N5HZC00036 (Atheros 802.11b/g wireless LAN) operational manual

- Install Wireless LAN driver and utility Execute setup program by double clicking the file; c:\u00e4util\u00e4drivers\u00e4wlan\u00e4install Utility\u00e4setup.exe
- 2 When setup completed, you cans see shortcut icon on the desktop 'Atheros Client utility and Wireless LAN utility icon on the task bar on right bottom corner on the screen.
- 3 Run the utility by double clicking the shortcut icon on the desktop.
- 4 Atheros Client Utility Window popup then this current wireless LAN communication status is displayed on the screen. default 'Radio' 'enable'
- 5 Sub menu
 - (1)'Current Status'

'Signal Strength': Green bar shows wireless communication link is established with Access Point and its length liner to signal strength.

Signal level at right of the bar shows from strongest level:

Excellent, Good, Fair, Poor, and 'No Link' in order.

urrent Status	Profile Management	Diagnostics	
Total 802.11	Profile Name:	1Fshield	Total 802
THEROS	Link Status:	Associated	ATHERO
	Wireless Mode:	2.4 GHz 11 Mbps	IP Address: 192.168.111.129
Network Type:		Infrastructure	Current Channel: 3
Server Based Authentication:		None	Data Encryption: None
	Signal Strength:		Excellent

below shows 'Radio Status: Software Disabled' i.e.,Wireless LAN is disabled by pull down menu of 'Action'-'Disable Radio'

A Atheros Client Utility - Current Pro	file: Default 🛛 ? 🔀
Action Options Help	
Current Status Profile Management Diagnos	tics
Profile Name:	Total 80211
Link Status: Not Asso	
Wireless Mode:	IP Address:
Network Type:	Current Channel:
Server Based Authentication:	Data Encryption:
Signal Strength:	No Link
Radio Status: Softwa	re Disabled
	Advanced

If you click 'Advanced' below information is displayed on new window. This window can be closed by clicking 'OK'

Advanced Status			? 🛛
Network Name (SSID):	TCADT-WLAHG54J1	Current Signal Strength:	-52 dBm
Server Based Authentication:	None	Current Noise Level:	-95 dBm
Data Encryption:	None	Up Time:	00:26:19
Authentication Type:	None	802.11b Preamble:	Short & Long
Message Integrity Check:	None	Current Receive Rate:	48.0 Mbps
QoS:	None	Current Transmit Rate:	36.0 Mbps
Associated AP Name:	Unavailable	Channel:	3
Associated AP IP Address:	Unavailable	Frequency:	2.422 GHz
Associated AP MAC Address:	00-07-40-ED-CF-A5	Channel Set:	United States
Power Save Mode:	Normal		
Current Power Level:	100 mW		
Available Power Levels (802.11b/g):	100, 63, 50, 30, 20, 10 m	W	ОК

6. 'Profile management'

At this page, AP profile you will use can be set and stored as profile. SSID, ciphering mode: WEP(64/128bit) or AES(64/128bit)

7. Taskbar icon

Task bar of Atheros Client Utility also shows signal strength by tiny four vertical bars and if 'no link' or WLAN is disabled, red circle and grey bar status is displayed.

Signal level 'Excellent'

'No link'



8.Help About

Help-About shows current Wireless LAN driver/Client Utility version number which Atheros communications Inc. has assigned for management.

ction Options Help Current Status Profile	Management Diagnostics		
Total 80211	Profile Name:	le Name:	
Δ	About		
ATHEROS	<u>A</u>	theros Client Utility	ОК
	Configuration	n Utility: 4.2.0.390	Help
Server Based	Application Int	terface: 4.2.0.390	
	Authentication Interface: 3.2.15.0		
	Authentication Protocol	Driver: 3.4.10.0	
	Wireless Device	Driver: 4.2.2.27	
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