

Accel Elite™ Configuration & Operation Setting

CLI Command Instruction

(Advanced Level)

CLI Command Instruction

Command Types and Format

Show Information Command

Set Configuration Command

Coder Configuration Command

Channel Configuration Command

H.323 Configurations & Settings

Command Types and Format

1. Network Configuration Command

net reset

net show [Option]

net set [Para./Dest.][Option/Switch/Var.]

2. Show Configuration Command

show [Dest./Option][Num.]

3. Set Configuration Command

set [Para./Dest.>][Num./Switch/Option/Var.]

[Num./Switch/Option/Var.]

4. Parameter Effective and Store Command

config activate

config store

Show Information Command

show version

show coding [prof_id]

show port [port]

show h323

show tone <dial/busy/congest/disconnect>

show cp_tone_det <dial/busy/congest/disconnect >

<disc1/disc2/disc3/disc4/disc5 >

show cp_tone_det_cfg [on_frac/thresh/ho_time/lo_time/hi_freq]

net reset

net show

net show hwstat

Show Information Command

show version

Console>show version

Internet Telephony Gateway (ACC) Version: 3.23

Boot Loader Version: 4.13

RTOS Version: 2.5.0/BE

H.323 Stack Version: 3.0.9.0

DSP image Version: 8.1.2.1.

TSG Version: R8.0 Gateway (Build 4)

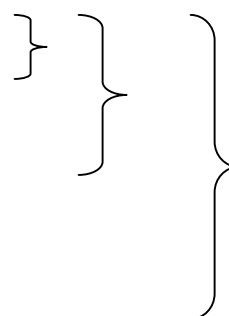
show coding [prof_id]

<u>Coding</u>	<u>Profile ID</u>
g723_63	0
g729ab	1
g723_53	2
g711_Mu	3
Fax_T.30	4
Fax_T.38	5
g726_16	9
Cisco_T.38	10

Show Information Command

show port **[port no.]**

Port No.	Back plane port sequence
0	1 st . port
1	2 nd . port
2	3 rd . port
3	4 th . port
.	.
.	.
7	8 th . port



show sip

```
SIP Addr Configuration:  
  UDP ctl addr   = 192.168.0.2/5060  
  RTP data addr  = 192.168.0.2/2070
```

```
Domain name server = 0.0.0.0  
Info switch is off  
nat_call is off  
auto_reg is off  
outboundproxy : None
```

Show Information Command

show tone

<dial/busy/congest/disconnect>

Dial-Tone

num_freq	freq1	amp1	freq2	amp2	freq3	amp3	freq4	amp4	duration
2	350	-130	440	-130	0	0	0	0	-1

Busy-Tone

2	480	-240	620	-240	0	0	0	0	500
0	0	0	0	0	0	0	0	0	500

Congestion-Tone

2	480	-240	620	-240	0	0	0	0	250
0	0	0	0	0	0	0	0	0	250

Disconnect-Tone

2	480	-240	620	-240	0	0	0	0	250
0	0	0	0	0	0	0	0	0	250
2	480	-240	620	-240	0	0	0	0	250
0	0	0	0	0	0	0	0	0	-1

Number of on/off cadence elements: 2 for Busy-Tone

	min. duration	max. duration
Cadence ON for	450	550
Cadence OFF for	450	550

Repeat for 5 times.

show cp_tone_det

<dial/busy/congest/disconnect >

<disc1/disc2/disc3/disc4/disc5 >

Number of on/off cadence elements: 2 for Congestion-Tone

	min. duration	max. duration
Cadence ON for	234	286
Cadence OFF for	216	264

Repeat for 5 times.

Number of on/off cadence elements: 2 for Disconnect-Tone

	min. duration	max. duration
Cadence ON for	270	330
Cadence OFF for	270	330

Repeat for 5 times.

Show Information Command

show cp_tone_det_cfg

[on_frac/thresh/ho_time/lo_time/hi_freq]

Console>show cp_tone_det_cfg

CP tone detection filter config

	on_frac	thresh	ho_time	lo_freq	hi_freq
Default	50 %	-35 dBm	200 ms	180 Hz	620 Hz
Alternate	50 %	-37 dBm	200 ms	300 Hz	550 Hz

Console>

net reset

Console>net reset

```
===== WARNING =====
* Restarting the system will hang up all telephone connections *
* and all the configuration settings will lose. *
* Be certain all the configuration settings have been saved. *
=====
Do you want to restart the system now (y/n)? [n] y
```

```
Boot loader V4.10
Mem 16b 4M
Testing memory 4M.....
Loading application code.....
.....
```


Show Information Command

net show

```
Console>net show
***** Net Parameters *****
Configured IP address = 172.16.3.33.
Configured IP subnet mask = 255.255.0.0.
Default gateway IP address = 0.0.0.0.
Current active IP address = 172.16.3.33.
Current active subnet mask = 255.255.0.0.
IP precedence = 0 0 0 0
Ethernet MAC address = 00-50-2d-00-19-4e
Ethernet speed setting = 10/100 Mbps auto-negotiation
HTTP server = enabled
Telnet server = enabled
```

net show hwstat

```
Console>net show hwstat

***** Hardware Configuration *****
Flash: type-Am29LV160DB 32 sectors 64 KB/sector
RAM: 8 MB 256K x 16
LAN: 100 Mbps half duplex. Link UP
TIM slot A: type-FXO2S2 DSP-C549 codec-PEB2466 Diag-OK
*****
```

Set Configuration Command

set tone [dial/busy/congest/disconnect]

set cp_tone_det [dial/busy/congest/disconnect/disk1..disk5]

set cp_tone_det_cfg [on_frac/thresh/ho_time/lo_time/hi_freq]

set tone <dial/busy/congest/disconnect>

```
Console>set tone disconnect
```

```
How many sets of tone do you want the whole tone to be? (1~6)
```

```
2
```

```
Please enter set 1 parameters in the following order:
```

```
num_freq freq1 amp1 freq2 amp2 freq3 amp3 freq4 amp4 duration (-1: forever)
```

```
2 480 -240 620 -240 0 0 0 0 500
```

```
Please enter set 2 parameters in the following order:
```

```
num_freq freq1 amp1 freq2 amp2 freq3 amp3 freq4 amp4 duration (-1: forever)
```

```
0 0 0 0 0 0 0 0 0 500
```

```
OK
```

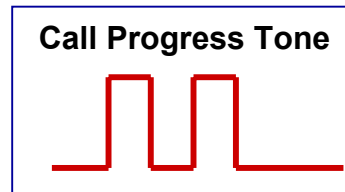
Set Configuration Command

```
Console>set cp_tone_det busy
How many sets of elements do you want the whole CP tone to be detected? (1~8)
2
Please enter set 1 parameters in the following order:
on/off min.-duration max.-duration
on 450 550
Please enter set 2 parameters in the following order:
on/off min.-duration max.-duration
off 450 550
Please enter the repeat count now (1~10):
2
OK
```

set cp_tone_det

<dial/busy/congest/disconnect >
<disc1/disc2/disc3/disc4/disc5 >

Define the CP tone cadence



Define the CP tone frequency

```
Console>set cp_tone_det_cfg
```

Setting filter configuration for CP tone detection:

```
set cp_tone_det_cfg on_frac [thresh] [ho_time] [lo_freq] [hi_freq]
```

on_frac: tone on fraction <5 to 90 %>

thresh: threshold <-35 to -20 dBm>

ho_time: hangover time <5 to 32767 ms>

lo_freq: low cutoff frequency <150 to 500 Hz>

hi_freq: high cutoff frequency <600 to 1200 Hz>

set cp_tone_det_cfg

[on_frac/thresh/ho_time/lo_freq/hi_freq]

```
Console>set cp_tone_det_cfg 50 -35 200 180 620
```

Coder Configuration command

Major Coding Command

```
set coding [prof_id] usage          <voice|fax >
set coding [prof_id] cp_tone_detect <on|off>
set coding [prof_id] vif            [value in bits]
set coding [prof_id] vad            <on|off >
set coding [prof_id] dtmf_relay     <on|off >
set coding [prof_id] fax_tone_detect <on|off >
set coding [prof_id] copyof         [prof_id]
```

Coder Configuration command

set coding [prof_id] usage <voice|fax >

Configuration for coding profile id 0:

Tx Coding = G723 6.3 kbps

Rx Coding = G723 6.3 kbps

Coding profile for voice

Configuration for coding profile id 5:

Tx Coding = T.38 FAX

Rx Coding = T.38 FAX

Coding profile for fax

set coding [prof_id] cp_tone_detect <on|off>

CP Tone → **Call Progress Tone**

Dial

Busy

Congest

Disconnect

On = Enable

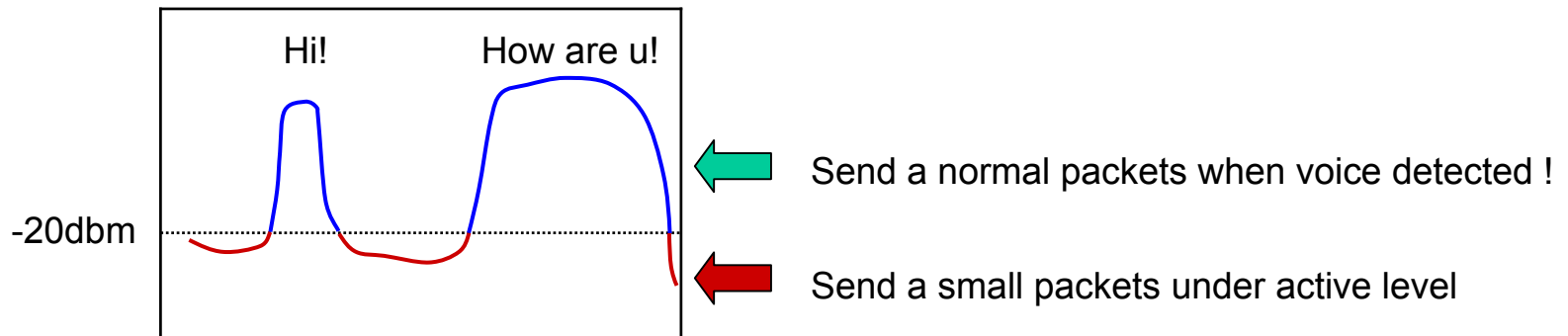
Off = Disable

Coder Configuration command

set coding [prof_id] vif [value in bits]

VIF size in bits	G723	G729
160		20ms
192	30ms	
240		30ms
320		40ms
384	60ms	
400		50ms
480		60ms

set coding [prof_id] vad <on|off >



Coder Configuration command

set coding [prof_id] dtmf_relay <on|off >

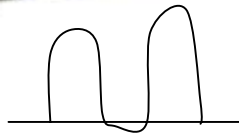


011001100



TCP

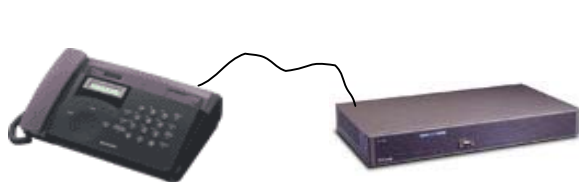
DTMF relay off



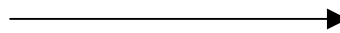
UDP

DTMF relay on

set coding [prof_id] fax_tone_detect <on|off >



Dialing



Handshaking



Handshake tone detection

Coder Configuration command

set coding [prof_id] copyof [prof_id]

Coding profile 0

```
Codec= G.723.1
VIF=192
VAD=Enable
:
```

Coding profile 0

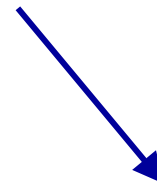
```
Codec= G.723.1
VIF=192
VAD=Enable
:
```

set coding 1 copyof 0



Coding profile 1

```
Codec= G.723.1
VIF=192
VAD=Enable
:
```



Channel Configuration Command

TCID/Port Command

Port Mode

set port [n] voice_prof [prof_id]
set port [n] fax_prof [prof_id]
set port [n] prof_bit [prof_id | all] <0 | 1>

Telephony Interface

set port [n] txgain <-14 ~ 14>
set port [n] rxgain <-14 ~ 14>
set port [n] cp_tone_det_ctrl <0|1|2>,[dis,en,pf]

Channel Configuration Command

set port [n] voice_prof [prof_id]

 ➔ Default Voice coding profile

Prof. ID	0	1	2	3	4	5	6	7	8	9	10
Codec	G.723 6.3K	G.729 AB	G.723 5.3K	G.711 Mdm	T.30 FAX	T.38 FAX	G.711 MU	G.711 MU	G.711 MU	G.726	T.38 Cisco

 ➔ Default FAX coding profile

set port [n] fax_prof [prof_id]

Channel Configuration Command

set port [n] prof_bit [prof_id | all] <0 | 1>

0= Disable

1= Enable

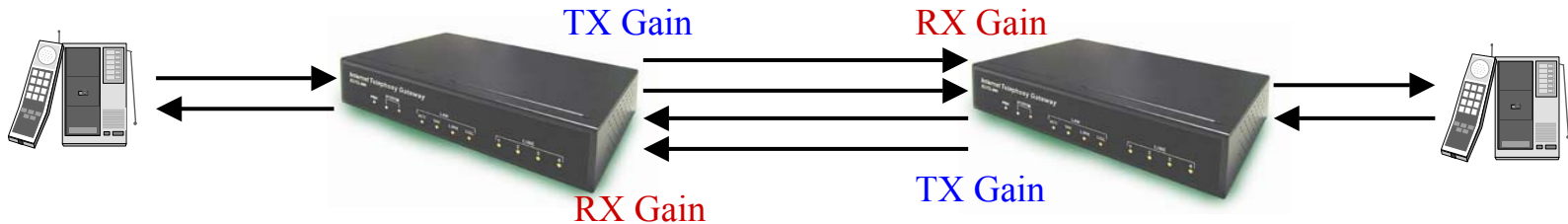
For example : set port all prof_bit all 0



Prof. ID	0	1	2	3	4	5	6	7	8	9	10
Codec	G.723 6.3K	G.729 AB	G.723 5.3K	G.711 Mdn	T.30 FAX	T.38 FAX	G.711 MU	G.711 MU	G.711 MU	G.726	T.38 Cisco

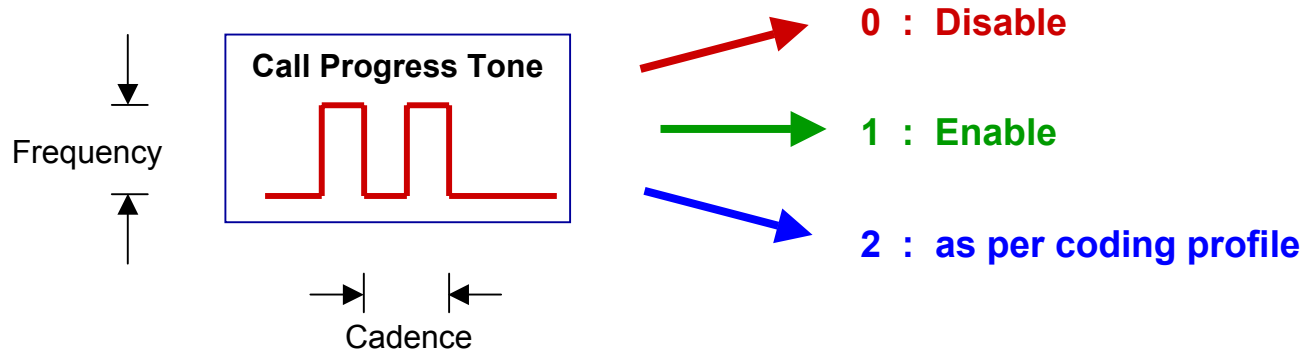
set port [n] txgain <-14 ~ 14>

set port [n] rxgain <-14 ~ 14>



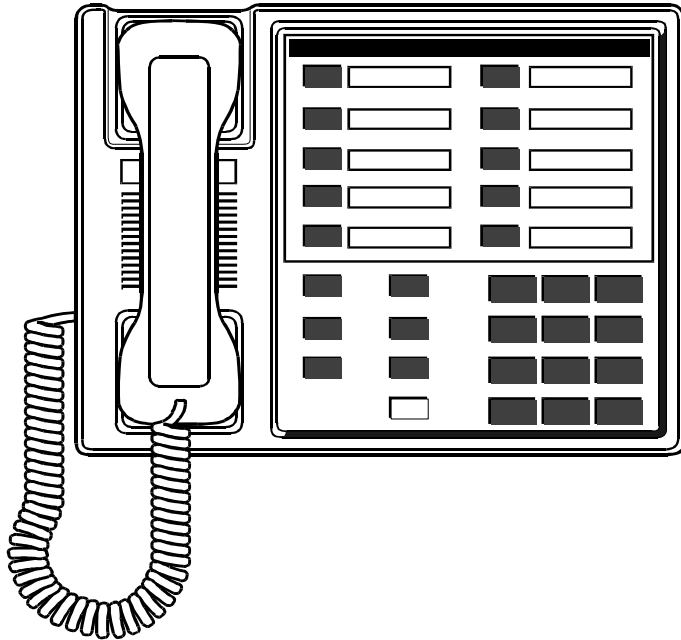
Channel Configuration Command

set port [n] cp_tone_det_ctrl <0|1|2>,[dis,en,pf]



Channel Configuration Command

set port [n] cid name <cid name:1-10 char.>



set port [n] cid number <cid number:1-15 digits>

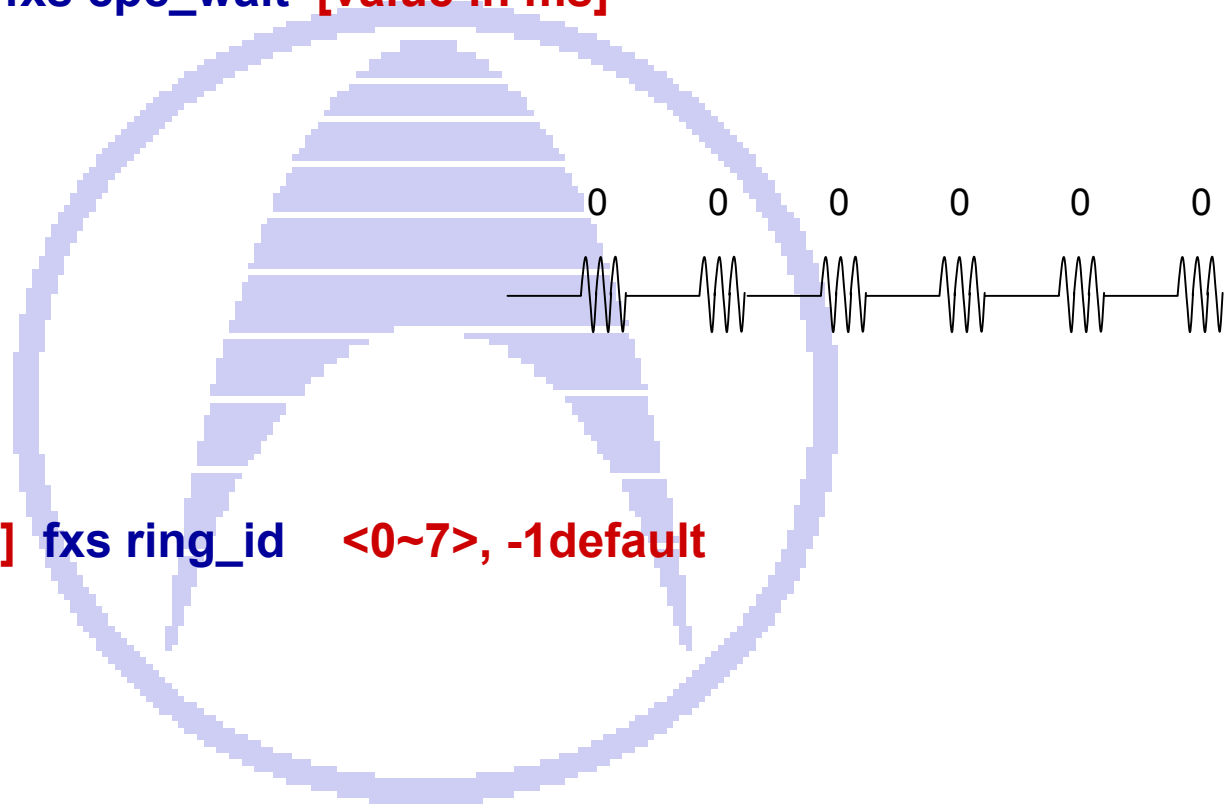
Channel Configuration Command

FXO Loop Start Parameters

set port [n] fxo ringing_db	[value in ms]
set port [n] fxo ringing_inter_pulse	[value in ms]
set port [n] fxo ringing_inter_cycle	[value in ms]
set port [n] fxo loop_det_db	[value in ms]
set port [n] fxo batt_rev_times	[numeric value]
set port [n] fxo cpc_det	[value in ms]
set port [n] fxo guard_out	[value in ms]
set port [n] fxo answer_after	[no. of ring]
set port [n] fxo caller_id	<on off>

Channel Configuration Command

set port [n] fxs cpc_wait [value in ms]



set port [n] fxs ring_id <0~7>, -1default

