



Toshiba DAZ8823A Owner's Manual

Docsis cable modem

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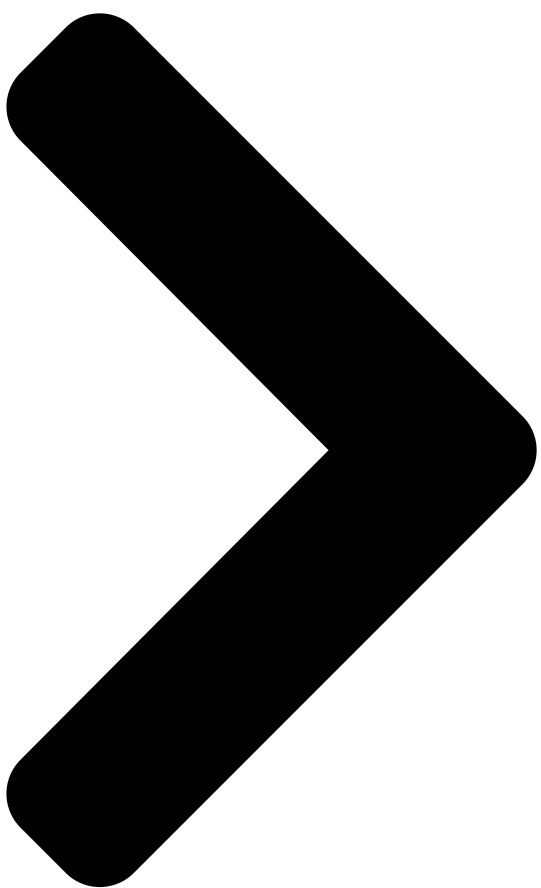
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Toshiba DOCSIS Cable Modem

Owner's Manual

PCX2600 Toshiba DOCSIS Cable M

Model Name DAZ8823A
Owner's Manual

Mar., 2003

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[Modem Toshiba DOCSIS DAZ8820F Owner's Manual](#)

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[Modem Toshiba PCX2200 Owner's Manual](#)

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[Modem Toshiba V.9256K User Manual](#)

Toshiba internal modem user's guide v.9256k (120 pages)

[Modem Toshiba PCX1100U Owner's Manual](#)

Docsis cable modem (21 pages)

[Modem Toshiba PCX1000 Owner's Manual](#)

Docsis cable modem (18 pages)

[Modem Toshiba P000233790 Owner's Manual](#)

Wireless cable modem gateway (53 pages)

Summary of Contents for Toshiba DAZ8823A

[Page 1](#) Toshiba DOCSIS Cable Modem Owner's Manual PCX2600 Model Name DAZ8823A Mar., 2003 (UDU)

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[Page 3: Table Of Contents](#)

Table of Contents Congratulations on Your Purchase Contact Information Support Information Sales Information Web Page Important Rules for Safe Operation Installation USE and Maintenance Service Overview How does a cable modem work? How does a cable modem connect to a computer? What is DOCSIS? Getting Started Contacting your Cable Provider...

[Page 4: Congratulations On Your Purchase](#)

Congratulations on Your Purchase! Your new Toshiba DOCSIS Cable Modem will provide you with high-speed access to the Internet through your cable TV (CATV) network- accesses at a fraction of the time it takes traditional telephone modems. In addition, your service will be always connected. Those two features give you the information you want, when you want it

[Page 5: Important Rules For Safe Operation](#)

Use the Recommended AC Adapter - You must use the Adapter that comes with your Toshiba PCX2600. Check Power Sources - The AC adapter for your Toshiba PCX2600 must be used with an AC120V 60Hz supply outlet. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.

[Page 6: Use And Maintenance](#)

Use Caution in Mounting the PCX2600 - Do not place the PCX2600 on an unstable surface or support. The PCX2600 may fall, causing serious injury to a child or adult, as well as serious damage to the PCX2600. Use Care in Moving Product-and-Cart Combinations - Quick stops, excessive, force and uneven surfaces may cause the product-and-cart combination to overturn.

[Page 7: Service](#)

<Service> Do Not Remove Covers - Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel. Removing the cover VOIDs your warranty. Refer Servicing to Qualified Service Personnel Under the Conditions Listed Below - If the power supply cord or plug is damaged.

[Page 8: Overview](#)

Overview The modem provides you with high-speed data communications over the television cable network by following the widely accepted DOCSIS standards that were developed by Cable Television Laboratories, Inc. This standard offer a combination of high performance and interoperability among many of the cable system operators in North America.

[Page 9: What Is Docsis](#)

What is DOCSIS? Data Over Cable Service Interface Specifications. DOCSIS defines interface requirements for cable modems involved in high-speed data distribution over a cable television network. On November 17, 1997, Cable Television Laboratories, Inc. (Cable Labs) and its members established a formal path of certification for cable modem equipment suppliers to obtain an interoperability seal for their products based on the DOCSIS specification.

[Page 10: Getting Started](#)

Contacting your Cable Provider Please keep in mind that you will need to notify your cable internet provider before using the new Toshiba PCX2600, even if you have a cable modem that is currently functioning with your computer. Package Contents for the PCX2600 Make sure that you've received the following items.

[Page 11: Installing The Usb Drivers](#)

Installing the USB Drivers If you are using the USB(Universal Serial Bus) interface to connect the PCX2600 to your Windows PC via the USB, you must install the " USB Driver" in your computer. The USB Drivers for your operating system is located in the CD-ROM shipped with the PCX2600.

[Page 12](#) Important Information If you have trouble installing the USB drivers for your new PCX2600, you may have inadvertently installed the USB Composite Device Driver that Windows 98SE automatically loads. To correct this problem, please execute the instructions. USB COMPOSITE DRIVER REMOVAL (1)Make sure that the USB cable is plugged into your computer.

[Page 13: Led Diagnostics](#)

LED Diagnostics The PCX2600 has five status LEDs for diagnostics. You can monitor the LEDs during installation and during normal operations. Table 1 shows PCX2600 status LEDs and identifies what each LED light means. This table will help you to diagnose problems. Function Color Cable...

[Page 14: How To Use The Stand](#)

How to Use the Stand Please attach the stand to the front of the PCX2600, referring to the figure below.

[Page 15: Specifications](#)

Specifications The Toshiba PCX2600 is DOCSIS compliant. <RF Interface> Receiver Physical Speed: 30 Mbps (64QAM) / 43 Mbps (256QAM) Symbol rate : 5.056941 Msym/sec (64QAM) 5.360537 Msym/sec (256QAM) Demodulation: 64QAM / 256QAM Bandwidth: 6 MHz Frequency range: 88 MHz to 860 MHz (edge-to-edge) in 62.5 kHz steps...

[Page 16](#) <Power> AC adapter input: AC adapter output to cable modem: 12VDC @1A AC Power consumption: <Mechanical> Size (inches): 1.4+/-0.1 (width) Weight (lbs): 1.1 (approximately, not includes the AC adapter) <Environmental> Operating temperature: 32 to 104 degrees Fahrenheit Humidity: 10 to 90 percent (non-condensing) Storage temperature: -4 to 140 degrees Fahrenheit Safety: EN60950...

[Page 17: Q & A](#)

Q & A Q: How to connect the PCX2600 to the hub/switch via the LAN interface ? A: The PCX2600 is connected to the uplink port on the hub/switch, or use cross-over Ethernet cable to connect

the normal port on the hub/switch. (See below) Ethernet HUB/ Switch Q: How to connect the PCX2600 to the computer via the USB ?

[Page 18](#) Q: Where can I download the driver for my PCX2600 ? A: If you are using LAN interface, the PCX2600 is a stand -alone device that has a Ethernet port. All workstations or hub must have a 10BASE-T/100BASE-TX port or card to connect to the PCX2600.

[Page 19: Regulatory](#)

Regulatory <>FCC Notice: This equipment has been tested and found to comply with the limits for a Class B personal computer and peripherals, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

[Page 20: Glossary](#)

LAN cable. F connector A type of coaxial connector, labeled RF on the rear of the Toshiba Cable Modem, that connects the modem to the cable system. Headend The equipment, in the central office of the service provider, where the cable signals originate.

[Page 21](#) Connector on the Toshiba Cable Modem, labeled LAN, that connects the modem to a computer or to a HUB. Subscriber A computer user in the home who accesses a data service using the Toshiba Cable Modem. Subnet A network subdivision. When subnetting is used, the IP (Internet Protocol) address is divided into a subnet number and a host number.

[Page 22: Installing The Pcx2600](#)

Installing the PCX2600 To avoid thermal problems, allow at least one inch spacing between the ventilation holes and any object to either side of the unit. It's best to have no obstructions on top of the unit. The top of the unit should be at least two inches from any obstruction. Connect the PCX2600 using the following steps, referring to the figure below.

This manual is also suitable for:

Pcx260Pcx2600