SSK FDU050

SSK 64GB USB C Flash Drive Instruction Manual

Model: FDU050
Brand: SSK

1. INTRODUCTION

This manual provides comprehensive instructions for the SSK 64GB USB C Flash Drive (Model FDU050). It covers product features, setup, operation, maintenance, troubleshooting, and technical specifications to ensure optimal use of your device.

Figure 1: SSK 64GB USB C Flash Drive (Model FDU050)

The SSK 64GB USB C Flash Drive is a portable storage device featuring dual connectors (USB-C and USB 3.2 Type-A) for versatile compatibility across various devices. Its robust design and high-speed data transfer capabilities make it suitable for expanding storage and transferring files.

2. Product Features

- **Dual Connectors:** Equipped with both USB-C and USB 3.2 Type-A ports for broad compatibility with smartphones, tablets, and computers.

- **High-Speed Transfer:** USB 3.2 interface offers read speeds up to 150MB/s, facilitating quick transfer of large files.

- **Durable Construction:** Casing made of premium zinc alloy, providing waterproof, shockproof, and efficient heat dissipation properties.

- **360° Rotating Design:** Innovative design with a 90° stuck point to prevent random rotation and an integrated anti-lost clip for

portability.

- **Wide Compatibility:** Supports OTG-enabled Android Type C phones, tablets, MacBook/Pro/Air, Windows computers, car audio systems, and smart TVs.
- **Plug and Play:** No software or application installation required for operation.

Type C 3.1 & USB 3.2 Dual Ports, 360° Rotating Design

## No Need App, Easily Transfer Data Between Computer and Mobile Phone

180°   360°

90°
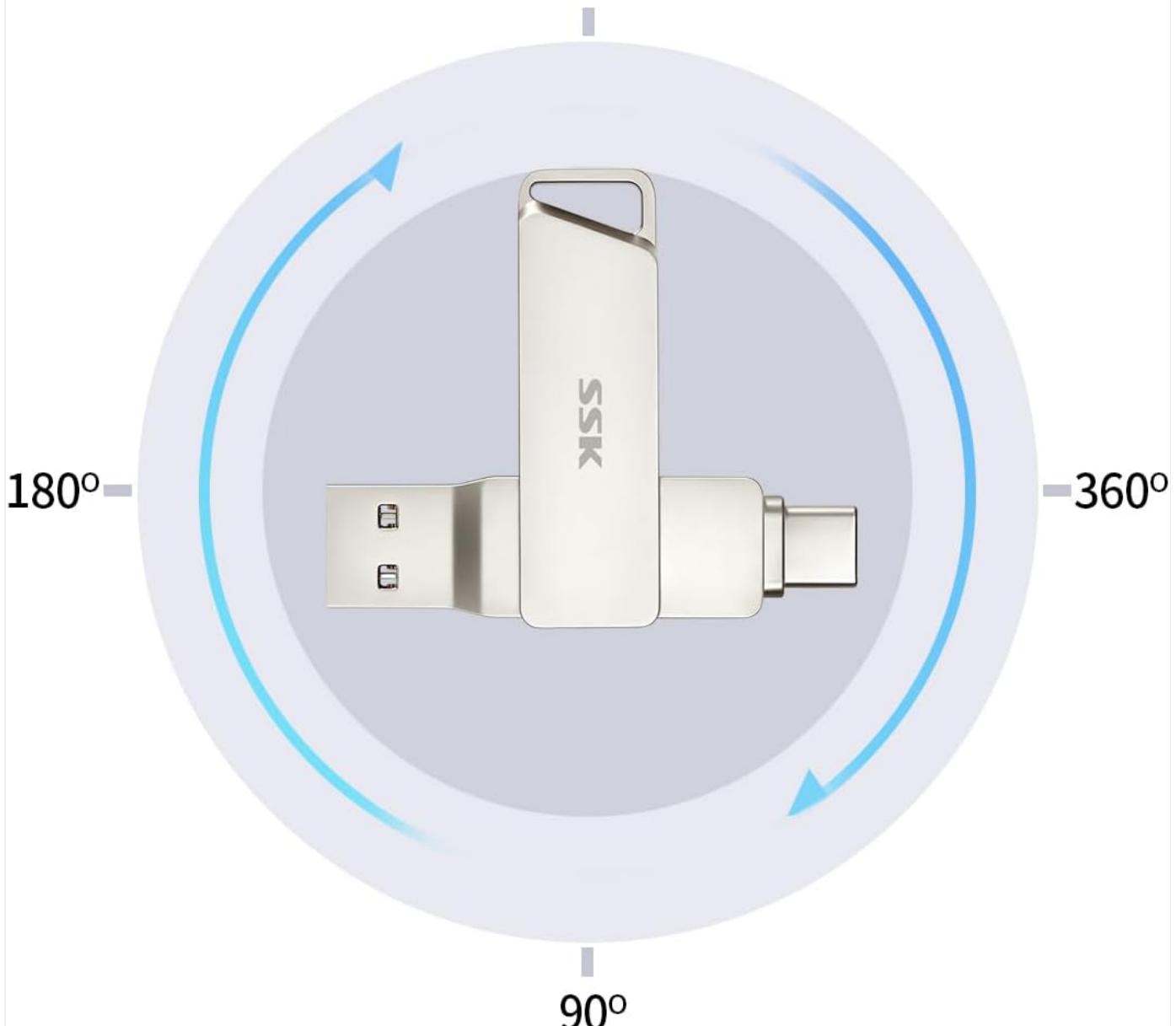
Figure 2: 360° Rotating Design and Dual Ports

The flash drive features a versatile 360-degree rotating design, allowing easy access to both the USB-C and USB 3.2 Type-A connectors. This design also incorporates a 90-degree stop point to secure the connector in place during use.

3. SETUP AND CONNECTION

The SSK USB C Flash Drive is designed for plug-and-play functionality, requiring no driver installation for most compatible devices.

1. **Identify the Correct Port:** Determine whether your device (smartphone, tablet, computer, smart TV, car stereo) has a USB-C port or a standard USB-A port.
2. **Select the Connector:** Rotate the flash drive to expose the appropriate connector (USB-C or USB 3.2 Type-A).
3. **Insert the Drive:** Gently insert the selected connector into the corresponding port on your device. Ensure it is fully seated.
4. **Access the Drive:**

   - **For Computers (Windows/macOS):** The drive will typically appear as a removable disk in 'This PC' (Windows) or 'Finder' (macOS).
   - **For Android Devices (OTG-enabled):** The device may prompt you to open a file manager application, or you can navigate to 'Storage' or 'USB Storage' in your device settings.
   - **For Smart TVs/Car Stereos:** The device's media player or file browser should detect the drive automatically.

Figure 3: Device Compatibility Overview

The flash drive is compatible with a wide range of devices, including those with USB-C ports (tablets, smartphones, MacBooks) and standard USB-A ports (PCs, smart TVs, Macs).

4. OPERATING INSTRUCTIONS

4.1. Data Transfer

Once the flash drive is connected and recognized by your device, you can transfer files using standard drag-and-drop methods or copy/paste functions.

- **To Copy Files to the Drive:** Select the files or folders on your device, then drag them to the flash drive's folder, or right-click and choose 'Copy', then navigate to the flash drive and choose 'Paste'.
- **To Copy Files from the Drive:** Select the files or folders on the flash drive, then drag them to a folder on your device, or right-click and choose 'Copy', then navigate to your desired location and choose 'Paste'.

Expand Mobile Phone Capacity, Plug and Play

The Mobile Phone can directly Read the U Disk for File Sharing, Data Transmission, and Video Playback ect.

Figure 4: Expanding Mobile Phone Capacity

The flash drive allows direct reading and writing of files from mobile phones, enabling easy file sharing, data transmission, and video playback without consuming internal phone storage.

4.2. Safe Removal

Always safely eject the flash drive from your computer or device before physically removing it to prevent data corruption.

- **Windows:** Click the 'Safely Remove Hardware and Eject Media' icon in the system tray, then select the flash drive.
- **macOS:** Drag the flash drive icon from the desktop or Finder sidebar to the Trash icon, or right-click the drive icon and select 'Eject'.
- **Android:** Go to 'Settings' > 'Storage' > 'Eject USB storage' (or similar option).

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your SSK USB C Flash Drive, follow these maintenance guidelines:

- **Physical Protection:** The zinc alloy casing provides inherent protection against water and shock. However, avoid prolonged submersion in water or severe impacts.
- **Temperature:** Store and operate the drive within recommended temperature ranges. Avoid extreme heat or cold.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the drive. Do not use liquid cleaners or solvents.
- **Connector Care:** Keep the USB-C and USB-A connectors free from dust and debris. Avoid touching the metal contacts

directly.

- **Heat Dissipation:** The drive is designed for efficient heat dissipation. Ensure it is not covered or placed in an enclosed space during extended use.

Small and Light, Easy to Carry

Lanyard Buckle Design, not Easy to Lose


0.55inch

2.56inch

Lanyard Buckle Design
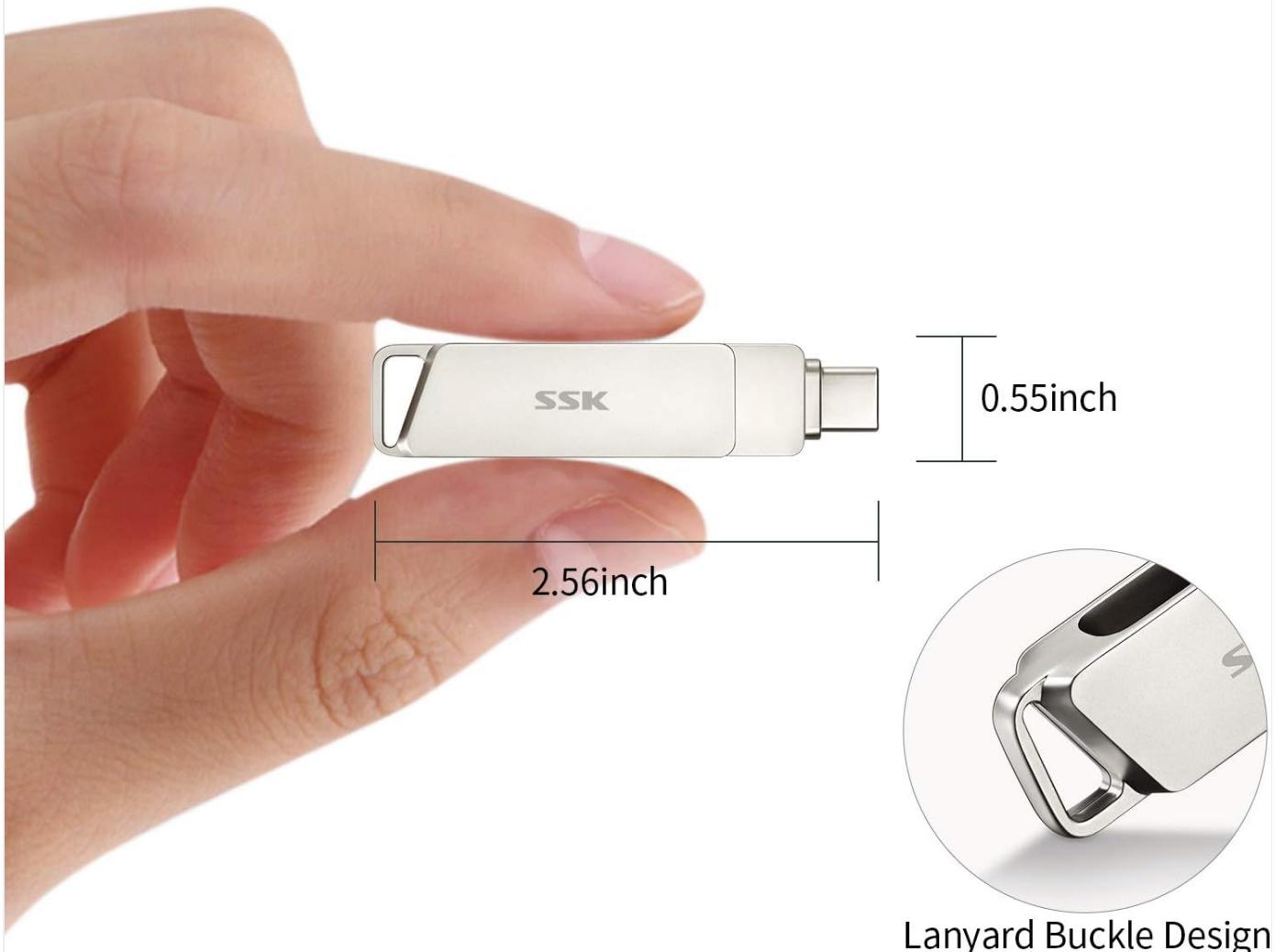
Figure 5: Compact Design and Portability

The drive's compact dimensions (2.56 inches long, 0.59 inches wide, 0.39 inches high) and integrated lanyard buckle design enhance portability and reduce the risk of loss.

6. TROUBLESHOOTING

If you encounter issues with your SSK USB C Flash Drive, consider the following common solutions:

Problem	Possible Solution

Problem	Possible Solution
Drive not recognized by device.	- Ensure the drive is fully inserted into the port. - Try a different USB port on your device. - Restart your device. - Ensure your device's operating system is up to date. - For Android devices, ensure OTG functionality is enabled (if applicable). - Check if the drive appears in Disk Management (Windows) or Disk Utility (macOS). It might need formatting if it's a new drive or if the file system is incompatible.
Slow data transfer speeds.	- Ensure you are connected to a USB 3.0/3.1/3.2 port for optimal speed. USB 2.0 ports will result in slower speeds. - The actual speed can vary based on the file size, file type, and the host device's performance. - Avoid running multiple demanding applications during transfer.
Cannot write files to the drive.	- Check if the drive is full. - Ensure the drive is not set to read-only mode (though this is rare for flash drives). - If the drive is formatted as FAT32, individual file sizes are limited to 4GB. For larger files, consider reformatting to exFAT or NTFS (Windows) / APFS (macOS).

Adopt 3D Nand Flash
Faster Transmission Speed and more Durable

Connect to USB 3.2/USB C 3.1 Port

| 3 | 1GiB | D: 0% (0/115GiB) | MB/s |

| Read [MB/s] | Write [MB/s] |
| 242.72 | 98.97 |

Connect to USB2.0 Port

| 3 | 128MiB | G: 0% (0/117GiB) | MB/s |

| Read [MB/s] | Write [MB/s] |
| 37.33 | 28.23 |
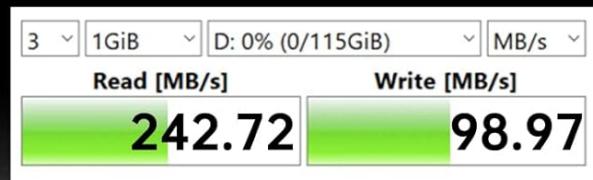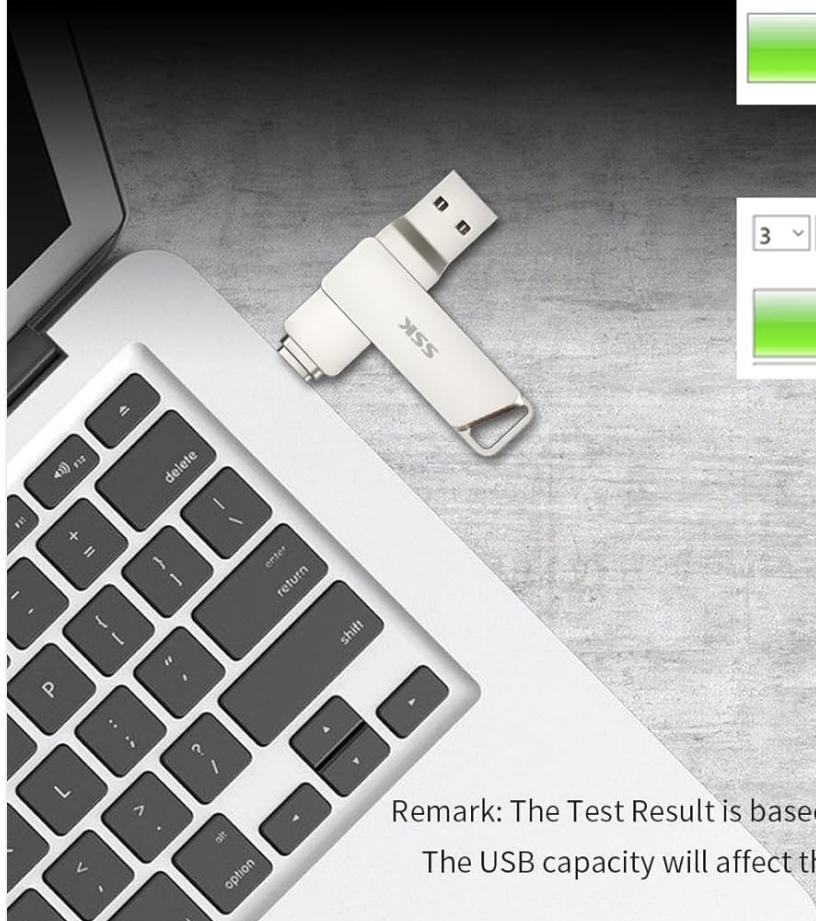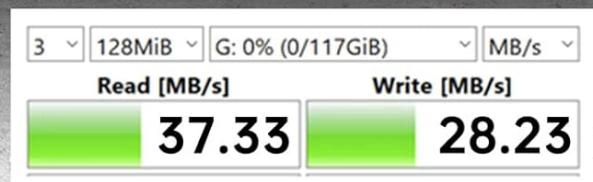
Remark: The Test Result is based on SSK 64GB via CrystalDiskMark7.0. The USB capacity will affect the test speed, larger size, faster speed.

Figure 6: Data Transfer Speed Comparison

This image illustrates the difference in data transfer speeds between USB 3.2/USB-C 3.1 and USB 2.0 connections. For optimal performance, always use a compatible USB 3.x or USB-C port.

7. SPECIFICATIONS

Attribute	Value
Model Number	FDU050
Brand	SSK
Flash Memory Type	USB
Memory Storage Capacity	64 GB

Attribute	Value
Hardware Interface	USB 3.2 Gen 1, USB Type-C
Read Speed	Up to 150 MB/s (USB 3.2)
Special Features	Dust Proof, Shock Resistant, Water Resistant
Compatible Devices	Laptop, Smartphone, Tablet, Smart TV, Car Audio System
Color	Silver
Item Weight	20 Grams (0.705 ounces)
Product Dimensions (LxWxH)	2.56 x 0.59 x 0.39 inches
Manufacturer	SSK Corporation
First Available Date	April 26, 2021

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The SSK 64GB USB C Flash Drive (Model FDU050) comes with a **5-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. Please retain your proof of purchase for warranty claims.
Note: The warranty does not cover damage caused by misuse, accident, unauthorized modification, or external causes such as extreme temperatures or power surges.

8.2. Customer Support

For technical assistance, warranty claims, or general inquiries regarding your SSK product, please contact SSK Customer Support:

- **Email:** support@ssk.cn
- **Manufacturer:** SSK Corporation, 3F,Building M-10,Center of Hi-Tech Industrial District, Shenzhen,China

Figure 7: Packaging Details (Warranty and Support Information)

The product packaging confirms the 5-year warranty and provides contact information for customer support, including the manufacturer's email address.

Related Documents

Portable solid state flash drive User Manual SD301	**[SSK SD301 Portable Solid State Flash Drive User Manual](#)** User manual for the SSK SD301 portable solid state flash drive, detailing its package contents, product features, notes before use, storage capacity explanation, USB interface compatibility, connection and usage instructions, and quality assurance information.
Portable solid state flash drive User Manual SD300	**[SSK SD300 Portable Solid State Flash Drive User Manual](#)** User manual for the SSK SD300 Portable Solid State Flash Drive, detailing product features, connection instructions, compatibility, and troubleshooting.
Portable solid state flash drive User Manual SD301	**[SSK SD301 Portable Solid State Flash Drive User Manual](#)** Discover the SSK SD301 Portable Solid State Flash Drive, a high-speed external SSD featuring dual USB-A and USB-C interfaces for broad compatibility across computers, tablets, and smartphones. This user manual provides essential information on its features, connection, usage, and storage capacity, ensuring optimal performance and data security.
SSK-DK100 User Manual	**[SSK-DK100 Dual Bay HDD Docking Station User Manual](#)** User manual for the SSK-DK100 dual bay hard drive docking station, detailing its features, specifications, installation, mobile hard drive mode, and offline cloning capabilities.

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