



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for LINKSYS SR224. You'll find the answers to all your questions on the LINKSYS SR224 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LINKSYS SR224  
User guide LINKSYS SR224  
Operating instructions LINKSYS SR224  
Instructions for use LINKSYS SR224  
Instruction manual LINKSYS SR224

## 16-Port and 24-Port 10/100 Switches



Use this guide to install the following products:

SR216	16-Port 10/100 Switch
SR224	24-Port 10/100 Switch

User Guide

 LINKSYS®



[You're reading an excerpt. Click here to read official LINKSYS SR224 user guide](http://yourpdfguides.com/dref/325979)  
<http://yourpdfguides.com/dref/325979>

**Manual abstract:**

Linksys is a registered trademark or trademark of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. Copyright © 2003 Cisco Systems, Inc. All rights reserved. Other brands and product names are trademarks or registered trademarks of their respective holders. **LIMITED WARRANTY** Linksys warrants to the original end user purchaser ("You") that, for a period of the product's lifetime, (the "Warranty Period") Your Linksys product will be free of defects in materials and workmanship under normal use. Your exclusive remedy and Linksys's entire liability under this warranty will be for Linksys at its option to repair or replace the product or refund Your purchase price less any rebates. If the product proves defective during the Warranty Period call Linksys Technical Support in order to obtain a Return Authorization Number.

**BE SURE TO HAVE YOUR PROOF OF PURCHASE ON HAND WHEN CALLING.** When returning a product, mark the Return Authorization Number clearly on the outside of the package and include a copy of your original proof of purchase. **RETURN REQUESTS CANNOT BE PROCESSED WITHOUT PROOF OF PURCHASE.** You are responsible for shipping defective products to Linksys. Linksys pays for UPS Ground shipping from Linksys back to You only.

Customers located outside of the United States of America and Canada are responsible for all shipping and handling charges. **ALL IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE WARRANTY PERIOD. ALL OTHER EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF NON-INFRINGEMENT, ARE DISCLAIMED.** Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to You. @@@@The foregoing limitations will apply even if any warranty or remedy provided under this Section fails of its essential purpose. 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.

Please direct all inquiries to: Linksys, P.O. Box 18558, Irvine, CA 92623. **FCC STATEMENT** Every 10/100 Switch has been tested and complies 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 according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found by turning the 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 separation between the equipment or devices · Connect the equipment to an outlet other than the receiver's · Consult a dealer or an experienced radio/TV technician for assistance  
SR216\_224-UG-30623NC JL Table of Contents Chapter 1: Introduction The 10/100 Switch Features Chapter 2: Getting to Know the 10/100 Switch Overview Front Panel LEDs and Ports Back and Side Panel Features Chapter 3: Connecting the 10/100 Switch Overview Connecting Network Devices Placement Options Appendix A: Glossary Appendix B: Specifications Environmental Appendix C: Warranty Information Appendix D: Contact Information 1 1 1 2 2 2 2 4 4 5 6 7 9 10 11 12 Chapter 1: Introduction r The 10/100 Switch With its advanced switching technology, the Linksys 16- or 24-Port 10/100 Switch will boost your network performance with much more than just full duplex data transfer and dedicated bandwidth. It features non-blocking, wirespeed switching that forwards packets as fast as your network can deliver them.

Also included are Address Learning and Aging to prevent data transfer errors and Data Flow Control to help prevent packet collisions. You have several installation options. The Switch's compact size fits onto your desktop, or use the wall mount slots to hang it somewhere out of the way. If your network equipment is in a rack, install it using the included rack mount brackets. No matter how intensive your network demands, the Linksys 16- or 24-Port 10/100 Switch has speed, flexibility, and reliability that you can count on. @@@@System Green. The System LED will light up when the Switch is powered on. Green. @@@@ (The 16Port 10/100 Switch is shown in Figure 3-2.) 1.

@@2. @@Connect the other end to a PC or other network device. 4. Repeat steps 2 and 3 to connect additional devices. 5.

@@Plug the other end of the power cord into an electrical outlet. 7. Power on the devices connected to the Switch. @@@@Auto-negotiate - To automatically determine the correct settings. The term is often used with communications and networking.

@@@CAT 5 cable has a maximum throughput of 100 Mbps and is usually utilized for 100BaseTX networks. CAT 5e - The additional cabling performance parameters of return loss and farend crosstalk (FEXT) specified for 100BASE-T and not specified for 10BASE-T and 100BASE-TX are related to differences in the signaling implementation. 10BASE-T and 100BASE-TX signaling is unidirectional-signals are transmitted in one direction on a single wire pair. In contrast, Gigabit Ethernet is bi-directional-signals are transmitted simultaneously in both directions on the same wire pair; that is, both the transmit and receive pair occupy the same wire pair. Ethernet - IEEE standard network protocol that specifies how data is placed on and retrieved from a common transmission medium. Has a transfer rate of 10 Mbps. Forms the underlying transport vehicle used by several upper-level protocols, including TCP/IP and XNS. Fast Ethernet - A 100 Mbps technology based on the 10Base-T Ethernet CSMA/CD network access method. To rack mount the Switch, follow these instructions: 1. The Switch has four mounting holes on each side.

Screw an included mounting bracket into each side. 2. Lift the Switch into the rack, and secure the brackets with additional screws (not included). To hang the Switch on a wall, follow these instructions: 1. The wall-mount slots are two crisscross slots on the Switch's bottom panel (see Figure 3-3). The distance between the two slots is 95 mm. Attach two screws to the wall, so that the Switch's wall-mount slots line up with the two screws. Figure 3-3 2.

@@@Mbps (Megabits per second) - One million bits per second; unit of measurement for data transmission. Appendix B: Specifications Model Number SR216 16-Port 10/100 Switch SR224 24-Port 10/100 Switch IEEE 802.

3, IEEE 802.3u Standards MDI (Medium Dependent Interface) - On a network hub or switch, a MDI port, also known as an uplink port, connects to another hub or switch using a straight-through cable.



[You're reading an excerpt. Click here to read official LINKSYS SR224 user guide](http://yourpdfguides.com/dref/325979)  
<http://yourpdfguides.com/dref/325979>

*To connect a MDI port to a computer, use a crossover cable. MDI-X (Medium Dependent Interface Crossed) - On a network hub or switch, a MDI-X port connects to a computer using a straight-through cable. To connect a MDI-X port to another hub or switch, use a crossover cable.*

*Network - A system that transmits any combination of voice, video and/or data between users. Switch - 1. A data switch connects computing devices to host computers, allowing a large number of devices to share a limited number of ports. 2. A device for making, breaking, or changing the connections in .*



[You're reading an excerpt. Click here to read official LINKSYS SR224 user guide](#)  
<http://yourpdfguides.com/dref/325979>