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### **Book Descriptions:**

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## Book Descriptions:

# compex wp543 manual

The procedure is following Your router is in Restore mode. Now reboot your router manually turn off turn on and OpenWrt will boot. Please refer to "what to do if there is a onboard NAND Flash". If you want to change of wireless MAC, see this. Refer to them for more possibly outdated information. By using the website, you agree with storing cookies on your computer. Also you acknowledge that you have read and understand our Privacy Policy. If you do not agree leave the website. OK More information about cookies. Using Atheros AR7130 300MHz Processor, WP543 is able to support highspeed data transmission of up to 300 Mbps. Compex firmware on WP543 supports AP and client modes, so that the users can use them as APs or CPEs. NetPassage WP543 also incorporates features that are useful to system integrators, such as Antenna Alignment for adjusting your antenna to optimize performance and Syslog for event logging. Each VAP will be able to configure their own security WEP, TKIP, and AES. Antenna Alignment Allows user to adjust their external antenna to receive the optimum throughput. DHCP Relay Only in Gateway or Wireless Routing Client Mode Allows DHCP Clients on different subnets to get IP address from central DHCP server. Please Sign in or create an account We offer specialised networking solutions for best WiFi Data Rates, complete optical networks solution, and Data over Coax cable. Specialised for outdoor long range WiFi and heavy indoor and outdoor WiFi for passangers or transport applications, optical lines and Ethernet Over Coax coverage with best data rates. This document contains information, which is protected by copyright. Reproduction, Trademark Information. Microsoft Windows and the Windows logo are the trademarks of Microsoft Corp. NetWare All other brand and product names are All rights reserved. Reproduction, adaptation, Manual Revision by Kee. Manual Number U0397V1.1C. Version 1.1, October 2003. Disclaimer. Compex, Inc. <http://www.hetairia.org/6wmv43-whirlpool-manual.xml>

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The product described in this document, Compex 54Mbps WirelessG Access Point Information

provided This document provides an overview of the key features andIt also contains instructions for installing, configuringAudience This manual is intended for both Network Administrators and endusersAssumptions Procedures listed in the document are intended for Microsoft WindowsHow to use this document If you want to get started without having to readSkip to Chapter 3 for the hardware setup procedure. Follow Chapter 4 for logging onto the configuration interface. Tag on with Chapter 5 for basic configurations. Advanced users can pursue further configuration with Chapter 6. The Table of Contents will guide you to specific topics. Conventions The Compex 54Mbps WirelessG Access Point NetPassage WPE54GHere is a list of icons used throughout the manualTechnology PrimerThis symbol alerts the user of an important notice to be heeded. TheThis symbol characterises sections meant for advanced users orThe user is assumed to have sufficient relevant network knowledge toThis symbol suggests that the user find additional networkingThis symbol highlights exclusive features found on this CompexSecurity Features. 4. The NetPassage WPE54G Package. 5. Schematic Overview of the NetPassage WPE54G. 5. When to use which mode. 6. The Access Point Mode.6. The Access Point Client Mode.7. The Gateway Mode.8. The Wireless Routing Client Mode.9. The Wireless Ethernet Adapter Mode.9Using the SYSTEM TOOLS Menu. 18. System Identity.18. Set System's Clock.19. Firmware Upgrade.20. Save or Reset Settings.21. Reboot System.23. Change Password.24. Logout.25. Using the HELP menu. 26. Get Technical Support.26. About System.27SNMP Setup. 31. WEP Encryption. 32. WAN Setup. 37. Wireless Setup The Wireless Distributed System WDS. 42Chain Configuration Infrastructure Network.43. Parallel Broadband. 47. Load balancing.47. FailOver Redundancy.47. Ease of implementation.47. Wireless Pseudo VLAN Per Node.50.

Wireless Pseudo VLAN Per Group.51. Tag VLAN.55The PortForwarding Virtual Server.60. The IPForwarding Virtual Server.63. Routing. 65. Dynamic Routing.67. IP Filtering. 69. Remote Management. 73. Scan for Site Survey. 74. Data collected in AP mode.74. Data collected in wireless client mode.74Configuring Static IP address allocation. 79. Configuring Static IP address allocation. 80. Configuring Wireless Network Settings. 83. Microsoft Windows XP.83Introduction. Chapter 1 IntroductionNetPassage WPE54G 54 Mbps WirelessG. Access Point! We are committed to deliver,You will soonThe Compex NetPassage WPE54G is a highperformance IEEE 802.11gcompliant wireless accessAdvanced Features. NewWirelessGTurbocharge your wireless. Technology for 50% greaterSecure your data transmissionsEncryption! Read on to find out more aboutIn addition to fast performance, the WPE54GMoreover, the WPE54G supports Compex'sWhat makes the WPE54G more than great is thatThe flexibility of its functions, as Access Point. Access Point Client, Gateway, Wireless Routing. Client or Wireless Ethernet Adapter, makes itIn the Access Point mode operation, the WPE54GLANs. The Gateway mode offers a unique setup,This featurerich mode lets you configure a fullfledged gateway with builtin DHCP server, andForwarding, DeMilitarized Zone, Packet Filtering andThe Compex NetPassage WPE54G presents the mostIntroduction. Compex Exclusive! Enhance your wirelessWireless Pseudo VLAN! Operate the WPE54G inQuicklyRead on to find out moreChapter 2. Chapter 2 Getting to Know Your Product. The Compex NetPassage WPE54G has been designed for high performance and offersKey features. Compatible with IEEE 802.11g and IEEE 802.11b standards. Adopting the 802.11g standard, the Compex NetPassage WPE54G provides you the fastestSince it is fully backward compatibleFeaturing PRISM Nitro™ Technology.

PRISM Nitro™ Technology is incorporated into the Compex NetPassage WPE54G so as toWPE54G can achieve up to 50% higher throughput for "G" networks and up to 300%Read more on this at. Static IP, Dynamic IP, PPP and PPTP over Ethernethot. WAN types. Whether you are using the Compex NetPassage WPE54G in a fixed IP network, in a VPN orBuiltin Dynamic Host Configuration Protocol DHCP Server. As a network administrator, you can easily manage your network's IP address allocationOnce set up, it willLearn more from our DHCP. Technology Primer. Wireless Distributed System WDS. Costeffective and highly flexible, WDS is your key to creating a roaming

network! Using WDS enables you to wirelessly connect several access points, and in so doing, extend your network. Chapter 2. Security Features. You will be glad to learn about the security elements we have put in place to better protect your network. The Compex NetPassage WPE54G uses a private key encryption known as Wired Equivalent Privacy protocol with key lengths of either 64bit or 128bit, to protect data communication. Compex supports the industry standard IEEE 802.1x authentication for enhanced security inbuilt "NAT" firewall. As the Compex NetPassage WPE54G handles the incoming and outgoing data packets, this checking provides Internet Access Policies Packet filtering. To complement the NAT technologies incorporated into the Compex NetPassage WPE54G, Wireless Pseudo VLAN. Compex's exclusive Wireless Pseudo VLAN feature extends the security advantages of the Ethernet-based VLAN to wireless networks. This feature offers data privacy and protection Virtual Servers based on Port Forwarding. Virtual servers on the Compex NetPassage WPE54G allow you to set up application servers. Chapter 2. The NetPassage WPE54G Package. The Compex NetPassage WPE54G retail package contains the following items: Utilities. Schematic Overview of the NetPassage WPE54G. The following diagrams provide a schematic overview of the WPE54G. Side View External Antenna. Rotatable Diagnostic Booting.

<http://www.immobiliaregriffoni.com/images/calibration-manual-3458a.pdf>

Connected. Power LED. Steady. Chapter 2. Back View. Reset button. Push button. External Antenna. Foldable antenna. Power Input. The WPE54G is unique in the sense that it may operate in up to 5 different complex modes. We will henceforth employ the generic term AP mode when referring to the Access Point and Gateway modes and the generic term wireless client mode to refer to the Access Point Client, the Wireless Routing Client and the Wireless Ethernet Adapter. This section presents a brief outline of the different network applications that can be used. The Access Point Mode. This is the default mode of the NetPassage WPE54G. The Access Point mode enables the WPE54G to bridge a Fast Ethernet network with Wireless 802.11b and 802.11g networks. Chapter 2. Notebooks with WL54G cards. Server PC. Switch. Compex. NetPassage USB adapter. Workgroup. PCs connected. The Access Point Client Mode. When configured in the AP Client mode, the WPE54G acts as a local bridge. The bottom remote end uses an Ethernet connection. Getting to know your product. The Gateway Mode. Or more simply put, Broadband Internet sharing in a wireless network! Since the WPE54G supports different types of broadband connections, the first step is to get to know your product. Static IP address. Use this type of connection if you have subscribed to a fixed IP address or a range of IP addresses. Dynamic IP address. When powered through this type of connection, the WPE54G will request for an IP address. For instance, this type of connection applies for certain Internet Service Providers that request for a DHCP Client ID before allocating an IP address. In such a case, you should configure the System Identity with the DHCP Client ID. PPP over Ethernet (PPPoE). Select this type of connection if you are using ADSL services in a country utilising ADSL services. For instance, Singapore. Singapore ADSL Ethernet 512K. All other ADSL subscribers in Singapore including SingTel Magix SuperSurf users. Getting to know your product. Australia BPA Cable.

<http://immobilien-ankauf.com/images/calgary-stormwater-management-and-design-manual.pdf>

This type of connection is especially customised for Big Pond Cable Internet users in Australia. The Wireless Routing Client Mode. When set up in the Wireless Routing Client mode, the WPE54G connects your network to the Internet. The Routing Client would thus act as a wireless client. An application of this mode could be for the WPE54G to act as a wireless client. In such a case, the Ethernet port of the wireless routing client acts as a wireless client. The Wireless Ethernet Adapter Mode. This mode is intended for usage by Internet Service Providers. It is conceptually close to the Wireless Routing Client mode. The difference lies in that the function of a network adapter is to interface a computer with a network. Chapter 3. Chapter 3 Hardware Installation. NetPassage WPE54G Hardware Setup. In two simple steps, you may power ON and begin configuring the WPE54G device. Hardware Setup. To NetPassage WPE54G. Attach the power adapter to the device. You may turn the device ON. Chapter 4. Chapter 4 Webbased configuration interface. Login to webbased configuration interface. Once you

have verified that the WPE54G is switched on and that your PC isThere are 2 alternative ways of accessing the webbased configuration interfaceCompex has developed uConfig to give the user direct access to webconfigurable Ethernet devices. Accessing the Webbased Configuration InterfaceInsert the Product CD into the. CDROM drive. It will automatically run to theYou will see the screen shown inChapter 4NetPassageProducts List.This opens the WPE54G'sThe password is set to password byPress the Log On! button to enterNOTE The uConfig feature appears on all Compex devicesAccessing the Webbased Configuration InterfaceAt the AddressThis opens the WPE54G'sChapter 5. Chapter 5 Basic configuration. Basic configuration. The default mode set by the WPE54G is the Access Point mode. From the Configuration menu, the few steps illustrated below will enable you toBasic Configuration. The screen illustrated on theClick on Mode SelectionSetup. Wireless. Details buttonWeWireless Routing ClientChapter 5.

You can overwrite the defaultWPE54G is in AP modeWhen the WPE54G isStation. NameIt is a good practice toWhen the WPE54G isAll devices connecting toChapter 5PS mode stands for Power SavingDifferent countries have differentThe value extends from 0 to 3000We illustrate with 2432.Chapter 5For Access Point and Gateway modesSystem, the WPE54G will notThisYou can exit the configurationExituConfig. Otherwise, to change the. WPE54G to a different mode. You will have to wait a fewNOTE The values illustrated in the above examples are suggestedChapter 5. The Show Link Information function offers a summary of the link data when the. WPE54G is in either of the Access Point Client, Wireless Routing Client or the. Wireless Ethernet Adapter mode. Show Link Information. Click on the. Show. Information. LinkWhen an AP is connected to aThe. Link. InformationChapter 5. Using the SYSTEM TOOLS Menu. System Identity. If your network operates with several Compex NetPassage WPE54G, you would findIn certain cases, your Internet Service Provider might request for a System NameThis System Name also serves as a DHCP. Client ID during negotiations with the DHCP Server for dynamic IP addressYou can define the System Identity of the WPE54G to be also utilised as System. Name or as DHCP Client ID. Follow the next few steps to define a System Identity for your WPE54G. Click on System IdentitySystem Name field.Chapter 5. Set System's Clock. Synchronising the builtin clock of the WPE54G with the time kept by yourFollow these steps to set your system's clock. ClickSystem's. Clock from the System ToolsChange the Time Zone forSNTP stands for Simple Network. Time Protocol and is used toChapter 5. Firmware Upgrade. Compex products are designed for upgradeability. You can check the current versionKeep your WPE54G updated with the latest capabilities by downloading its latestUsing the SYSTEM TOOLS Menu.

Click on Firmware UpgradeKey in the path and file name ofUpgrade Firmware path and fileAlternatively, click on the BrowseWhen the process is complete, the. WPE54G will automatically restart. NOTE The firmware upgrade process must NOT be interruptedChapter 5. Save or Reset Settings. This feature enables you to save the configuration settings with which you haveYou may choose to save the configuration profile, to makeThe following steps illustrate how to use this feature. Click on Save or Reset. Settings from the System. Tools menu. If you want to save the currentRestart the WPE54G toIf you want to back up the. WPE54G's current settings ontoClick onBackupChapter 5. If you want to return the WPE54GOr you may type in theRestoreMachine's configurationIf you want to discard ALL theClick on the Clear. Reset button.Chapter 5. Reboot System. Most of the changes you make to the system's settings require a reboot of the. WPE54G before the new configuration can take effect. The following steps will guide you through the rebooting process. Click on Reboot SystemYou will be prompted toClick on the YesChapter 5. Change Password. It is recommended that you change the password of the WPE54G, which is caseThis system password is required forYou can change the system password by following the next few steps. Click on Change PasswordPassword field.ApplyChapter 5. Logout. To exit the webbased configuration environment, follow the next few steps. Click on Logout. System Tools menu.The system will take you to a LoginIf you need to access the. WPE54G's configuration

interfaceClickLogonChapter 5. Using the HELP menu. Get Technical Support. This page presents the contact information of Compex's technical support centresTo access this page. Using the HELP Menu. Click on Get TechnicalSupport. The WPE54G is a featurepackedTechnical Support Centres byChapter 5. About System.

The About System page displays a summary of your system configurationYou can use the informationFollow the next steps to have a glance at the settings applied in your network. Click on AboutSystem. The System Information page willWPE54G's configuration settings.Chapter 6. Chapter 6 Advanced Configuration. Management Port Setup. This section addresses the Advanced DHCP Server Options made available to theThe builtin DHCP server in the WPE54G facilitates the IP address allocationHowever, you may in addition, require DHCP server reservations for specific IP andThe ability to make IP reservations enables you to assign a fixed IP address to yourThe next diagram illustrates fixed and dynamic IP addressing using the WPE54G. Public. Server with fixed. IP IP addressDHCP server. WirelessGDynamic IPSwitch. NetPassageWorkgroupChapter 6. For more information on DHCP, you can refer to the DHCP Technology PrimerLearn more from our DHCP. Configuring Advanced DHCP Server Options. Go through the following steps to configure the Advanced DHCP Server Options ofManagement Port Setup. Advanced DHCP Server OptionsPortConfiguration menu. You will find the Advanced DHCP. Server Options near the bottom ofLeases to viewIP leases managed by the. DHCP server as in the figureServer. Reservations to reserveThis will bring up the screenChapter 6PC's. EthernetHardware Address field.Reservations.Chapter 6. SNMP Setup. Simple Network Management Protocol SNMP is a set of communication protocolsEnabling SNMP. The following will guide you in enabling SNMP in the WPE54G. Enabling SNMP. Click on SNMP. Setup from the. Configuration menu. The screen shown below will appear.State dropdown list. The default Read Password is set to. Password is private.Chapter 6. WEP Encryption.

Wired Equivalent Privacy WEP is a security protocol for wireless local areaBoth the access point and the client device use the same WEP key to encrypt andThe WPE54G supports both 64bit as well as 128bit WEP encryption keys in bothConfiguring WEP Encryption. Follow the next steps to enable the WEP encryption feature in your WPE54G. Configuring WEP EncryptionClick on the WEP EncryptionOn the WEP Setup page whichWEP encryption from the dropdown list as shown in the figureWEP Encryption is disabled byChapter 6. For 64bit WEP Encryption. IfEnter 5 alphanumericKey field. IfEnterFor 128bit WEP Encryption. IfEnter 13 alphanumericKey field. IfEnterApplyMessage. WEP key appliedWindow.The use of IEEE 802.1X offers an effective framework for authenticating andThe Access Point mode. ClickConfiguration menu. The screen shown on the rightYou can overwrite the defaultThe 802.1x security mode is disabledThe 802.1x security mode is enabled. WEP keys are not required since thisThis mode combines the 802.1xThe key hasRADIUS server. You can choose anyLength dropdown list.WAN Setup. WAN Setup. The WAN setup is only operational when the WPE54G is configured in either the. Gateway mode or the Wireless Routing Client mode. If your ISP requires your Ethernet MAC address to be authenticated before assigningWPE54G. That PC must be used to log on to the WPE54G to change its Ethernet. MAC address to that of the Ethernet card. The following steps will act as guideline for your WAN setup. WAN SetupClick on WAN Setup from the. The WAN Setup screen on theChapter 6. The WPE54G is set to Dynamic IPIf you need to change the type of. Internet connection at any timeClick on the Change button. The Select WAN Type screen shownIf you need to test the connectionClick on the Connect buttonEnable the radio buttonIf you are using Static. Address allocationAddress and Gateway IP. Address fields with theChapter 6. If you are changing to PPP. Ethernet modePassword.

Select theAlwaysOnThen, if you want to change theFill in the Reconnect Time. Factor field set to 30 secondsOtherwise, the OnDemand mode is setThe. Idle. TimeoutChapter 6. If you are changing to Singapore ADSLPassword.Internet activity.Else, type in a value rangingIf you are switching to

Australia BPA. Cable connection Password. Internet activity. Chapter 6 Else, type in a value ranging If you are using PPTP connection Netmask according to your network Password. Internet activity. Else, type in a value ranging Chapter 6. To clone the MAC address of the PC onto the router.