



# Toshiba NetPac Installation And Operation Manual

Wireless system



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# Toshiba NetPac Wireless System Installation and Operation Manual

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Single-chip rf transceiver for low-power systems (102 pages)

### [Transceiver Toshiba ZS-7222A Service Data](#)

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## Summary of Contents for Toshiba NetPac

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[Page 2](#) Toshiba NetPac Wireless System Installation and Operation Manual Document  
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[Page 3](#) PC. See the ASD PRO Software Manual (P/N 59443) for additional information on using ASD PRO Software. To maximize the abilities of your Toshiba NetPac Wireless System, a working familiarity with this guide will be required. This guide has been prepared for the installer, user, and maintenance personnel.

### [Page 4: About This Guide](#)

At Toshiba we're continuously searching for better ways to meet the constantly changing needs of our customers. E-mail your comments, questions, or concerns about this publication to Technical-Publications-Dept@tic.toshiba.com.

[Page 5](#) Printed in the U.S.A. Contacting Toshiba's Customer Support Center Toshiba's Customer Support Center can be contacted to obtain help in resolving any Adjustable Speed Drive system problem that you may experience or to provide application information. The Support Center is open from 8 a.m. to 5 p.m. (CST), Monday through Friday.

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System...

### [Page 7: General Safety Information](#)

The word WARNING preceded by the safety alert symbol indicates that a potentially hazardous situation exists that, if not avoided or if instructions are not followed precisely, could result in serious injury to personnel or loss of life. WARNING NetPac Wireless System...

[Page 8](#) CAUTION The word CAUTION without the safety alert symbol indicates a potentially hazardous situation exists that, if not avoided or if instructions are not followed precisely, may result in equipment and property damage. CAUTION NetPac Wireless System...

### [Page 9: Special Symbols](#)

DO NOT remove or cover any of these labels. If the labels are damaged or if additional labels are required, contact your Toshiba Sales Representative. Labels attached to the equipment are there to provide useful information or to indicate an imminently hazardous situation that...

### [Page 10: Qualified Personnel](#)

For additional information on workplace safety, visit [www.osha.gov](http://www.osha.gov). Equipment Inspection • Upon receipt of the equipment inspect the packaging and equipment for shipping damage.

### [Page 11: Disposal](#)

If any discrepancies are discovered, it should be noted with the carrier prior to accepting the shipment, if possible. File a claim with the carrier if necessary and immediately notify your Toshiba Sales Representative. • DO NOT install equipment if it is damaged or if it is missing any component(s).

### [Page 12: Installation Precautions](#)

Installation Precautions Personnel Protection • The Toshiba NetPac Wireless System is to be installed, operated, and disposed of by Qualified Personnel only. • Personal protection equipment is to be used to protect employees from any hazards inherent to system operation.

### [Page 13: Hardware Installation](#)

Qualified Personnel only. • The Toshiba NetPac Wireless System is designed for use in Toshiba's 7-Series and 9-Series ASDs only. DO NOT attempt to install the wireless components in any other type of system, as this may result in equipment damage or injury to personnel.

### [Page 14: Hardware Installation And Connections](#)

— the Jumper PCB is no longer required. Insert the Adapter Board (P/N 59513) into the J4 and J5 dual in-line rows of connectors of the control board (figure to right) — ensure that the board is inserted with the correct NetPac Wireless System...

### [Page 15: Rj-45 Transceiver Installation](#)

Close the front door or reattach the front cover (device- specific). Apply system/ASD power. Note: CNU1 of the control board CANNOT be used while using the Toshiba NetPac Wireless System. RJ-45 Transceiver Installation Perform steps Series-2 Transceiver Module Installation on...

### [Page 16: Transceiver Part Numbering Convention](#)

RJ-45 Transceiver Part Numbering Convention USB Transceiver Part Numbering Convention NetPac Wireless System...

### [Page 17: Software Installation And Verification](#)

Software Installation and Verification The Toshiba NetPac Wireless System software is to be used for system setup only. Consult the ASD PRO Software Manual for specifics on the operation of the ASD PRO software. Driver/Port Installation and Setup Proper system operation requires that two components be loaded onto the host PC: Driver information and Port information.

[Page 18](#) Figure 1. New Hardware Wizard. Toshiba Inter. Corp. USB to NetPac Browse to the CD ROM drive and select the folder (driver) of the operating system being used (i.e., Vista, XP, etc.) and click Next (see Figure 2.). Note: If the PC operating system is unknown, right- click the My Computer icon of the PC desktop and select Properties.

[Page 19](#) In the event that the Files Needed dialog box appears, browse to the required file(s) of the CD ROM drive and click OK. Figure 3. Files Needed Dialog Box. Upon completion of the installation the Found New Hardware Wizard Completion dialog box appears — Click Finish. NetPac Wireless System...

[Page 20](#) Repeat the procedure once from step page 11 to load the port information. Driver/Port Installation and Setup are complete upon the completion of the second execution of step above. NetPac Wireless System...

### [Page 21: Usb Driver/Port Verification](#)

At the Device Manager dialog box expand the Universal Serial Bus Controllers folder. The Toshiba Inter. Corp. USB to NetPac file being listed is an indication of a successful driver load. At the Device Manager dialog box expand the Port (COM &...

[Page 22](#) Close the System Properties dialog box. The USB/COM port is installed successfully and is ready for use. In the event that Toshiba Inter. Corp. USB to NetPac does not appear as a

folder item, contact the Toshiba Customer Support Center for assistance.

### [Page 23: System Operation](#)

Set parameter F851 to provide a system disposition in the event of a communications loss. 2-Wire and 4-Wire Operation The 7- and 9-Series ASD NetPac Wireless Systems may be set for 2-Wire or 4-Wire operation. The ASD must be set to the 2- or 4-wire configuration as...

### [Page 24: Asd Pro Software](#)

ASD from a PC via serial communication. A free copy of the ASD PRO Software and the ASD PRO Software Installation and Operation Manual may be downloaded from web site [www.toshiba.com/ind](http://www.toshiba.com/ind). From the [www.toshiba.com/ind](http://www.toshiba.com/ind) web site click Industrial Division\Drives\G9 LV Severe Duty Industrial.

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[Page 27](#) TOSHIBA TOSHIBA INTERNATIONAL CORPORATION INDUSTRIAL DIVISION 13131 West Little York Road, Houston, TX 77041-5807 US (800) 231-1412 CAN (800) 872-2192 MEX 01 (800) 527-1204 FAX: (713) 466-8773 <http://www.toshiba.com/ind/> Printed in the U.S.A.