proper handling is still recommended to ensure maximum lifespan.

5.2 Safe Handling and Storage

- Always remove the card safely from devices (eject option on computers, unmount on phones) before physical removal.
- Avoid touching the gold contacts directly to prevent contamination.
- Store the card in its protective case or a secure location when not in use.
- Keep away from strong magnetic fields.

6. Troubleshooting

6.1 Common Issues and Solutions

Issue	Possible Solution

Issue	Possible Solution
Card not recognized by device.	1. Ensure the card is fully and correctly inserted. 2. Restart your device. 3. Try the card in another compatible device to check if the card or device is the issue. 4. Clean the gold contacts gently with a soft, dry cloth.
Slow data transfer speeds.	1. Ensure your device and card reader support high-speed transfers (e.g., USB 3.0 for card readers). 2. Avoid transferring many small files simultaneously; large files transfer faster. 3. Check if the card is nearly full, which can sometimes affect performance.
Cannot write or delete files.	1. Check if the card is write-protected (if using an SD adapter, ensure the lock switch is in the 'unlocked' position). 2. The card might be corrupted. Try formatting it (*warning: this will erase all data*).
Data loss or corruption.	1. Always safely eject/unmount the card before removal. 2. Avoid exposing the card to extreme conditions beyond its specified limits. 3. Regularly back up important data to another storage medium.

7. Technical Specifications

Feature	Detail
Brand	PROGRACE
Model Name	FBA-32G Card
Flash Memory Type	Micro SD
Memory Storage Capacity	32 GB
Compatible Devices	Camera, Personal Computer, Smartphone, Tablet, Security Cameras, Car Audio, Game Console, Drone, Dash Cam
Secure Digital Association Speed Class	Class 10
Read Speed	Up to 120 MB/s
Write Speed	≥ 10 MB/s
Special Features	Lightweight, Waterproof, Shockproof, Temperature-Proof, X-ray-Proof
Item Weight	0.317 ounces
ASIN	B083NW2QFW

8. Warranty & Support

8.1 Warranty Information

Your PROGRACE 32GB Micro SD Card is backed by a **1-year limited warranty**. This warranty covers manufacturing

defects and ensures your product performs as expected under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your PROGRACE product, please contact our customer support team. You may also refer to the official PROGRACE website for FAQs and additional resources.
For a detailed PDF version of the user manual, please refer to the following link:PROGRACE 32GB Micro SD Card User Manual (PDF)

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