NOTICES AND INFORMATION

Please be aware of the following points before using your Kanguru QS Slim DVDRW Drive

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Customer Service
To obtain service or technical support for your system, please contact Kanguru Solutions Technical Support Department at 508-376-4245, or visit www.Kanguru.com for web support.

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FCC Compliance Statements
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the Distance between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
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1. **Introduction**

Thank you for purchasing the Kanguru QS Slim DVDRW from Kanguru Solutions!

The Kanguru QS Slim is a portable USB 2.0 DVDRW drive that allows you to burn and play your DVDs and CDs on the go. Simply plug the drive into an available USB port to instantly add a DVDRW drive to your desktop, laptop or netbook. Its unique, built-in USB cable and slim design allow you to take your drive with you anywhere. The Kanguru QS Slim is simply the most portable DVDRW drive available.

**Main Features**
- Compact, lightweight design for easy portability
- Bus-powered, no external power needed (for most computers)
- Built-in USB cable
- Easy plug and play connectivity
- USB Mass Storage Device class compatible
- USB 2.0 Hi-Speed

1.1 **Package Contents**

Please check the contents of your package and make sure that all of the following items have been included. If any of the following items are missing, please contact Kanguru Solutions Technical Support at 508-376-4245 ext.2 and your replacement parts will be shipped to you ASAP.

- Kanguru QS Slim DVDRW drive
- USB to power cable
- Quick Start Guide

1.2 **Minimum System Requirements**

**Hardware:**
- Pentium II 133MHz processor or faster
- 64MB System RAM or higher
- Available USB 2.0 port

**Operating Systems:**
- Windows Vista, 7, 8.1, 10
- Mac OS X 10.x and above
- Linux Kernel 2.4 and 2.6
1.3 Technical Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>U2-DVDRW-SL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>QS Slim</td>
</tr>
<tr>
<td>Interface</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Format</td>
<td>Dual Format (DVD+/-R/RW)</td>
</tr>
<tr>
<td>Burning Speeds</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DVD+/-R: 8X</td>
</tr>
<tr>
<td></td>
<td>DVD +/-RW: 8X</td>
</tr>
<tr>
<td></td>
<td>DVD+/-R DL: 6X</td>
</tr>
<tr>
<td></td>
<td>CD-R: 24x</td>
</tr>
<tr>
<td></td>
<td>CD-RW: 4x</td>
</tr>
<tr>
<td>LightScribe™ Support</td>
<td>No</td>
</tr>
<tr>
<td>Buffer Under Run Protection</td>
<td>Yes</td>
</tr>
<tr>
<td>Buffer Size</td>
<td>1MB</td>
</tr>
<tr>
<td>Access Times</td>
<td>DVD 160ms; CD 140ms</td>
</tr>
<tr>
<td>OS Compatibility</td>
<td>Windows Vista, 7, 8.1, 10</td>
</tr>
<tr>
<td></td>
<td>Mac OS X 10.x and above</td>
</tr>
<tr>
<td></td>
<td>Linux Kernel 2.4 and 2.6</td>
</tr>
<tr>
<td>Weight</td>
<td>0.7 lbs.</td>
</tr>
<tr>
<td>Dimensions</td>
<td>5.5” x 5.25” x 0.75”</td>
</tr>
</tbody>
</table>

1.4 Compatible Media

The QS Slim reads and writes several CD and DVD Recordable formats, including CD-R, CD-RW, DVD-RW, and DVD-R. The drives write to DVD-R/RW and DVD+/R/RW GENERAL PURPOSE media. It will not write to DVD-R Authoring media.

**Kanguru Solutions recommends the following brands of media:**

- DVD+R Verbatim/Mitsubishi Chemical, Taiyo Yuden, Ricoh, Philips
- DVD+RW Verbatim/Mitsubishi Chemical, Ricoh, Philips
- DVD-R Verbatim/Mitsubishi Chemical, Taiyo Yuden, Maxell, TDK, Philips
- DVD-RW Verbatim/Mitsubishi Chemical, TDK, Philips
- CD-R (74 min or 80 min) 40X Verbatim/Mitsubishi Chemical, Taiyo Yuden, Maxell, Philips
- CD-R 4-32X Verbatim/Mitsubishi Chemical, Taiyo Yuden, Ricoh, Maxell, Philips
- CD-RW (74 min) 24X Verbatim/Mitsubishi Chemical, Philips

Please note that even among the media manufacturers listed above, some media may exist that is not compatible.
1.5 Parts and Functions

Front View

- Housing
- Disc Tray
- Indicator Light
- Tray Eject Button

Rear View

- USB Cable
- Power Port

Side View

- Cable Release Switch
- USB Cable
2. **Operation**

Please carefully read the following instructions and make sure you understand them completely.

The Kanguru QS Slim features a built-in USB cable. When not in use, the built-in USB cable can be stored within the housing to allow for maximum portability.

To release the USB cable:
1. Slide the Cable Release Switch to the right. The USB plug will become exposed.

![USB Cable Release](image)

Gently pull on the USB plug until the cable is released. **WARNING!** The cable will extend to a maximum length of 6”. Do not over-extend the cable. Do not allow the QS Slim to hang from the cable.

![USB Cable Release](image)

**Note:** Most computers will provide enough power through USB connection. If your QS Slim is not operating normally, connect the USB to power cable to your computer first and then connect the USB cable. This will ensure that adequate power is supplied to your drive.

**Storing the USB Cable**

After you have safely disconnected your Kanguru QS Slim from your computer, you can store the USB cable inside the drive. Simply feed the cable back into the drive until the cable and USB plug are stored completely inside the enclosure.
2.1 Windows Operation

Setting up your Kanguru QS Slim

The Kanguru QS Slim DVDRW does not require any drivers for Windows Vista, Windows 7, Windows 8.1 or Windows 10. These operating systems already have built-in drivers that support USB connection with the Kanguru QS Slim DVDRW.

Simply connect your Kanguru QS Slim to your PC. Windows will automatically detect the new hardware and install the appropriate driver. When the installation has completed successfully, you will see a “DVD/CD-RW Drive” icon in My Computer.

Burning CDs/DVDs

Current Windows operating systems come with the ability to burn CD and DVDs through Windows Explorer. Please refer to Microsoft Windows’ documentation for instructions on burning CDs and DVDs.

Removing your Kanguru QS Slim

Be sure to follow these safe removal procedures. Failure to do so may result in data corruption.

1. Click on the Safely Remove Hardware icon in the taskbar.

2. Select the USB Mass Storage Device with the corresponding drive letter for the Kanguru QS Slim.

3. A message will appear informing you that it is safe to remove the device. You can now disconnect the USB cable.

If you receive a message that the device cannot be removed, close any programs or windows that may be accessing the device and then try to safely remove it again. Make sure that your device is safely removed from your computer system before disconnecting it. Be sure to follow safe removal procedures to avoid losing data or crashing your operating system.
2.2 Mac Operation

Setting up your Kanguru QS Slim

Mac OS X has a built-in driver to support the Kanguru QS Slim. Simply plug in the Kanguru QS Slim DVDRW to your computer and your operating system will automatically detect the new hardware and install the appropriate driver. A CD/DVD icon will appear on your desktop when a CD or DVD is inserted into the drive.

Note: The CD/DVD icon will only appear on your desktop when a CD or DVD is inserted in the drive. You will not see a CD/DVD icon on your desktop if the QS Slim is connected but there is no CD or DVD present.

Burning CDs/DVDs

The Kanguru QS Slim does not come bundled with Mac compatible software. However there are many free, 3rd party burning programs available for Mac. We recommend using Burn! burning software with the Kanguru QS Slim.

Removing your Kanguru QS Slim

To properly remove the device from your computer, you need to first eject any disc in the drive. Your system may freeze up or give you an error message if you remove the device without properly stopping it first.

To remove your Kanguru QS Slim, click and drag the CD/DVD icon from your desktop to the trashcan. This will safely eject the disc from your system. Once the disc has been removed you can safely disconnect the USB Cable. If there is no disc in drive, there won’t be a CD/DVD icon on your desktop. In this case you can simply disconnect the USB cable.
2.3 Linux Operation

Setting up your Kanguru QS Slim

Linux operating systems have a built-in driver to support the Kanguru QS Slim. Simply plug in the Kanguru QS Slim DVDRW to your computer and your operating system will automatically detect the new hardware and install the appropriate driver. A CD/DVD icon will appear on your desktop when a CD or DVD is inserted into the drive.

**Note:** The CD/DVD icon will only appear on your desktop when a CD or DVD is inserted in the drive. You will not see a CD/DVD icon on your desktop if the QS Slim is connected but there is no CD or DVD present.

Burning CDs/DVDs

The Kanguru QS Slim does not come bundled with Linux compatible software. However there are many free, 3rd party burning programs available for Linux. We recommend using *K3B Burning Tool* burning software with the Kanguru QS Slim.

Removing your Kanguru QS Slim

To properly remove the device from your computer, you need to first eject any disc in the drive. Your system may freeze up or give you an error message if you remove the device without properly stopping it first.

To remove your Kanguru QS Slim, right-click on the CD/DVD icon from your desktop and then select **Eject Volume**. This will safely eject the disc from your system. Once the disc has been removed you can safely disconnect the USB Cable. If there is no disc in drive, there won’t be a CD/DVD icon on your desktop. In this case you can simply disconnect the USB cable.
3. **Cleaning and Maintenance**

- This drive is an electronic device. It needs careful handling and use.
- Keep the drive free from dust and other contaminants.
- Keep liquid and moisture away from the drive.
- Clean the exterior by wiping it with a soft dry cloth. Cleaning agents can damage the surface of your drive.
- Do not drop or bump the drive. You may damage the internal components.
- Do not try to open the drive to repair it yourself. There are no serviceable parts inside. You might be exposed to dangerous voltage. You will also break the seal and void the warranty.

4. **FAQ**

**Should I update my USB driver?**
Yes, it is a good idea to always keep your drivers up to date. It is a good idea to check Microsoft’s Windows Update website at [http://windowsupdate.microsoft.com](http://windowsupdate.microsoft.com) or for USB driver updates.

**The device cannot be detected or is disabled (have yellow exclamation point next to the device name under the USB section in the Device Manager). What can I do?**
Please make sure you are logged in as the Administrator or a user with Administrator privileges in Windows in order to install new hardware and driver. Unplug the drive and then plug it back into the system. If you still see the yellow exclamation mark try uninstalling then reinstalling your hardware.

To reinstall your hardware:
1. Open the Computer Management Console by right clicking on My Computer and selecting Manage.
2. Select Device Manager. A list of your system devices appears.
3. Click on the device with the yellow exclamation point next to it to select it.
4. Click on the Action menu at the top and choose Uninstall. The device will uninstall.
5. Click on Action menu and choose Scan for hardware changes to reload the driver.

**I cannot get the USB cable to retract all the way back into the drive. What can I do?**
If your cable does not retract completely back inside of the drive, pull the cable back out, twist the cable 90 degrees clockwise and then try feeding the twisted cable into the enclosure.

**After following all the troubleshooting tips, the device still does not work. What can I do?**
Please check with your computer or motherboard manufacturer for any USB driver fix. Also, please go to Windows Update to check for any update to the Microsoft USB driver. You should also update your BIOS to the latest version. Please contact your motherboard’s manufacturer for help with that. If you still have problem you cannot resolve, please contact Kanguru Technical Support at 1-508-376-4245, option 2.
5. **WARRANTY**

This product carries a 1-year limited warranty from the date of purchase. Kanguru Solutions is not responsible for any damages incurred in the shipping process. Any claims for loss or damage must be made to carrier directly. Claims for shipping errors should be reported to Kanguru Solutions within three (3) working days of receipt of merchandise.

6. **TECH SUPPORT**

If you experience any problems installing your Kanguru product or have any technical questions regarding any of our products, please call our tech support department. Our tech support is free and available Monday thru Friday, 9am to 5pm EST.

Call 1-508-376-4245
Or visit our website at [www.Kanguru.com](http://www.Kanguru.com)