

MP8000 Bluetooth® Overload Relay



Configuring a Windows PC for Point-to-Point Ethernet Communications

- 1. Open the computer's Control Panel.
- 2. In the Control Panel, search for the "Network and Sharing Center" link (shown in figure 1 below).



Figure 1. Control Panel view showing Network and Sharing Center link

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3. In the left pane of the Network and Sharing Center, click on the "Change adapter settings" link (shown in figure 2 below).

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File Edit View Tools Help	Air Control Panel Items Network and Sharing Center	▼ + Search Control Panel
Control Panel Home	View your basic network information and set up connec	tions
Manage wireless networks Change adapter settings Change advanced sharing	Computer Name Domain (This computer)	E See full map
settings	View your active networks Access type: Domain network Connections:	Connect or disconnect Internet Local Area Connection M Wireless Network Connection
	Change your networking settings	
	Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc, or VPN connection	on; or set up a router or access point.
	Connect to a network Connect or reconnect to a wireless, wired, dial-up, or VPN netw	vork connection.
See also	Choose homegroup and sharing options Access files and printers located on other network computers, o	or change sharing settings.
HomeGroup Internet Options Windows Firewall	Troubleshoot problems Diagnose and repair network problems, or get troubleshooting	information.

Figure 2. Network and Sharing Center Change adapter settings link

4. In the Change adapter settings link, you will see icons representing all of the available Ethernet and Bluetooth connections. The Ethernet port on PCs is usually listed as "Local Area Connection" (as shown in figure 3 below).



Figure 3. Local Area Connection

5. Right-clicking the "Local Area Connection" icon will bring up a sub-menu. Select "Properties" from the sub-menu (shown in figure 4 below).

Control Panel Network and Internet Network Connections							
File Edit View Tools Advanced Help							
Organize 🔻 Disable this network device Diagnose this connection Rename this connection View status of							
Bluetooth Network Connection Not connected Bluetooth Device	Local Area Connection Vireless Network Vireless Network						
	🚱 Properties						

Figure 4. Local Area Connection "Properties" selection

- 6. The "Local Area Connection Properties" window will open.
- 7. Highlight "Internet Protocol Version 4 (TCP/IPv4) in the items list and then click the "Properties" button on the right-hand side of the window (both shown in Figure 5 below).

Local Area Connection Properties		
Networking Sharing		
Connect using:		
Intel(R) Ethernet Connection		
Configure		
This connection uses the following items:		
Client for Microsoft Networks		
VMware Bridge Protocol		
QoS Packet Scheduler		
File and Printer Sharing for Microsoft Networks		
Internet Protocol Version 4 (TCP/IPV4)		
Link-Laver Topology Discovery Responder		
Install Uninstall Properties		
Description		
Transmission Control Protocol/Internet Protocol. The default		
across diverse interconnected networks.		
OK Cancel		

Figure 5. Local Area Connection Properties window

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8. When the Internet Protocol Version 4 (TCP/IPv4) Properties window opens, you will see that your computer is configured to either "Obtain an IP address automatically" (shown in figure 6 below) OR "Use the following IP address" (shown in figure 7 below).

Internet Protocol Version 4 (TCP/IPv4) Properties	Internet Protocol Version 4 (TCP/IPv4) Properties
General Alternate Configuration	General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically	Obtain an IP address automatically
O Use the following IP address:	Use the following IP address:
IP address:	IP address: 192 . 168 . 128 . 252
Sybnet mask:	Subnet mask: 255 . 255 . 255 . 0
Default gateway:	Default gateway: 223 . 255 . 255 . 0
Obtain DNS server address automatically	Obtain DNS server address automatically
Use the following DNS server addresses:	O Use the following DNS server addresses:
Preferred DNS server:	Preferred DNS server:
Alternate DNS server:	Alternate DNS server:
Validate settings upon exit	Validate settings upon exit
OK Cancel	OK Cancel

Figure 6. Obtain an IP address automatically

Figure 7. Use the following IP address

9. If your computer is configured to use a static IP address, make sure and record the values listed in all of the relevant fields.

NOTE - It is not uncommon for some fields to be completed and some blank

•	IP address:	 •	•	•	
•	Subnet Mask:	 •	•	•	
•	Default Gateway:	 •	•	•	
•	Preferred DNS server:	 •	•	•	
•	Alternate DNS server:	 •	•	•	

- 10. In order for the point-to-point connection to function properly, the Internet Protocol Version 4 (TCP/IPv4) Properties must be configured as follows (shown in figure 8 below):
 - IP address: <u>10</u> <u>106</u> <u>0</u> <u>1</u>
 - Subnet Mask: <u>255</u> <u>255</u> <u>0</u> <u>0</u>

Internet Protocol Version 4 (TCP/IPv4) Properties				
General				
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.				
Obtain an IP address automatically				
Use the following IP address:				
IP address:	10 .106 . 0 . 1			
Subnet mask:	255.255.0.0			
Default gateway:	· · ·			
Obtain DNS server address automatically				
O Use the following DNS server addresses:				
Preferred DNS server:				
Alternate DNS server:	• • •			
Validate settings upon exit	Advanced			
	OK Cancel			

Figure 8. Point-to-Point Communication TCP/IPv4 settings

- 11. Click the "OK" button.
- 12. The computer is now properly configured for point-to-point communications.
- 13. To restore the computer to the settings necessary for communication on the user's usual network, repeat steps 1-8 and re-establish the IP address, Subnet mask, Default gateway, Preferred DNS server, and Alternate DNS server as they were recorded in step 9.