DAP-2695

802.11b/g /n/ac Access Point

Command Line Interface Reference Manual

First Edition (March 2014)

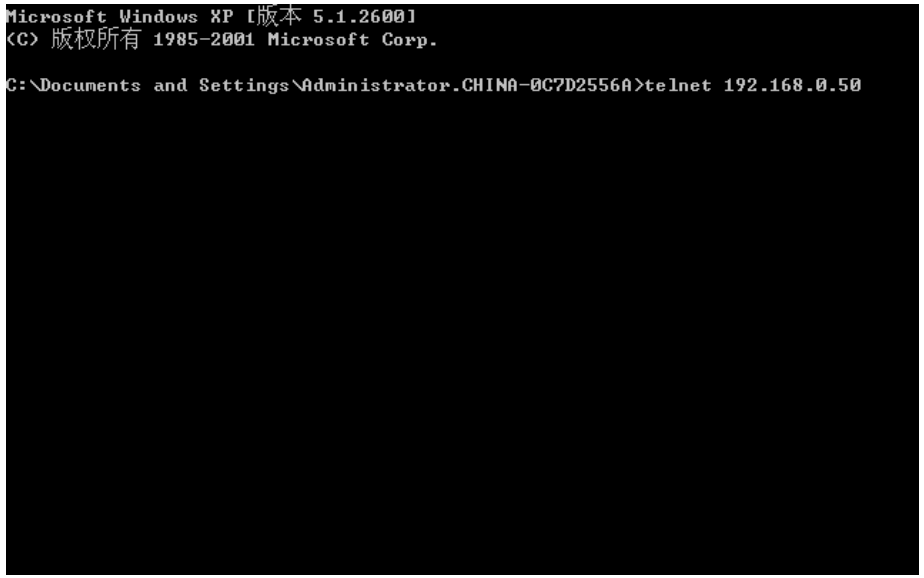
RECYCLABLE

Table of Contents

1

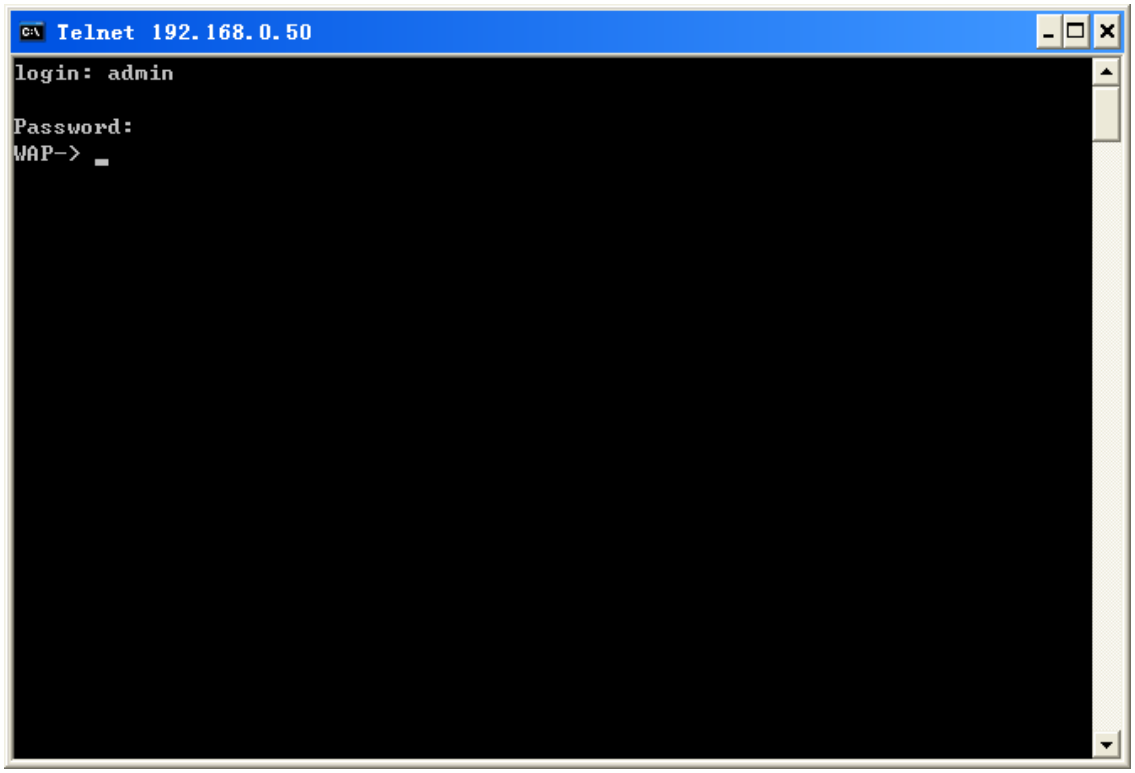
USING THE CLI

The DAP-2695 can be accessed by Telnet. Using Microsoft Windows Operation system as example, open the Command Prompt on the computer that will be used for configuring and managing the AP and enter telnet and IP address of DAP-2695 in the first line. Using the default IP address as example, enter telnet 192.168.0.50 to cause thefollowing screen to open: (picture on the left)



Press Enter in the screen above. The following screen opens: (picture on the right)

Type “admin” for the D-Link Access Point login username in the screen above and press Enter. The following screen opens:

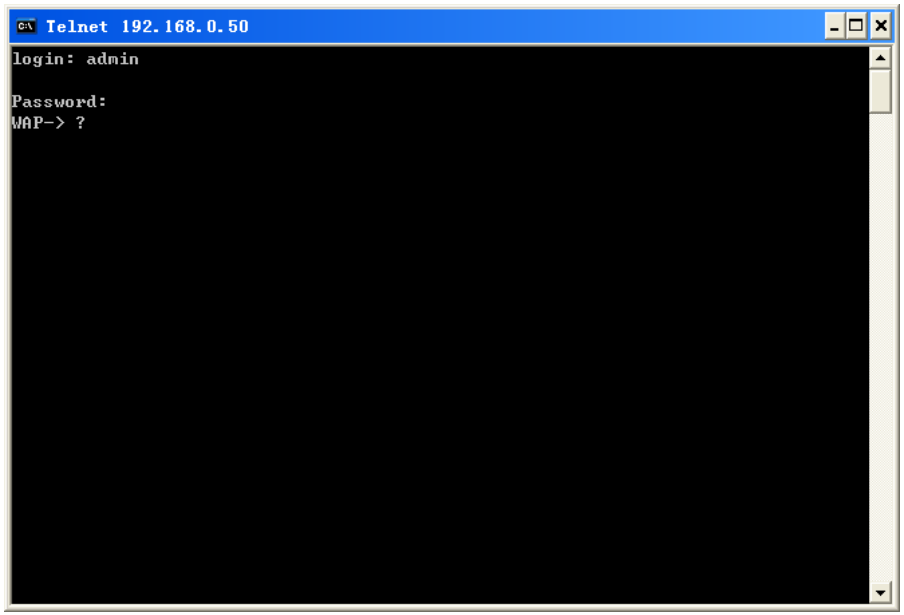


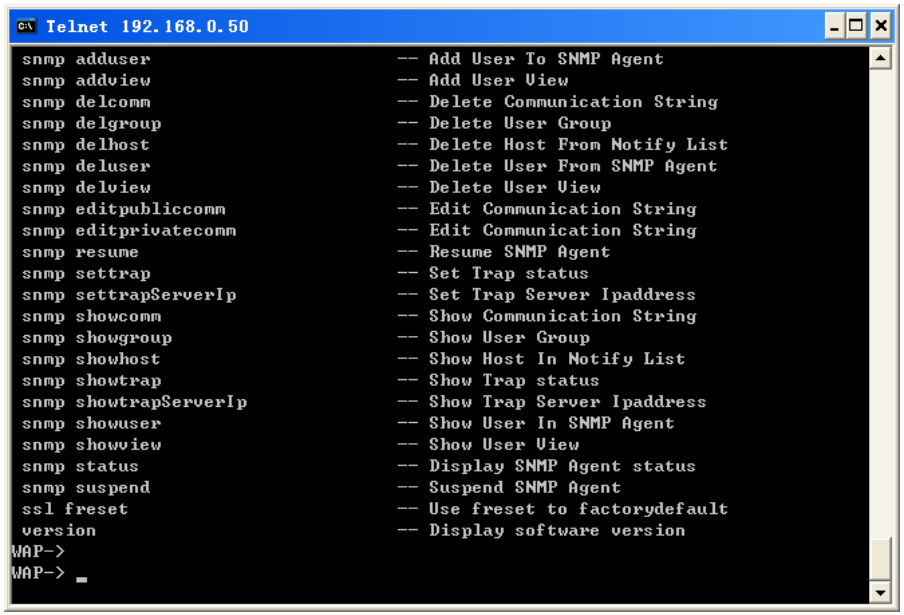
There is no initial password. So go on for the next.

The screen above indicates you have successfully logged into the DAP-2695.

Commands are entered at the command prompt, WAP->

There are a number of helpful features included in the CLI. Entering the “?” command and then pressing Enter will display a list of all of the top-level commands. The same information can also be displayed by entering “help”.





Press Enter to see a list of all the available commands. Alternatively, you may enter “help” and the press Enter, here goes the result: (picture on the right.)

When you enter a command without all of its required parameters, the CLI will prompt you with a list of possible completions. For example, if “tftp” was entered, the following screen opens:

```
WAP->
WAP-> tftp
tftp getconfig                  -- Use tftp to get configuration from PC
tftp getfirmware                -- Use tftp to get Firmware from PC
tftp putconfig                  -- Use tftp to put configuration to PC
WAP->
```

2

COMMAND SYNTAX

The following symbols are used to describe how command entries are made and values and arguments are specified in this manual. The online help contained in the CLI and available through the console interface uses the same syntax.

	Note: All commands are case-insensitive.

<angle brackets>	
Purpose	Encloses a variable or value that must be specified.
Syntax	set ssid <ssidname>
Description	In the above syntax example, you must specify the ssidname. Do not type the angle brackets.
Example Command	set ssid dap2695

[square brackets]	
Purpose	Encloses a required value or set of required arguments. One value or argument can be specified.

Syntax	get multi-authen [index]
Description	In the above syntax example, you must specify an index to be created. Do not type the square brackets.
Example Command	get multi-authen 2

: colon	
Purpose	Separates two or more mutually exclusive items in a list, one of which must be entered.
Syntax	set antenna <1:2:best>
Description	In the above syntax example, you must specify either 1, 2 or best. Do not type the colon.
Example Command	set antenna best

3

UTILITY COMMANDS

Help Command:	**Function**	**Syntax**
help	Display CLI Command List	help or ?
Ping Command:	**Function**	**Syntax**
ping	Send ICMP ECHO_REQUEST to network hosts	ping <xxx.xxx.xxx.xxx>
Restart and Exit Commands:	**Function**	**Syntax**
set factorydefault	Restore to factory default setting	set factorydefault
reboot	Reboot Access Point. It is necessary to reboot the AP after making Configuration changes for those changes to take effect.	reboot
ssl freset	Use freset to factorydefault	ssl freset
get bootcodeinfo	Display bootcode information	get bootcodeinfo
Version & HW Display Command:	**Function**	**Syntax**
version	Displays the currently loaded firmware version	version
get cpuinfo	Display cpu info percentage	get cpuinfo
get meminfo	Display mem info percentage	get meminfo
get hardware	Display Hardware Revisions	get hardware
get macaddress	Display Mac address	get macaddress
get country	Display Country	get country
get pingctl	Display Ping Control state	get pingctl
get inact	Display the value of a specific inact	get inact
set pingctl	Set Ping Control	set pingctl

Administration Command:	Function	Syntax
get uptime	Display UpTime	get uptime
get time	Display time	get time
pwd	Print name of current/working directory	pwd
set apply	Apply the seting	set apply
set time	Set time (year month day hour min sec)	set time [year month day hour min sec]
clear language-pack	Clear language pack	clear language-pack
set inact	Set the value of a specific inact	set inact
TFTP Command:	**Function**	**Syntax**
tftp getconfig	Use tftp to get configuration from PC	tftp getconfig
tftp getfirmware	Use tftp to get Firmware from PC	tftp getfirmware
tftp putconfig	Use tftp to put configuration to PC	tftp putconfig
tftp getxmlconfig	Use tftp to get xml configuration from PC	tftp getxmlconfig
tftp putxmlconfig	Use tftp to put xml configuration to PC	tftp putxmlconfig
Web Command:	**Function**	**Syntax**
get web	Display WEB Information	get web
set web	Set WEB Status	set web
set webredirect	Set Web Redirect	set webredirect

4

ETHERNET COMMANDS

Get Command:	Function	Syntax
get ipaddr	Display IP Address	get ipaddr
get ipmask	Display IP Network/Subnet Mask	get ipmask
get gateway	Display Gateway IP Address	get gateway
get ipmode	Display IP Mode	get ipmode
get eth-updownlink	Display ethernet uplink/downlink state	get eth-updownlink
get updownlink	Display primary ssid uplink/downlink state	get updownlink
get uplink_bandwidth	Display uplink bandwidth	get uplink_bandwidth
get downlink_bandwidth	Display downuplink bandwidth	get downlink_bandwidth
get nameaddr	Display DNS Address	get nameaddr
get ipv6	Display IPv6 settings	get ipv6
Set Command:	**Function**	**Syntax**
set ipaddr	Set IP Address	set ipaddr <xxx.xxx.xxx.xxx> Explanation: <xxx.xxx.xxx.xxx> is IP address
set ipmask	Set IP Network/Subnet Mask	set ipmask < xxx.xxx.xxx.xxx> Explanation: <xxx.xxx.xxx.xxx> is Network mask
set gateway	Set Gateway IP Address	set gateway <xxx.xxx.xxx.xxx> Explanation: <xxx.xxx.xxx.xxx> is IP address
set ipmode	Set IP Mode(Static or Dynamic)	set ipmode
set eth-updownlink	Set ethernet uplink/downlink state	set eth-updownlink [link/down/none]
set fixedrate	Set Fixed Rate	set fixedrate

set nameaddr	Set DNS Address	set nameaddr
set uplink_bandwidth	Set uplink bandwidth	set uplink_bandwidth
set downlink_bandwidth	Set downlink bandwidth	set downlink_bandwidth
set updownlink	Set primary ssid uplink/downlink state	set updownlink

5

WIRELESS COMMANDS

Fundamental		
Get Command:	**Function**	**Syntax**
get apmode	Display AP Operate Mode	get apmode
get band	Display current Band	get band
get ssid	Display Service Set ID	get ssid
get ssidhidden	Display SSID hidden Mode as enabled or disabled	get ssidhidden
get autochannel	Display AutoChannel	get autochannel
get channel	Display Channel	get channel
get ch_env	Display channel environment	get ch_env
get availablechannel	Display available channel list	get availablechannel
get cwm	Display CWM	get cwm
get wireless	Display Wireless	get wireless
get wlmode_db	Display Wlmode	get wlmode_db
get beaconinterval	Display Beacon Interval	get beaconinterval
get dtim	Display Delivery Traffic Indication Message Beacon Rate	get dtim
get txpower	Display Txpower	get txpower
get wmm	Display WMM	get wmm
get uapsd	Display UAPSD Status	get uapsd
get acktimeout	Display ACKTIMEOUT	get acktimeout
get shortgi	Display Shortgi	get shortgi
get igmpsnoop	Display IGMP Snoop	get igmpsnoop

get assoclimitstatus	Display Association Limit setting status	get assoclimitstatus
get mcastrate	Display mcast rate	get mcastrate
get wlancount	Display wlan count	get wlancount
get wlan_utilization	Get Wlan utilization	get wlan_utilization
get d-wepkeylen	Display 802.1X dynamic WEP Key Length	get d-wepkeylen
get d-wepkeyupdate	Display 802.1X dynamic WEP Rekey Interval(in Secs)	get d-wepkeyupdate
Set Command:	**Function**	**Syntax**
set apmode	Set AP Operate Mode	set apmode [ap/apc/wdsap/wds]
config wlan	Set AP Band (0:2.4G/1:5G)	config wlan [0/1]
set band	Set ap band (2.4G or 5G)	set band [2.4g/5g]
set ssid	Set Service Set ID	set ssid
set ssidhidden	Set ssidhidden	set ssidhidden
set autoChannel	Set AutoChannel	set autoChannel
set channel	Set Channel (1--11)	set channel
set cwm	Set CWM	set cwm
set wireless	Set Wireless	set wireless
set wlmode_db	Set Wlmode	set wlmode_db
set beaconinterval	Set Beaconinterval (range:25--500)	set beaconinterval [25-500]
set dtim	Set DTIM (1--15)	set dtim [1-15]
set txpower	Set Txpower	set txpower
set wmm	Set WMM	set wmm
set acktimeout_a	Set acktimeput in A band (range:25--200)	set acktimeout_a
set acktimeout_g	Set acktimeput in G band (range:48--200)	set acktimeout_g [48-200]
set shortgi	Set Shortgi	set shortgi
set igmpsnoop	Set igmp snooping states	set igmpsnoop [enable/disable]
set assoclimit	Set Association Limit	set assoclimit [enable/disable/number]
set mcastrate	Set mcast rate	set mcastrate

set mcastrate_dualband	Set mcast rate	set mcastrate_dualband
set wlan_utilization	Set wlan utilization	set wlan_utilization
set uapsd	Set UAPSD	set uapsd
set d-wepkeylen	Set 802.1X dynamic WEP Key Length	set d-wepkeylen
set d-wepkeyupdate	Set 802.1X dynamic WEP Rekey Interval(in Secs)	set d-wepkeyupdate
set apcscan	Set wireless client site survey	set apcscan
Security		
Del Command:	**Function**	**Syntax**
del key	Delete Encryption key (index:1--4)	del key [1-4]
Get Command:	**Function**	**Syntax**
get authentication	Display Authentication Type	get authentication
get cipher	Display Encryption cipher type	get cipher
get key	Display Encryption Key (index:1--4)	get key [1--4]
get keyentrymethod	Display Encryption Key Entry Method [index:1--4]	get keyentrymethod [1--4]
get keylength	Display Encryption Key Length (in Bits)[index:1--4]	get keylength [1--4]
get defkeyindex	Display Default Key Index	get defkeyindex
get groupkeyupdate	Display Group Key Update Interval (in Secs)	get groupkeyupdate
get autorekey	Display autorekey	get autorekey
get autorekey_smtp	Display autorekey smtp state	get autorekey_smtp
get rogue_ap	Display Rogue AP List	get rogue_ap
Set Command:	**Function**	**Syntax**
set authentication	Set Authentication Type	set authentication
set cipher	Set Cipher of wep,tkip,aes, or auto	set cipher
set key	Set Encryption Key Index [1--4][value]	set key [1--4][value]
set keyentrymethod	Select Encryption Key Entry Method of key [index 1--4]	set keyentrymethod [1--4]
set keylength	Set Encryption Key Length of key Index [1--4]	set keylength [1--4]
set defkeyindex	Set Default Key Index [1--4]	set defkeyindex [1--4]

set groupkeyupdate	Set Group Key Update Interval (in Secs: 300-9999999)	set groupkeyupdate [300--9999999]
set passphrase	Modify Passphrase (size:8--63)	set passphrase [8--63]
set autorekey	Set autorekey enable	set autorekey
set rogue_set_type_mac	set rogue ap index type and mac < type macaddradd macaddress>	set rogue_set_type_mac [macaddress]
WDS		
Get Command:	**Function**	**Syntax**
get wdsinfo	Display wds Info	get wdsinfo
get wdsmac	Display WDS MAC Address List	get wdsmac
get wdsscaninfo	Display wds site survey Info	get wdsscaninfo
Set Command:	**Function**	**Syntax**
set wdsmacadd	Add WDS MAC Addr <macaddress xx:xx:xx:xx:xx> [INDEX]	set wdsmacadd [index]
set wdsmacdel	DEL WDS MAC Addr [INDEX]	set wdsmacdel [index]
set wdsscan	Set wds site survey	set wdsscan
TCM Command:	**Function**	**Syntax**
tcm status	tc monitor enable/disable	tcm status
tcm mode	tcm mode disable/ssid_average/ssid_fixed/sta_wlmode/sta_fixed ssid 1-16	tcm mode [disable / ssid_average / ssid_fixed / sta_wlmode / sta_fixed ssid 1-16]
tcm uprate	tcm uprate xx kbps/mbps [ssid 1-16]/total (total must be mbps)	tcm uprate [xx kbps/mbps [ssid 1-16]/total (total must be mbps)]
tcm downrate	tcm downrate xx kbps/mbps [ssid 1-16]/total (total must be mbps)	tcm downrate [xx kbps/mbps [ssid 1-16]/total (total must be mbps)]
tcm show	show setting of tc monitor	tcm show
tcm mode	tcm mode disable/ssid_average/ssid_fixed/sta_wlmode/sta_fixed ssid 1-16(9-16 for dual) sta_wlmode / sta_fixed ssid 1-16	tcm mode
Preferred		
Get Command:	**Function**	**Syntax**
get preferred5g	Display preferred5g	get preferred5g

get pre5g_rssi	Display preferred5g rssi threshold	get pre5g_rssi
get pre5g_refuse	Display preferred5g max refuse num	get pre5g_refuse
get pre5g_diff	Display preferred5g max sta diff	get pre5g_diff
get pre5g_age	Display preferred5g max aging time	get pre5g_age
Set Command:	**Function**	**Syntax**
set preferred5g	Set preferred5g	set preferred5g
set pre5g_rssi	Set preferred5g rssi threshold	set pre5g_rssi
set pre5g_refuse	Set preferred5g max refuse num	set pre5g_refuse
set pre5g_diff	Set preferred5g max sta diff	set pre5g_diff
set pre5g_age	Set preferred5g max ageing time	set pre5g_age

6

MULTI-SSID COMMANDS

Get Command:	Function	Syntax
get multi-state	Display Multi-SSID state	get multi-state
get multi-pri-state	Display Multi-SSID pripority state	get multi-pri-state
get priority	Display Priority of primary SSID	get priority
get multi-defkeyindex	Display Default Key Index of Multi-SSID[index]	get multi-defkeyindex [index]
get multi-wepkey	Display Encryption Key (index:1--4) of Multi-SSID[index]	get multi-wepkey [index]
get multi-ssid	Display ESSID of Multi-SSID[index]	get multi-ssid [index]
get multi-ssidhidden	Display ssid-hidden state of Multi-SSID[index]	get multi-ssidhidden [index]
get multi-auth [index]	Display Authentication Type for Multi-SSID	get multi-auth [index]
get multi-priority	Display Priority of Multi-SSID[index]	get multi-priority [index]
get multi-wmm	Display WMM state of Multi-SSID[index]	get multi-wmm [index]
get multi-cipher	Display Encryption cipher of Multi-SSID[index]	get multi-cipher [index]
get multi-groupkeyupdate	Display Group Key Update Interval (in Secs) of Multi-SSID[index]	get multi-groupkeyupdate [index]
get multi-ind-state	Display Multi-SSID [index] individual state	get multi-ind-state [index]
get multi-w-partition	Display wlan partition state of Multi-SSID[index]	get multi-w-partition [index]
get multicast_bwctrl	Display Multicast Bandwidth Control	get multicast_bwctrl
get multi-updownlink	Display uplink/downlink state of Multi-SSID[index]	get multi-updownlink [index]
get multicast_max_bw	Display Maximum Multicast Bandwidth	get multicast_max_bw
get multi-acctip	Display Accounting server IP address of Multi-SSID[index]	get multi-acctip [index]
get multi-acctport	Display Accounting port number of Multi-SSID[index]	get multi-acctport [index]
get multi-backup-acctip	Display Backup Accounting server IP address of	get multi-backup-acctip [index]

	Multi-SSID[index]	
get multi-backup-acctport	Display Backup Accounting port number of Multi-SSID[index]	get multi-backup-acctport [index]
get multi-backup-radiusip	Display Backup RADIUS server IP address of Multi-SSID[index]	get multi-backup-radiusip [index]
get multi-backup-radiusport	Display Backup RADIUS port number of Multi-SSID[index]	get multi-backup-radiusport [index]
get multi-d-wepkeylen	Display 802.1X dynamic WEP Key Length of Multi-SSID[index]	get multi-d-wepkeylen [index]
get multi-d-wepkeyupdate	Display 802.1X dynamic WEP Rekey Interval of Multi-SSID[index]	get multi-d-wepkeyupdate [index]
get multi-radiusip	Display RADIUS server IP address of Multi-SSID[index]	get multi-radiusip [index]
get multi-radiusport	Display RADIUS port number of Multi-SSID[index]	get multi-radiusport [index]
get multi-agbyrssiordrstatus	Display aging out by rssi/data rate status	get multi-agbyrssiordrstatus
get multi-aclbywlmodeperssid	Display acl by wlan mode status per ssid	get multi-aclbywlmodeperssid
get multi-aclbyrssi	Display acl by rssi status	get multi-aclbyrssi
get multi-agingbyrssithreshhold	Display aging out by rssi threshhold	get multi-agingbyrssithreshhold
get multi-aclbyrssithreshhold	Display acl by rssi threshhold	get multi-aclbyrssithreshhold
get multi-agingbydataratethreshhold	Display aging out by datarate threshhold	get multi-agingbydataratethreshhold
Set Command:	**Function**	**Syntax**
set multi-state	Set Multi-SSID state	set multi-state
set multi-pri-state	Set Multi-SSID pripority state	set multi-pri-state
set priority	Set priority of primary SSID	set priority
set multi-defkeyindex	Set Default Key Index [1-4] of Multi-SSID[index]	set multi-defkeyindex
set multi-wepkey	Set Encryption Key (index:1--4) of Multi-SSID[index]	set multi-wepkey [index]
set multi-ssid	Set ESSID of Multi-SSID[index]	set multi-ssid [index]
set multi-ssidhidden	Set ssid hidden state of Multi-SSID[index]	set multi-ssidhidden [index]
set multi-auth	Set Authentication Type of Multi-SSID[index]	set multi-auth [index]
set multi-priority	Set priority of Multi-SSID[index]	set multi-priority [index]
set multi-wmm	Set WMM state of Multi-SSID[index]	set multi-wmm [index]
set multi-cipher	Set Cipher type of Multi-SSID[index]	set multi-cipher [index]

set multi-passphrase	Modify Passphrase (size:8--63) of Multi-SSID[index]	set multi-passphrase [index]
set multi-groupkeyupdate	Set Group Key Update Interval (in Secs: 300-9999999) of Multi-SSID[index]	set multi-groupkeyupdate [index]
set multi-updownlink	Set uplink/downlink state of Multi-SSID[index]	set multi-updownlink [index]
set multicast_bwctrl	Set Multicast Bandwidth Control	set multicast_bwctrl
set multicast_max_bw	Set multicat_bwctrl (0--1024)	set multicast_max_bw [0--1024]
set multi-ind-state	Set Multi-SSID [index] individual state	set multi-ind-state [index]
set multi-w-partition	Set wlan partition state of Multi-SSID[index]	set multi-w-partition [index]
set multi-acctstate	Set Accounting server state of Multi-SSID[index]	set multi-acctstate [index]
set multi-acctip	Set Accounting server IP of Multi-SSID[index]	set multi-acctip [index]
set multi-acctport	Set Accounting server port number of Multi-SSID[index]	set multi-acctport [index]
set multi-acctsecret	Set Accounting server secret (size:1--64) of Multi-SSID[index]	set multi-acctsecret [index]
set multi-backup-acctip	Set Backup Accounting server IP of Multi-SSID[index]	set multi-backup-acctip [index]
set multi-backup-acctport	Set Backup Accounting server port number of Multi-SSID[index]	set multi-backup-acctport [index]
set multi-backup-acctsecret	Set Backup Accounting server secret (size:1--64) of Multi-SSID[index]	set multi-backup-acctsecret [index]
set multi-backup-radiusip	Set Backup RADIUS IP address of Multi-SSID[index]	set multi-backup-radiusip [index]
set multi-backup-radiusport	Set Backup RADIUS port number of Multi-SSID[index]	set multi-backup-radiusport [index]
set multi-backup-radiussecret	Set Backup RADIUS server secret (size:1--64) of Multi-SSID[index]	set multi-backup-radiussecret [index]
set multi-d-wepkeylen	Set 802.1X dynamic WEP Key Length of Multi-SSID[index]	set multi-d-wepkeylen [index]
set multi-d-wepkeyupdate	Set 802.1X dynamic WEP Rekey Interval(in Secs) of Multi-SSID[index]	set multi-d-wepkeyupdate [index]
set multi-radiusip	Set RADIUS IP address of Multi-SSID[index]	set multi-radiusip [index]
set multi-radiusport	Set RADIUS port number of Multi-SSID[index]	set multi-radiusport [index]
set multi-radiussecret	Set RADIUS server secret (size:1--64) of Multi-SSID[index]	set multi-radiussecret [index]
set multi-agingbyrssi	Set aging out by rssi status	set multi-agingbyrssi
set multi-agingbydatarate	Set aging out by datarate status	set multi-agingbydatarate

set multi-aclbywlmodeperssid	Set acl by wlan mode status per ssid	set multi-aclbywlmodeperssid
set multi-aclbyrssi	Set acl by rssi status	set multi-aclbyrssi
set multi-agingbyrssithreshhold	Set aging out by rssi threshhold	set multi-agingbyrssithreshhold
set multi-aclbyrssithreshhold	Set acl by rssi threshhold	set multi-aclbyrssithreshhold
set multi-agingbydataratethreshhold	Set aging out by datarate threshhold	set multi-agingbydataratethreshhold

7

VLAN COMMAND

Get Command:	Function	Syntax
get vlanstate	Display VLAN state	get vlanstate
get vlanmode	Display VLAN mode	get vlanmode
get autosetpvid	Display auto setting pvid by group VID	get autosetpvid
get pvid_primary	Display primary SSID PVID	get pvid_primary
get pvid_eth	Display ethernet PVID	get pvid_eth
get pvid_sys	Display system PVID	get pvid_sys
get groupvid_primary	Display wlan port member of group VID	get groupvid_primary
get groupvid_eth	Display LAN port member of group VID	get groupvid_eth
get groupvid_sys	Display System port member of group VID	get groupvid_sys
get wds-pvid	Get PVID of WDS[index]	get wds-pvid
get wds-groupvid	Get group VID of WDS[index]	get wds-groupvid [index]
get wds-updownlink	Get uplink/downlink state of WDS[index]	get wds-updownlink [index]
get multi-pvid	Display PVID of Multi-SSID[index]	get multi-pvid [index]
get multi-groupvid	Display Group VID of Multi-SSID[index]	get multi-groupvid [index]
Set Command:	**Function**	**Syntax**
set vlanstate	Set VLAN state	set vlanstate
set vlanmode	Set VLAN mode	set vlanmode
set autosetpvid	Auto setting pvid by group VID	set autosetpvid
set pvid_primary	Set primary SSID PVID	set pvid_primary
set pvid_eth	Set ethernet PVID	set pvid_eth

set pvid_sys	Set system PVID	set pvid_sys
set groupvid_primary	Set wlan port member of group VID	set groupvid_primary
set groupvid_eth	Set LAN port member of group VID	set groupvid_eth
set groupvid_sys	Set system port member of group VID	set groupvid_sys
set groupviddel	Delete port member of group VID	set groupviddel
set groupvidname	Set Service Set ID	set groupvidname
set wds-pvid	Set PVID of WDS[index]	set wds-pvid [index]
set wds-groupvid	Set group VID of WDS[index]	set wds-groupvid [index]
set wds-updownlink	Set uplink/downlink state of WDS[index]	set wds-updownlink [index]
set multi-pvid	Set PVID of Multi-SSID[index]	set multi-pvid [index]
set multi-groupvid	Set Group VID of Multi-SSID[index]	set multi-groupvid [index]

8

AP ARRAY COMMAND

Get Command:	Function	Syntax
get aparray-state	Display AP Array state	get aparray-state
get arrayname	Display AP Array arrayname	get arrayname
get arrayrole	Display AP Array role[master:1, backup master:2, slaver:3]	get arrayrole [1/2/3]
get arraypassword	Display AP Array password	get arraypassword
get arraycfg	Display AP Array config version	get arraycfg
get array-sync-ssid	Display AP Array sync ssid state	get array-sync-ssid
get array-sync-ssidhidden	Display AP Array sync ssidhidden state	get array-sync-ssidhidden
get array-sync-autochannel	Display AP Array sync autochannel state	get array-sync-autochannel
get array-sync-channelwidth	Display AP Array sync channelwidth state	get array-sync-channelwidth
get array-sync-security	Display AP Array sync security state	get array-sync-security
get array-sync-fixedrate	Display AP Array sync fixedrate state	get array-sync-fixedrate
get array-sync-beaconinterval	Display AP Array sync beaconinterval state	get array-sync-beaconinterval
get array-sync-dtim	Display AP Array sync dtim state	get array-sync-dtim
get array-sync-txpower	Display AP Array sync txpower state	get array-sync-txpower
get array-sync-wmm	Display AP Array sync wmm state	get array-sync-wmm
get array-sync-acktimeout	Display AP Array sync acktimeout state	get array-sync-acktimeout
get array-sync-shortgi	Display AP Array sync shortgi state	get array-sync-shortgi
get array-sync-igmpsnoop	Display AP Array sync igmpsnoop state	get array-sync-igmpsnoop
get array-sync-connectionlimit	Display AP Array sync connectionlimit state	get array-sync-connectionlimit
get array-sync-linkintegrity	Display AP Array sync linkintegrity state	get array-sync-linkintegrity

get array-sync-multissid	Display AP Array sync multissid state	get array-sync-multissid
get array-sync-multissid_hidden	Display AP Array sync multissid_hidden state	get array-sync-multissid_hidden
get array-sync-multisecurity	Display AP Array sync multisecurity state	get array-sync-multisecurity
get array-sync-multiwmm	Display AP Array sync multiwmm state	get array-sync-multiwmm
get array-sync-qos	Display AP Array sync qos state	get array-sync-qos
get array-sync-vlan	Display AP Array sync vlan state	get array-sync-vlan
get array-sync-schedule	Display AP Array sync schedule state	get array-sync-schedule
get array-sync-time	Display AP Array sync time state	get array-sync-time
get array-sync-log	Display AP Array sync log state	get array-sync-log
get array-sync-adminlimit	Display AP Array sync adminlimit state	get array-sync-adminlimit
get array-sync-system	Display AP Array sync system state	get array-sync-system
get array-sync-consoleprotocol	Display AP Array sync consoleprotocol state	get array-sync-consoleprotocol
get array-sync-snmp	Display AP Array sync snmp state	get array-sync-snmp
get array-sync-pingctl	Display AP Array sync pingctl state	get array-sync-pingctl
get array-sync-dhcp	Display AP Array sync dhcp state	get array-sync-dhcp
get array-sync-login	Display AP Array sync login state	get array-sync-login
get array-sync-acl	Display AP Array sync acl state	get array-sync-acl
get array-sync-band	Display AP Array sync band state	get array-sync-band
Set Command:	**Function**	**Syntax**
set aparray-state	Set AP Array state	set aparray-state
set arrayname	Set AP Array arrayname	set arrayname
set arrayrole	Set AP Array role[master:1, backup master:2, slaver:3]	set arrayrole [1/2/3]
set arraypassword	Set AP Array password	set arraypassword
set array_syncnode_enable	set array_syncnode enable	set array_syncnode_enable
set array_syncnode_disable	set array_syncnode disable	set array_syncnode_disable

9

ACCESS CONTROL LIST COMMANDS

Get Command:	Function	Syntax
get acl	Display Access Control Setting of Enabled or disabled	get acl
get acl-table	Display macfilter table	get acl-table
get macaddrlist	Display MAC Address List	get macaddrlist
get ethlink	Display ethernet integration	get ethlink
get trafficmgr	Display Traffic Manager status	get trafficmgr status
get e_partition	Display e_partition	get e_partition
get w_partition	Display w_partition	get w_partition
get acctstate	Display Accounting state	get acctstate
get acctip	Display Accounting server IP address	get acctip
get acctport	Display Accounting port number	get acctport
get backup-acctip	Display Backup Accounting server IP address	get backup-acctip
get backup-acctport	Display Backup Accounting port number	get backup-acctport
get backup-radiusip	Display Backup RADIUS server IP address	get backup-radiusip
get backup-radiusport	Display Backup RADIUS port number	get backup-radiusport
get radiuscli_auth_status	Display RADIUSClient Auth status	get radiuscli_auth_status
get radiusclient	Display RADIUS Client status	get radiusclient
get radiuscli_user	Display RADIUS Client User name	get radiuscli_user
get radiuscli_pass	Display RADIUS Client User password	get radiuscli_pass
get radiuscli_ser_ip	Display RADIUSClinet's Server ip	get radiuscli_ser_ip
get radiuscli_ser_pass	Display RADIUSClient's Server password	get radiuscli_ser_pass

get radiusip	Display RADIUS server IP address	get radiusip
get radiusport	Display RADIUS port number	get radiusport
get radiuscli_auth_status	Display RADIUSClient Auth status	get radiuscli_auth_status
get agbyrssiordrstatus	Display aging out by rssi/data rate status	get agbyrssiordrstatus
get aclbywlmode	Display acl by wlan mode status	get aclbywlmode
get aclbywlmodeperssid	Display acl by wlan mode status per ssid	get aclbywlmodeperssid
get aclbyrssi	Display acl by rssi status	get aclbyrssi
get agingbyrssithreshhold	Display aging out by rssi threshhold	get agingbyrssithreshhold
get aclbyrssithreshhold	Display acl by rssi threshhold	get aclbyrssithreshhold
get agingbydataratethreshhold	Display aging out by datarate threshhold	get agingbydataratethreshhold
Set Command:	**Function**	**Syntax**
set acl	Set ACL	set acl
set macaddradd	Add MAC Addr <macaddradd macaddress>	set macaddradd
set macaddrdel	DEL MAC Addr <macaddrdel macaddress>	set macaddrdel
set ethlink	Set ethernet integration	set ethlink
set trafficmgr	Set Traffic Manager	set trafficmgr status [enable/disable]
set e_partition	Set e_partition	set e_partition
set w_partition	Set w_partition	set w_partition
set radiusClient	Set RADIUS Client Status	set radiusClient
set radiusCliSerIp	Set RADIUSClient's RADIUS IP address	set radiusCliSerIp
set radiusCliSersecret	Set RADIUSClient's RADIUS shared secret (size:1--64)	set radiusCliSersecret [1--64]
set radiusCliUserName	Set RADIUSClient's User Name	set radiusCliUserName
set radiusCliUserPass	Set RADIUSClient's Password (size:1--64)	set radiusCliUserPass [1--64]
set radiusip	Set RADIUS IP address	set radiusip
set radiusport	Set RADIUS port number	set radiusport
set radiussecret	Set RADIUS shared secret (size:1--64)	set radiussecret [1--64]
set agbyrssiordrstatus	Set aging out by datarate status	set agbyrssiordrstatus

set agingbyrssi	Set aging out by rssi status	set agingbyrssi
set agingbydatarate	Set aging out by datarate status	set agingbydatarate
set aclbywlmode	Set acl by wlan mode status	set aclbywlmode
set aclbywlmodeperssid	Set acl by wlan mode status per ssid	set aclbywlmodeperssid
set aclbyrssi	Set acl by rssi status	set aclbyrssi
set agingbyrssithreshhold	Set aging out by rssi threshhold	set agingbyrssithreshhold
set aclbyrssithreshhold	Set acl by rssi threshhold	set aclbyrssithreshhold
set agingbydataratethreshhold	Set aging out by datarate threshhold	set agingbydataratethreshhold
set multi-agbyrssiordrstatus	Set aging out by datarate status	set multi-agbyrssiordrstatus
set acctstate	Set Accounting state	set acctstate
set acctip	Set Accounting server IP address	set acctip
set acctport	Set Accounting port number	set acctport
set acctsecret	Set Accounting shared secret (size:1--64)	set acctsecret [1--64]
set backup-acctip	Set Backup Accounting server IP address	set backup-acctip
set backup-acctport	Set Backup Accounting port number	set backup-acctport
set backup-acctsecret	Set Backup Accounting shared secret (size:1--64)	set backup-acctsecret [1--64]
set backup-radiusip	Set Backup RADIUS IP address	set backup-radiusip
set backup-radiusport	Set Backup RADIUS port number	set backup-radiusport
set backup-radiussecret	Set Backup RADIUS shared secret (size:1--64)	set backup-radiussecret [1--64]

10

DHCP SERVER COMMANDS

Get Command:	Function	Syntax
get dhcp_dns	Display dhcp server dns ip	get dhcp_dns
get dhcp_endip	Display dhcp server end ip	get dhcp_endip
get dhcp_gateway	Display dhcp server gateway ip	get dhcp_gateway
get dhcp_leasetime	Display dhcp server leasetime	get dhcp_leasetime
get dhcp_netmask	Display dhcp server netmask	get dhcp_netmask
get dhcp_server	Display dhcp server netmask	get dhcp_server
get dhcp_startip	Display dhcp server start ip	get dhcp_startip
get dhcp_sta_expire	Display dhcp server sta's expire time	get dhcp_sta_expire
get dhcp_sta_hostname	Display dhcp server sta's hostname	get dhcp_sta_hostname
get dhcp_sta_mac	Display dhcp server sta's mac	get dhcp_sta_mac
get dhcp_sta_ip	Display dhcp server sta's ip	get dhcp_sta_ip
get dhcp_staticip_mode	Display dhcp server static mode states	get dhcp_staticip_mode
get dhcp_staticip_ip	Display dhcp server static mode ip	get dhcp_staticip_ip
get dhcp_staticip_mac	Display dhcp server static mode mac	get dhcp_staticip_mac
get dhcp_staticip_hostname	Display dhcp server static mode hostname	get dhcp_staticip_hostname
get dhcp_staticip_pool_state	Display dhcp server static mode pool state	get dhcp_staticip_pool_state
get dhcp_wins	Display dhcp server wins ip	get dhcp_wins
get dhcp_force_broadcast	Display server force broadcast states	get dhcp_force_broadcast
Set Command:	**Function**	**Syntax**
set dhcp_dns	Set dhcp server dns ip	set dhcp_dns

set dhcp_endip	Set dhcp server end ip	set dhcp_endip
set dhcp_gateway	Set dhcp server gateway ip	set dhcp_gateway
set dhcp_leasetime	set dhcp server lease time	set dhcp_leasetime
set dhcp_netmask	set dhcp server netmask	set dhcp_netmask
set dhcp_server	Set dhcp server states	set dhcp_server
set dhcp_server_static_ip_mode	Set dhcp server static ip mode states	set dhcp_server_static_ip_mode
set dhcp_startip	Set dhcp server start ip	set dhcp_startip
set dhcp_staticip_set_disable	Set dhcp staticip disable	set dhcp_staticip_set_disable
set dhcp_staticip_set_enable	Set dhcp staticip enable	set dhcp_staticip_set_enable
set dhcp_staticip_set_hostname	Set dhcp staticip's hostname	set dhcp_staticip_set_hostname
set dhcp_staticip_set_ip	Set dhcp staticip's ip	set dhcp_staticip_set_ip
set dhcp_staticip_set_mac	Set dhcp staticip's mac <macaddradd macaddress>	set dhcp_staticip_set_mac
set dhcp_wins	Set dhcp server wins ip	set dhcp_wins
set dhcp_force_broadcast	Set dhcp server force broadcast states	set dhcp_force_broadcast

11

TIME DISPLAY & SNTP COMMANDS

Get Command:	**Function**	**Syntax**
get sntpserver	Display SNTP/NTP Server IP Address	get sntpserver
get tzonelist	Display Time Zone	get tzonelist
get daylightsaving	Display Day Light Saving Time	get daylightsaving
Set Command:	**Function**	**Syntax**
set sntpserver	Set SNTP/NTP Server IP Address	set sntpserver
set tzone	Set Time Zone Setting	set tzone
set daylightsaving	Set Day Light Saving Time	set daylightsaving

12

SYSTEM LOG COMMAND

Get Command:	**Function**	**Syntax**
get syslog	Display Syslog Information	get syslog
Set Command:	**Function**	**Syntax**
set syslog	Set sysLog settings	set syslog

13

OTHER COMMANDS

Intrusion Command:	**Function**	**Syntax**
get intrusion	Display intrusion	get intrusion
set intrusion	Set intrusion	set intrusion
Schedule Commands	**Function**	**Syntax**
get scheduled	Display scheduled	get scheduled
set scheduled	Set scheduled	set scheduled
QoS Commands	**Function**	**Syntax**
get qos	Quality of Service	get qos
set qos	Quality of Service	set qos
ARP Spoofing Prevention Commands	**Function**	**Syntax**
get arpspoofing	Display ARP Spoofing	get arpspoofing
set arpspoofing	Set ARP Spoofing	set arpspoofing
Macclone Commands	**Function**	**Syntax**
get macclonetype	Display MAC address clone type	get macclonetype
get maccloneaddr	Display MAC clone address	get maccloneaddr
set macclonetype	Set MAC address clone type	set macclonetype
set maccloneaddr	Set MAC clone address	
Zonedefence Commands	**Function**	**Syntax**
get zonedefence	Display Zonedefence	get zonedefence
get zonedefence-ip	Display Zonedefence IP table list	get zonedefence-ip

set zonedefence	Set Zone Defence status	set zonedefence
set zone-defence-addip	Add Zone Defence IP Address	set zone-defence-addip
set zone-defence-delip	Del Zone Defence IP Address	set zone-defence-delip
set zone-defence-addipv6	Add Zone Defence IP Address <Plese input complete and correct ipv6 address>	set zone-defence-addipv6
set zone-defence-delipv6	Del Zone Defence IP Address	set zone-defence-delipv6

14

STATUS AND STATS

Get Command:	Function	Syntax
get clientinfo	Display ClientInfo	get clientinfo
get wdsinfo	Display wds Info	get wdsinfo
get ethernetcount	Display ethernet count	get ethernetcount

15

MANAGEMENT

Limit Administrator		
Get Command:	**Function**	**Syntax**
get ladtype	Limited Administration Type	get ladtype
get ladvid	Vlan ID which can control device	get ladvid
get ladippool	Start IP of Limited Administration IP pool	get ladippool
Set Command:	**Function**	**Syntax**
set ladtype	Limited Administration Type	set ladtype
set ladvid	Vlan ID which can control device	set ladvid
set ladippool-add	Start IP of Limited Administration IP pool	set ladippool-add
set ladippool-del	Del IP of Limited Administration IP pool	set ladippool-del
System Name Settings		
Get Command:	**Function**	**Syntax**
get systemname	Get System Name	get systemname
get location	Get Location string	get location
Set Command:	**Function**	**Syntax**
set systemname	Set System Name	set systemname
set location	Set Location Data	set location
Login Settings		
Set Command:	**Function**	**Syntax**
set username	Set login username (size:1--64)	set username
set password	Set login password (size:1--64)	set password

SNMP Settings		
Command:	**Function**	**Syntax**
snmp addcomm	Add Communication String	snmp addcomm
snmp addgroup	Add User Group	snmp addgroup
snmp addhost	Add Host To Notify List	snmp addhost
snmp adduser	Add User To SNMP Agent	snmp adduser
snmp addview	Add User View	snmp addview
snmp delcomm	Delete Communication String	snmp delcomm
snmp delgroup	Delete User Group	snmp delgroup
snmp delhost	Delete Host From Notify List	snmp delhost
snmp deluser	Delete User From SNMP Agent	snmp deluser
snmp delview	Delete User View	snmp delview
snmp editpubliccomm	Edit Communication String	snmp editpubliccomm
snmp editprivatecomm	Edit Communication String	snmp editprivatecomm
snmp resume	Resume SNMP Agent	snmp resume
snmp settrap	Set Trap status	snmp settrap
snmp showcomm	Show Communication String	snmp showcomm
snmp showgroup	Show User Group	snmp showgroup
snmp showhost	Show Host In Notify List	snmp showhost
snmp showtrap	Show Trap status	snmp showtrap
snmp showtrapServerIp	Show Trap Server Ipaddress	Snmp showtrapserverip
snmp showtrapVersion	Show Trap Version	snmp showtrapVersion
snmp showuser	Show User In SNMP Agent	snmp showuser
snmp showview	Show User View	snmp showview
snmp status	Display SNMP Agent status	snmp status
snmp suspend	Suspend SNMP Agent	snmp suspend
snmp settrapServerIp	Set Trap Server Ipaddress	snmp settrapServerIp

snmp settrapVersion	Set Trap Version	snmp settrapVersion

16

FIRST-TIME CONFIGURATION EXAMPLES

The following AP configuration examples are provided to help first-time users get started. The user commands are in bold for easy reference.
Many users will want to set a new IP address for the DAP-2695. This will also require setting an IP mask and a Gateway IP address. The following is an example in which the AP's default IP address of 192.168.0.50 is changed to 192.168.0.55.

```
WAP -> set ipaddr 192.168.0.55
WAP -> set ipmask 255.255.255.0
WAP -> set gateway 192.168.0.254
WAP -> set channel 6
WAP -> set ssid DAP-2695
```

Once the user has determined what type of authentication is best for their wireless network, follow the appropriate instructions below.
The following is an example in which authentication is set to Open System.

```
WAP -> set authentication open-system
```

The following is an example in which the authentication is set to Shared-Key.

```
WAP -> set authentication shared-key
WAP -> set keyentrymethod asciitext 1
WAP -> set keylength 64Bit 1
WAP -> set key 1 12345
WAP -> set defkeyindex 1
```

The following is an example in which the authentication is set to WPA-PSK.

```
WAP -> set authentication wpa-psk
WAP -> set cipher auto
WAP -> set passphrase 12345678
```

Once the user has set up the AP to their satisfaction, the device must be rebooted to save settings.

```
WAP -> reboot
```