

# SanDisk®

## sansa® Shaker™ MP3 Player

### User's Manual



Age 8+  
Not intended for  
use by children  
younger than 8



### Technical Support

U.S.: 1-866-SANDISK (726-3475)



Worldwide: [www.sandisk.com/techsupport](http://www.sandisk.com/techsupport)

# Table of Contents

---

Safety Instructions .....	1
Introduction.....	1
Features.....	2
Package Contents.....	2
Minimum System Requirements.....	2
Location of Controls.....	2
Battery Installation.....	3
Battery Indicator .....	3
Connecting to the Computer.....	3
Transfer Music to Shaker Player.....	3
Removing Music Files from Shaker Player.....	4
Safely Remove Sansa Shaker from Computer .....	4
Turn Shaker Player On.....	5
Turn Shaker Player Off .....	5
Listen to Music.....	5
Volume Control.....	5
Skipping Track.....	5
Shake Feature .....	6
Shaker Sounds.....	6
Tips, FAQ, and Troubleshooting .....	7
Service and Warranty Information .....	7
Getting Technical Support.....	7
Learn More .....	7
SanDisk Limited Warranty .....	7
End User License Agreement .....	8
Disposal Instructions .....	9

## **NOT INTENDED FOR USE BY CHILDREN YOUNGER THAN 8 YEARS OLD.**

### **Precautions**

#### **SAFETY:**

- Avoid spilling any liquid onto or into the Sansa Shaker player.
- Dropping the player or excessive force on the player may result in damage or sound distortion to the Sansa Shaker.

#### **ROAD SAFETY:**

- In general for safe MP3 player use do not use headphones while operating any motorized vehicle or biking. Additionally, it can be potentially dangerous to play your headset at a high volume while walking, especially at night.

#### **LISTENING SAFETY:**

We want you to enjoy your Sansa Shaker safely and recommend playing it at a safe level. A safe level is one that lets the sound come through loud and clear without blaring or distortion and, most importantly, without affecting your hearing. With this in mind please be mindful of playing the Shaker through headphones at max level for extended periods of time.

Here are recommendations for a safe level of listening on the Sansa Shaker:

- Start your volume control at a normal setting.
- Slowly increase the sound until you can hear it clearly and without interference

### **Safety Instructions**

- 1) Read the safety instructions carefully before using your Sansa.
- 2) Read this entire manual to ensure proper usage.
- 3) Keep this User Guide for future reference.
- 4) Do not use Headphones/Earphones while driving, cycling, or operating any motorized vehicle. This may create a traffic hazard and may be illegal in some areas. It can also be dangerous to play your music with Headphones/Earphones at high volume while walking, or engaged in other activities. You should exercise extreme caution and discontinue use in potentially hazardous situations.

- 5) Avoid using Headphones/Earphones at high volume. Hearing experts advise against continuous loud and extended music play. Keep the volume at a moderate level, so that you are better able to hear outside sound, and to be considerate of the people around you.
- 6) Keep your player away from sinks, drinks, bathtubs, showers, rain, and other sources of moisture. Moisture can cause electric shocks with any electronic device.
- 7) Do not disassemble, crush, short-circuit or incinerate your battery as it may cause fire, injury, burns or other hazards.
- 8) Follow these tips to keep your player working well for a long time:
  - Clean your player with a soft lint-free cloth used on glass lenses.
  - Never force any connector into the ports of your player or your computer. Make sure your connectors are the identical shape and size before you connect.

**We recommend that adult supervision be given to read the Quick Start Guide and User Manual to support children in using the Sansa Shaker for a safe and fun experience.**

### **Introduction**

Congratulations on your purchase of a Sansa Shaker™ MP3 Player.

The SanDisk Sansa Shaker™ is the world's first affordable MP3 player with an integrated speaker, SD card slot, two headphone jacks, and the unique shake feature. The Sansa Shaker player does not come with embedded memory but offers you superior features not typically offered on a smaller capacity player. The integrated speaker and dual headphone jacks enable you to share music. The SD slot is capable of reading and writing data to the SD cards up to 2 Gbytes in capacity. A fresh AAA battery will last up to 10 hours when listening through the headphones.

## Features

- Audio Formats supported: MP3 (up to 320 Kbps with Variable Bit Rate) and PCM WAV format
- Blue LED trim effect around play/pause button
- Dual headphone jacks for two listeners
- USB 2.0 High Speed Device operation
- Standard SD slot for external memory cards (no embedded memory)
- Shaking action enables function to skip to next random song.
- Runs off of AAA battery.

## Package Contents

- Sansa Shaker Player
- SD Card (in unit)
- Earphones (1 pair)
- USB Cable
- CD with User's Manual
- Stickers
- Quick Start Guide
- 1 AAA-battery
- Carabiner Clip On Accessory

## Minimum System Requirements

- Windows XP
- Windows Media Player 10
- CD-ROM drive
- USB 2.0 port required for hi-speed transfer

## Location of Controls

### 1 Built-in Speaker

Music will play through the built-in speaker when an earphone is not inserted.

### 2 Top Twist - Volume

Turn up or down the volume.

### 3 Dual Headphone Jacks

Insert earphone here for private listening. Once an earphone is inserted, the external speaker will be disabled.

### 4 Strap Eyelet

Insert Carabiner loop here.

### 5 Power/Play/Pause Button

Turn on or off the Sansa Shaker as well as to play or pause the music. The Power/Play/Pause button also helps initiate the Shake feature.

### 6 Rewind/Forward

Skip to the next track or return to beginning of the previous track; turn to the left or right then hold it to fast forward or rewind the current song.

### 7 Bottom Cap

Open the cap to insert SD card, replace battery, or connect the Sansa Shaker to the computer.

### 8 USB Connect Port

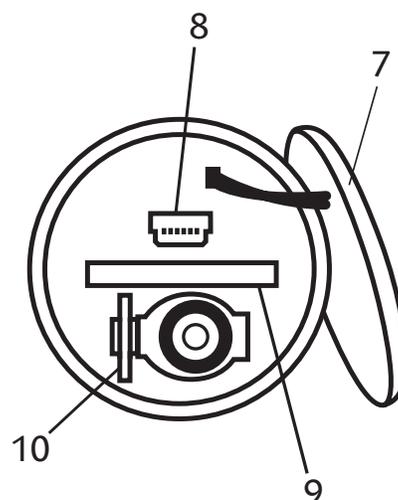
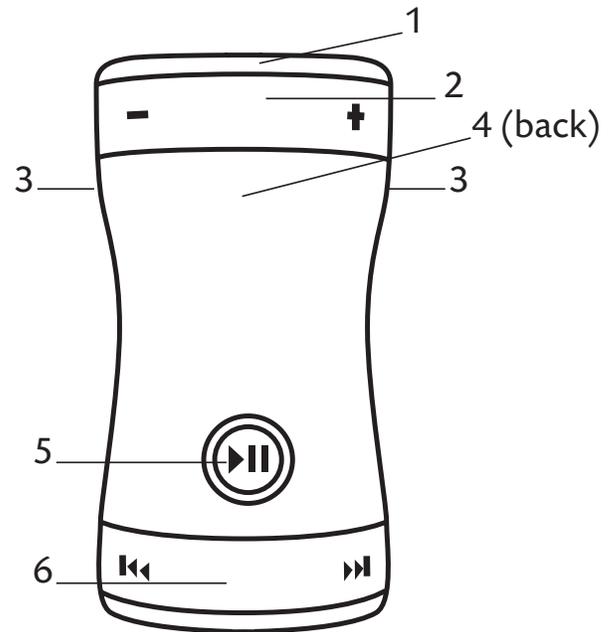
Insert the USB cable here to connect the Sansa Shaker to the computer.

### 9 SD Card Slot

Insert the SD card here.

### 10 Battery Cover

Insert an AAA battery here.



## Battery Installation

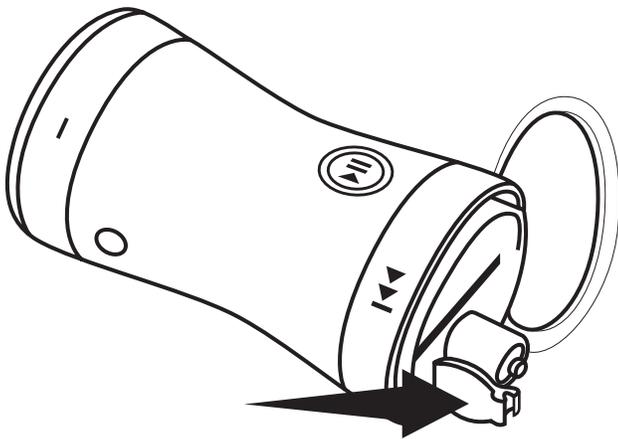
The Sansa Shaker player is shipped with 1 non-rechargeable AAA-battery. One fresh AAA-battery will last up to 10 hours when listening through the earphone.

Please execute the following steps installing new battery:

- 1) Twist open the Sansa Shaker™ cap at the bottom.  
*Note: Insert the Negative (-) end first.*



- 2) Open the Bottom Cap
- 3) Open the battery cover
- 4) Insert the new battery  
*Note: Insert the Negative (-) end first.*



- 5) Close the battery cover  
*Note: There should be a click sound when battery cover is closed properly.*

## Battery Indicator

- 1) When the device is playing or idle and the battery level is low, the **'Uh-Oh' sound will play before the Shutdown sound** can be heard, the device will blink 5 times then shuts off.
- 2) It is possible to turn the device back on and can resume playing for some time. When it reaches low battery condition, it will turn off as described in item #1.

## Connecting to the Computer

Please execute the following steps to connect your Sansa Shaker™ player to the computer for uploading or downloading music files:

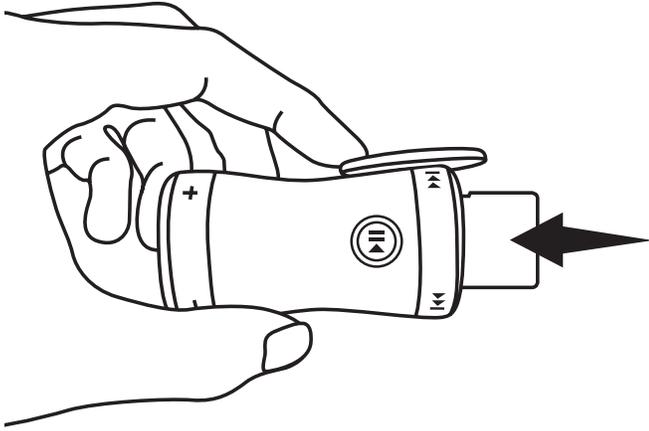
- 1) Remove the Sansa Shaker™ Cap at the bottom.
- 2) Connect the small end of the USB cable to Sansa Shaker™ player.
- 3) Connect the larger end to an available USB port on the computer.
- 4) An additional drive letter will appear in **My Computer** under **Removable Storage Devices**.



## Transfer Music to Shaker Player

To transfer music files to the Sansa Shaker™ player, please execute the following steps:

- 1) Twist open the Sansa Shaker™ cap at the bottom.
- 2) Insert an SD card into the Sansa Shaker™ player.



*Note: The SD card's label must face down and the Sansa Shaker's Power/Play/Pause button should face up while inserting the SD card.*

- 3) Connect the small end of the USB cable to Sansa Shaker™ player.
- 4) Connect the larger end of the USB cable to an available USB port on the computer.
- 5) If the inserted SD card is blank, a window similar to below will automatically open.



- 6) To transfer music files to the Sansa Shaker™, simply drag and drop the music files from your computer to it.

*Note: The Sansa Shaker player will only play MP3 or PCM WAV files.*

## Removing Music Files from Shaker Player

To delete music files from the Sansa Shaker™ player, please execute the following steps:

- 1) Remove the Sansa Shaker™ Cap at the bottom.
- 2) Insert an SD card into the Sansa Shaker™ player.  
*Note: The SD card's label must face down and the Sansa Shaker's Power/Play/Pause button should face up while inserting the SD card.*
- 3) Connect the small end of the USB cable to Sansa Shaker™ player.
- 4) Connect the larger end of the USB cable to an available USB port on the computer.
- 5) Select Open folder to view files using Windows Explorer on initial connection to the computer.



- 6) A window will open. Highlight the file/s you want to delete then press the **Delete** button on the computer keyboard to delete selected file/s.

## Safely Remove Sansa Shaker from Computer

To safely remove the Sansa Shaker™ player from your computer, please execute the following steps:

- 1) Make sure you are not in the middle of transferring music or data files to/from your computer.
- 2) Click on the **Safely Remove Hardware** icon from the System Tray.



- 3) Select the appropriate drive letter that represents your Sansa Shaker™ player and click on it.

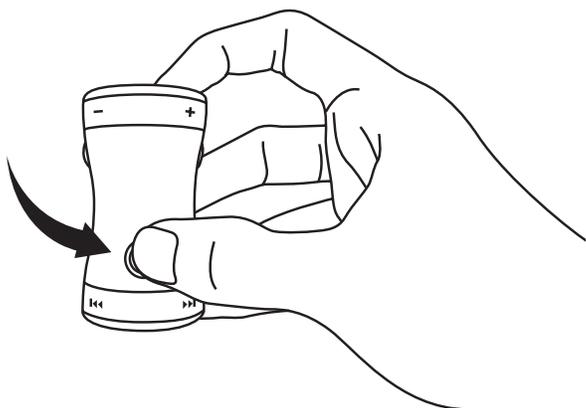
- 4) Wait until the **'The USB Mass Storage Device can now be safely removed from the system'** message appears.



- 5) Remove the USB cable from the Sansa Shaker™ player and the computer.

## Turn Shaker Player On

To turn on the Sansa Shaker™ player, press and hold the **Power/Pause/Play** button for approximately 2 seconds or until you hear a 'Drum Roll Up' sound.



## Turn Shaker Player Off

To turn off the Sansa Shaker™ player, press and hold the **Power/Play/Pause** button for approximately 5 seconds or until hear a short 'Drum Roll Down' sound.

## Listen to Music

- 1) Plug the headphones (included) into the Headphone jack on either the sides of the unit.
- 2) Turn on the Sansa Shaker™ player. The music will automatically start playing shortly.
- 3) To pause, press the **Power/Play/Pause** button once. The LCD will blink twice approximately every 3 seconds while the music is paused. The player will turn off automatically after approximately 3 minutes in pause.

- 4) To resume playing, press the **Power/Play/Pause** button. The LCD will blink while the music is playing.

*Note: The Sansa Shaker player will only play MP3 or PCM WAV files.*

## VOLUME CONTROL

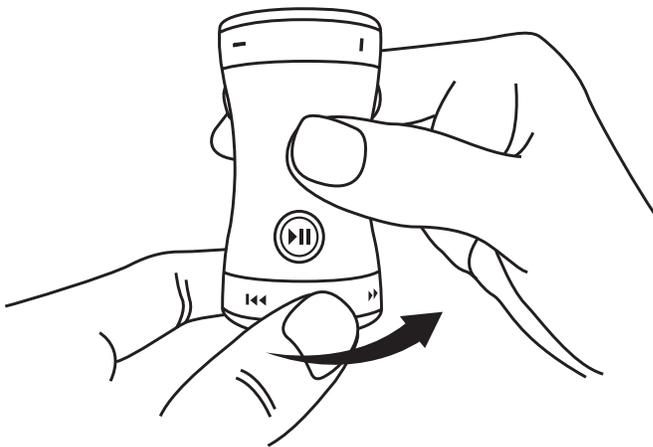
To turn up the volume, turn the **Top Twist** to the right. To turn the volume up fast, turn the **Top Twist** to the right and hold it.



To turn down the volume, turn the **Top Twist** to the left. To turn the volume down fast, turn the **Top Twist** to the left and hold it.

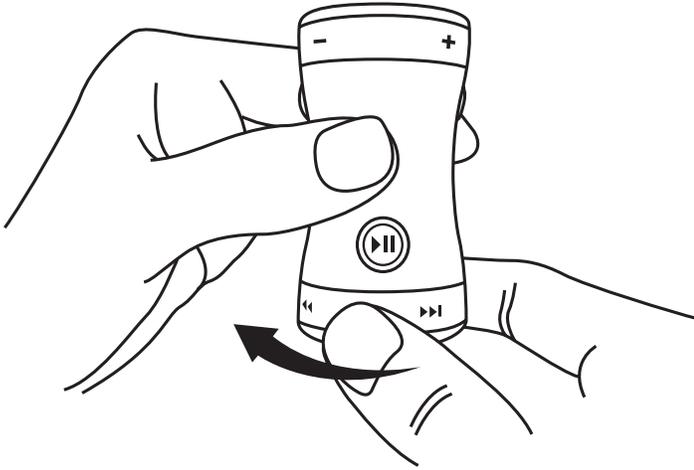
## SKIPPING TRACK

To skip to the next song, turn the **Bottom Twist** to the right.



To fast forward the current song, turn the **Bottom Twist** to the right and hold it.

To replay the previous song from the beginning, turn the **Bottom Twist** to the Left.



To rewind the current song, turn the **Bottom Twist** to the left and hold it.

## SHAKE FEATURE

The shake feature is used to skip to another track (song) randomly. Please execute the following steps to enable the shake feature.

- 1) Turn on your Sansa Shaker™ player.
- 2) Make sure the music is playing.
- 3) Hold the player with the speaker facing up.
- 4) Press and hold the **Power/Play/Pause** button.
- 5) Shake the player up and down 1 time. You should hear a **shutter** sound indicating that the Sansa Shaker™ successfully skipped to another song.



## Shaker Sounds

The Sansa Shaker player is triggered to make sound effects with the following audio clips during these actions:

Single **UH-OH** sound occurs when:

- SD card is removed from the slot
- Pressing the Play button without SD card in the slot
- The SD card inserted in the slot is damaged
- Low battery level

Double **UH-OH** sound occurs when inserting an empty SD card (no MP3 files or WAV files loaded on the card).

**POP** sound occurs when inserting a SD Card with valid music content into player while it is turned on.

**SHAKE** sound occur when you shake the player while pressing and holding the **PLAY/PAUSE** button during music playback. This will cause the player to randomly skip to next song.

**LASER** sound occurs when you shake the player when it is in PAUSE mode.

**DRUM ROLL UP** sound occurs when turning on Shaker player.

**DRUM ROLL DOWN** sound occurs when shutting down the Shaker player.

## Tips, FAQ, and Troubleshooting

This section provides answers to common questions you may have.

### **QUESTION:** What audio format does the Sansa Shaker support?

**ANSWER:** The Sansa Shaker supports MP3 and PCM WAV formats.

### **QUESTION:** I can't turn on my Sansa Shaker. Nothing happens when I press and hold the Power/Play/Pause Button for more than 2 seconds. Why?

**ANSWER:** The battery is either not inserted or needs to be replaced. To check if the battery is present, open the Sansa Shaker Cap then open the Battery Cover. Insert a fresh AAA battery and try to power on again.

### **QUESTION:** What will happen if I pull the SD card out while the music is playing?

**ANSWER:** You will hear an 'uh-oh' sound. The music will play when you re-insert the SD card.

### **QUESTION:** What bit-rates does the Sansa Shaker player support?

**ANSWER:** The Sansa Shaker player supports MP3 format with variable bit-rate up to 320 Kbps.

### **QUESTION:** Can the Sansa Shaker play without an SD card?

**ANSWER:** No, you need to insert an SD card with music files loaded.

### **QUESTION:** Does the Sansa Shaker player support SDHC cards?

**ANSWER:** The Sansa Shaker player will support SD cards up to 2Gbytes in capacity. It does not support SDHC cards at this time.

### **QUESTION:** Why doesn't my Sansa Shaker player skip to another song when I shake it?

**ANSWER:** To properly skip to the next song randomly, press and hold the Play/Pause button during music playback while you shake the Sansa Shaker player. You will hear a shutter sound indicating that the Sansa Shaker successfully skipped to the next song.

### **QUESTION:** How can I tell if the battery in my Shaker is low?

**ANSWER:** When the Shaker device is playing or idle, and the battery level is low, the UH-OH sound will play first before SHUTDOWN sound will be heard and device will blink 5 times then shut off.

## Service and Warranty Information

This section provides information about how to get support for your Sansa Shaker device and the terms of your warranty.

### **GETTING TECHNICAL SUPPORT**

Before you contact Technical Support, we encourage you to read the Tips, FAQ, and Troubleshooting section.

If you have questions about the use or features of your player, please call the SanDisk Technical Support Center at 1-866-SanDisk (1-866-726-3475), or fill out an on-line support request at <http://www.sandisk.com/retail/support.asp>.

If you have questions about our partner services, please call their Technical Support Center.

When you call or contact us for support, please include as much information as you can from your packaging material. This will allow us to help you more quickly.

### **LEARN MORE**

You can also visit us on the web at <http://www.sandisk.com> to learn more about your player as well as other SanDisk products.

## **SANDISK LIMITED WARRANTY**

This warranty does not apply to any third party software or content used or provided with the product and you are responsible for all needed service and repair. This warranty is provided to the original end user purchasing from SanDisk or an authorized reseller, and is not transferable. Proof of purchase may be required. SanDisk is not responsible for any failure or defect caused by any third party software provided with the product and you are responsible for all service and repair needed for such software. This warranty is void if the product is not used in accordance with the product instructions or if it is damaged as a result of improper installation, misuse, unauthorized repair, modification or accident.

To obtain warranty service, contact SanDisk at 1-866-SanDisk or send an email to: support@SanDisk.com. You must return the product in tamper resistant packaging, freight prepaid, as instructed by SanDisk. You must obtain a tracking confirmation number, which you may be required to provide to SanDisk. SanDisk will, at its option, repair or replace the product with new or refurbished product of equal or greater capacity and functionality, or refund the purchase price. The warranty duration on replaced product will be that time period remaining on the original product. THIS CONSTITUTES SANDISK'S ENTIRE LIABILITY AND YOUR EXCLUSIVE REMEDY FOR BREACH OF THIS WARRANTY.

SanDisk does not warrant, and shall not be responsible for, any lost data or information contained in any product (including in any returned product), regardless of the cause of the loss. SanDisk's products are not warranted to operate without failure. SanDisk products should not be used in life support systems or other applications where failure could threaten injury or life. This warranty gives you specific legal rights, and you may also have other rights which vary by jurisdiction.

THE FOREGOING IS SANDISK'S SOLE WARRANTY. SANDISK DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY. SOME JURISDICTIONS DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN NO EVENT SHALL SANDISK OR ANY AFFILIATED OR SUBSIDIARY COMPANY BE LIABLE UNDER ANY CIRCUMSTANCES FOR ANY DIRECT, INDIRECT,

OR CONSEQUENTIAL DAMAGES, ANY FINANCIAL LOSS OR ANY LOST DATA OR IMAGE, EVEN IF SANDISK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. IN NO EVENT WILL SANDISK'S LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE PRODUCT.

SanDisk, the SanDisk logo, Store Your World In Ours and Sansa are trademarks of SanDisk Corporation, registered in the U.S. and other countries. Shaker, TrustedFlash™, and gruvi are trademarks of SanDisk Corporation. The SD and microSD marks and logos are trademarks. Other brand names mentioned herein are for identification purpose only and may be trademarks of their respective holder(s).

© 2007 SanDisk Corporation. All rights reserved.

## **End User License Agreement**

### **SANDISK CORPORATION END USER LICENSE AGREEMENT**

DO NOT USE OR LOAD THIS SOFTWARE until you have carefully read the following terms and conditions. The firmware, computer programs, device drivers, data or information ("Software") distributed or bundled with the product is provided to you under the terms and conditions of this End User License Agreement, and may be subject to additional terms and condition in an agreement between you and SanDisk's third party licensors. By downloading, installing or using the accompanying Software, you agree to all of the terms of this End User License Agreement between SanDisk Corporation ("SanDisk", "we", or "us") and each person who downloads, installs, or uses the Software ("you" or "your"). The Software is owned by SanDisk or by others ("Licensors") who permit SanDisk to distribute their software. If you do not agree to the following terms and conditions, do not install or use the Software. The Software is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties.

- 1) Software License. Subject to the terms and conditions contained herein, SanDisk grants to you a limited, non-exclusive, non-sub-licensable, transferable in accordance with these terms, royalty-free right and license under SanDisk's intellectual property rights to use the Software in executable form for SanDisk products and services solely for your personal use on a single computer (the "License"). For each Software licensee, the Software can be "in use" on only one computer or hardware device at any given time. The Software is "in use" when it is either downloaded, copied, loaded into RAM or installed into the hard disk or other permanent memory of a computer or other hardware device. SanDisk and its Licensors retain all right, title and interest in and to the Software.
- 2) Restrictions. SanDisk or its licensors retain all rights in the Software not expressly licensed to you. You may not modify, create derivative works (new versions) of, adapt or translate the Software. No source code is provided under this Agreement. You may not reverse engineer, disassemble, decompile, rent, or lease the Software, or re-create or discover the source code version of the Software. The Software contains proprietary and confidential information of SanDisk or its Licensors, which you agree not to discover or reveal to others. Any and all permitted copies of the Software that you make or distribute must be unmodified, must contain all of the original Software's proprietary notices, and must include or be accompanied by this Agreement. You may not separate the Software into component parts for sublicense, distribution or transfer to a third party. You may not embed the Software within any other software product or modify the Software in whole or in part in any manner.
- 3) DISCLAIMER OF WARRANTIES. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE SOFTWARE IS PROVIDED "AS IS" AND "AS AVAILABLE" WITH NO WARRANTIES. NEITHER SANDISK NOR ITS LICENSORS MAKE ANY REPRESENTATION OR WARRANTY, STATUTORY OR OTHERWISE, IN LAW OR FROM THE COURSE OF DEALING OR USAGE OF TRADE, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INTERFERENCE, OR NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS, OR EQUIVALENTS UNDER THE LAWS OF ANY JURISDICTION. YOU ASSUME THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE SOFTWARE. SHOULD THE SOFTWARE PROVE DEFECTIVE, YOU, AND NOT SANDISK, ITS LICENSORS OR RESELLERS, ASSUME THE ENTIRE COST OF NECESSARY SERVICING, REPAIR, OR CORRECTION.
- 4) LIMITATION OF LIABILITY. IN NO EVENT WILL SANDISK OR ITS LICENSORS, OR THEIR RESPECTIVE DIRECTORS, OFFICERS, EMPLOYEES, CONSULTANTS, LICENSORS, LICENSEES OR AFFILIATES, BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES, ARISING OUT OF OR IN CONNECTION WITH THE DOWNLOAD, USE OR PERFORMANCE OR NON-PERFORMANCE OF THE SOFTWARE. THE FOREGOING LIMITATIONS OF LIABILITY SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ANY REMEDY PROVIDED FOR HEREUNDER IN ITS ESSENTIAL PURPOSE. IN NO EVENT WILL SANDISK'S OR ITS LICENSORS' TOTAL LIABILITY TO YOU EXCEED THE AMOUNT YOU PAID TO US FOR THE USE OF THE SOFTWARE.
- 5) The Software is provided with "RESTRICTED RIGHTS". Use, duplication or disclosure by the Government is subject to restriction as set forth in FAR 52.227-14 and DFARS 252.227-7013 et seq. Use of the Software by the Government constitutes acknowledgement of SanDisk's proprietary rights therein. Contractor or Manufacturer is SanDisk Corporation, 601 McCarthy Boulevard, Milpitas, CA 95035.
- 6) Termination. We may terminate this Agreement and the license if you violate this Agreement at any time. Upon termination of this Agreement, you must delete or destroy all copies of the Software.
- 7) High Risk Activities. The Software is not fault-tolerant and is not designed or intended for use in hazardous environments requiring fail-safe performance, or any other application in which the failure of the Software could lead directly to death, personal injury, or severe physical or property damage (collectively, "High Risk Activities"). SANDISK DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES AND SHALL NOT BE LIABLE FOR ANY LIABILITIES OR DAMAGES ARISING FROM SUCH USE.







