

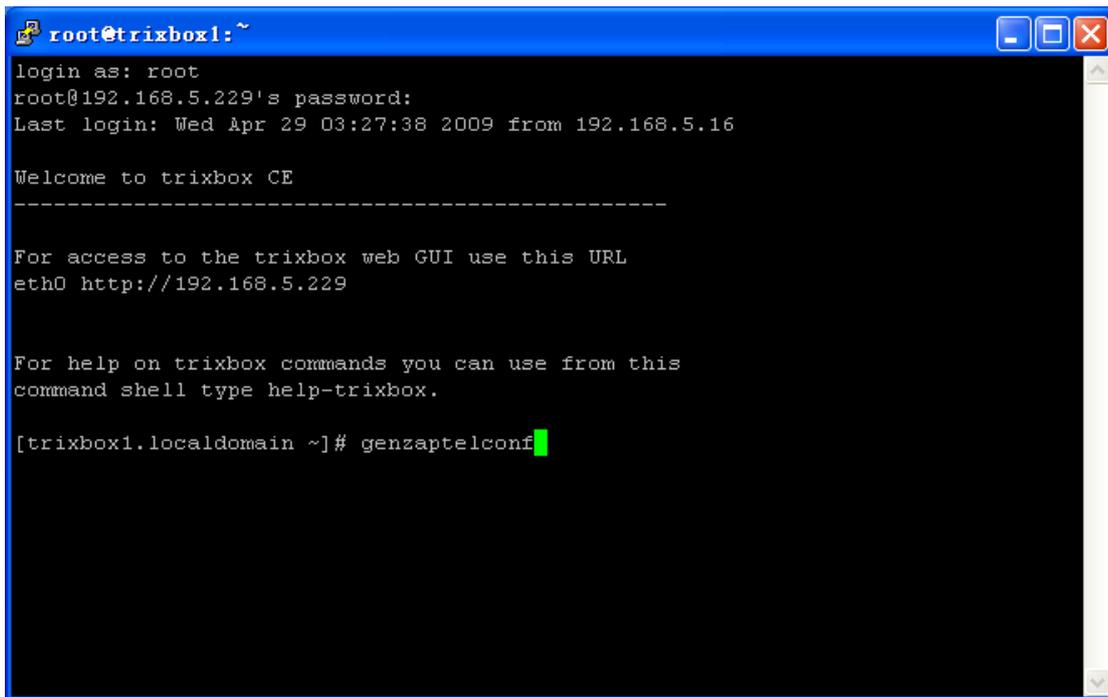
## Usage of YE110

Please make sure you have installed YE110 voice card on IPPBX before using it.

Start application:

1、Executive genzaptelconfig command

**[trixbox1.localdomain ~]# genzaptelconfig**



```
root@trixbox1:~
login as: root
root@192.168.5.229's password:
Last login: Wed Apr 29 03:27:38 2009 from 192.168.5.16

Welcome to trixbox CE
-----

For access to the trixbox web GUI use this URL
eth0 http://192.168.5.229

For help on trixbox commands you can use from this
command shell type help-trixbox.

[trixbox1.localdomain ~]# genzaptelconf
```

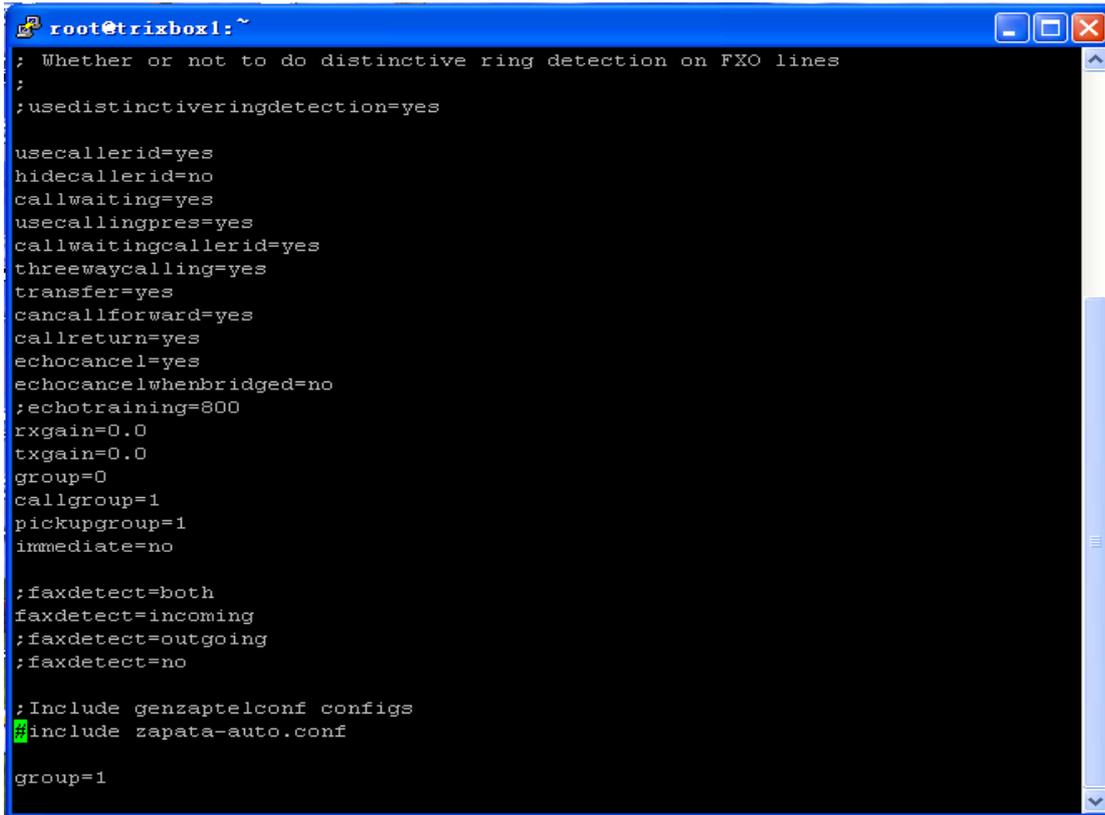
Figure 1

2、Check it generates correct configuration file

**[trixbox1.localdomain ~]# vi /etc/asterisk/zapata-auto.conf**

Figure 2 is the picture of correct configuration file





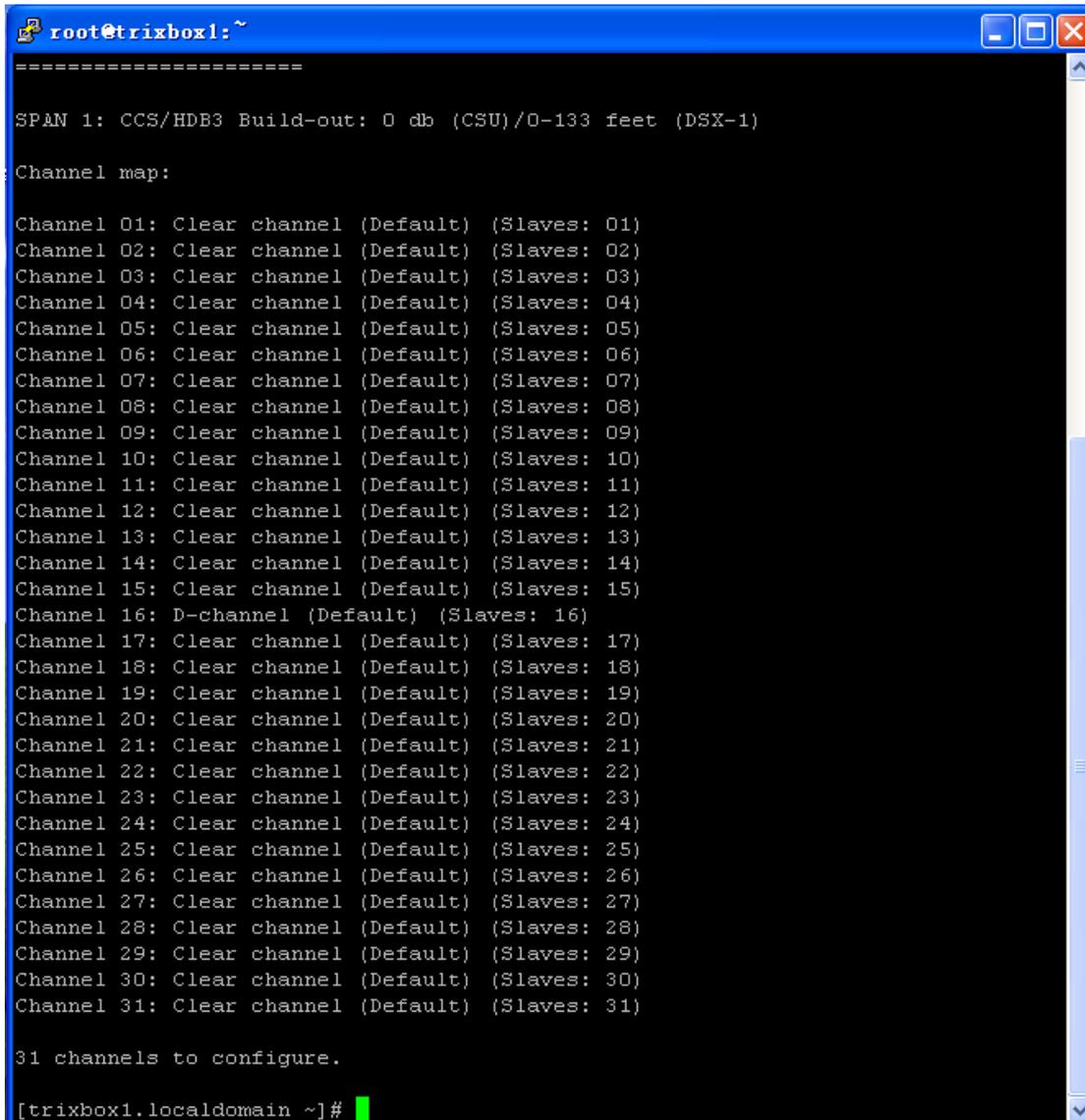
```
root@trixbox1:~  
; Whether or not to do distinctive ring detection on FXO lines  
;  
;usedistinctiveringdetection=yes  
  
usecallerid=yes  
hidecallerid=no  
callwaiting=yes  
usecallingpres=yes  
callwaitingcallerid=yes  
threewaycalling=yes  
transfer=yes  
cancallforward=yes  
callreturn=yes  
echocancel=yes  
echocancelwhenbridged=no  
;echotraining=800  
rxgain=0.0  
txgain=0.0  
group=0  
callgroup=1  
pickupgroup=1  
immediate=no  
  
;faxdetect=both  
faxdetect=incoming  
;faxdetect=outgoing  
;faxdetect=no  
  
;Include genzaptelconf configs  
#include zapata-auto.conf  
  
group=1
```

Figure 3

Figure 3 shows the correct configuration file that includes Zapata-auto.conf, i.e. #include = zapata-auto.conf

4. Make configuration to take effect

```
[trixbox1.localdomain ~]# ztcfg -vv
```



```
root@trixbox1: ~
=====
SPAN 1: CCS/HDB3 Build-out: 0 db (CSU)/0-133 feet (DSX-1)
Channel map:

Channel 01: Clear channel (Default) (Slaves: 01)
Channel 02: Clear channel (Default) (Slaves: 02)
Channel 03: Clear channel (Default) (Slaves: 03)
Channel 04: Clear channel (Default) (Slaves: 04)
Channel 05: Clear channel (Default) (Slaves: 05)
Channel 06: Clear channel (Default) (Slaves: 06)
Channel 07: Clear channel (Default) (Slaves: 07)
Channel 08: Clear channel (Default) (Slaves: 08)
Channel 09: Clear channel (Default) (Slaves: 09)
Channel 10: Clear channel (Default) (Slaves: 10)
Channel 11: Clear channel (Default) (Slaves: 11)
Channel 12: Clear channel (Default) (Slaves: 12)
Channel 13: Clear channel (Default) (Slaves: 13)
Channel 14: Clear channel (Default) (Slaves: 14)
Channel 15: Clear channel (Default) (Slaves: 15)
Channel 16: D-channel (Default) (Slaves: 16)
Channel 17: Clear channel (Default) (Slaves: 17)
Channel 18: Clear channel (Default) (Slaves: 18)
Channel 19: Clear channel (Default) (Slaves: 19)
Channel 20: Clear channel (Default) (Slaves: 20)
Channel 21: Clear channel (Default) (Slaves: 21)
Channel 22: Clear channel (Default) (Slaves: 22)
Channel 23: Clear channel (Default) (Slaves: 23)
Channel 24: Clear channel (Default) (Slaves: 24)
Channel 25: Clear channel (Default) (Slaves: 25)
Channel 26: Clear channel (Default) (Slaves: 26)
Channel 27: Clear channel (Default) (Slaves: 27)
Channel 28: Clear channel (Default) (Slaves: 28)
Channel 29: Clear channel (Default) (Slaves: 29)
Channel 30: Clear channel (Default) (Slaves: 30)
Channel 31: Clear channel (Default) (Slaves: 31)

31 channels to configure.

[trixbox1.localdomain ~]#
```

Figure 4

5. Check the configuration takes effect properly

Restart Asterisk, and then run 'zap show channels' on cli interface in Asterisk.

```
[trixbox1.localdomain ~]# asterisk -vvvrrr
trixbox1*CLI > zap show channels
```

```
root@trixbox1:~  
License version 2 and other licenses; you are welcome to redistribute it under  
certain conditions. Type 'core show license' for details.  
=====  
== Parsing '/etc/asterisk/asterisk.conf': Found  
Connected to Asterisk 1.4.21.2-2 RPM by vc-rpms@voipconsulting.nl currently runn  
ing on trixbox1 (pid = 2337)  
Verbosity was 3 and is now 4  
trixbox1*CLI> zap show channels  
  Chan Extension  Context          Language  MOH Interpret  
pseudo  
  1             from-zaptel      en         default  
  2             from-zaptel      en         default  
  3             from-zaptel      en         default  
  4             from-zaptel      en         default  
  5             from-zaptel      en         default  
  6             from-zaptel      en         default  
  7             from-zaptel      en         default  
  8             from-zaptel      en         default  
  9             from-zaptel      en         default  
 10            from-zaptel      en         default  
 11            from-zaptel      en         default  
 12            from-zaptel      en         default  
 13            from-zaptel      en         default  
 14            from-zaptel      en         default  
 15            from-zaptel      en         default  
 17            from-zaptel      en         default  
 18            from-zaptel      en         default  
 19            from-zaptel      en         default  
 20            from-zaptel      en         default  
 21            from-zaptel      en         default  
 22            from-zaptel      en         default  
 23            from-zaptel      en         default  
 24            from-zaptel      en         default  
 25            from-zaptel      en         default  
 26            from-zaptel      en         default  
 27            from-zaptel      en         default  
 28            from-zaptel      en         default  
 29            from-zaptel      en         default  
 30            from-zaptel      en         default  
 31            from-zaptel      en         default  
trixbox1*CLI>
```

Figure 5

Figure 5 shows the configuration of YE110 card already takes effect.