

1. Please confirm you have been successfully installed hardware - TDM800 Analog Interface Card

According to <TDM800 Hardware Install Guide>

2. Please confirm you have been successfully installed TDM800 Windows Driver – you should found the LEDs of TDM800 be lighted.

According to <TDM800 Driver Install Guide on Windows>

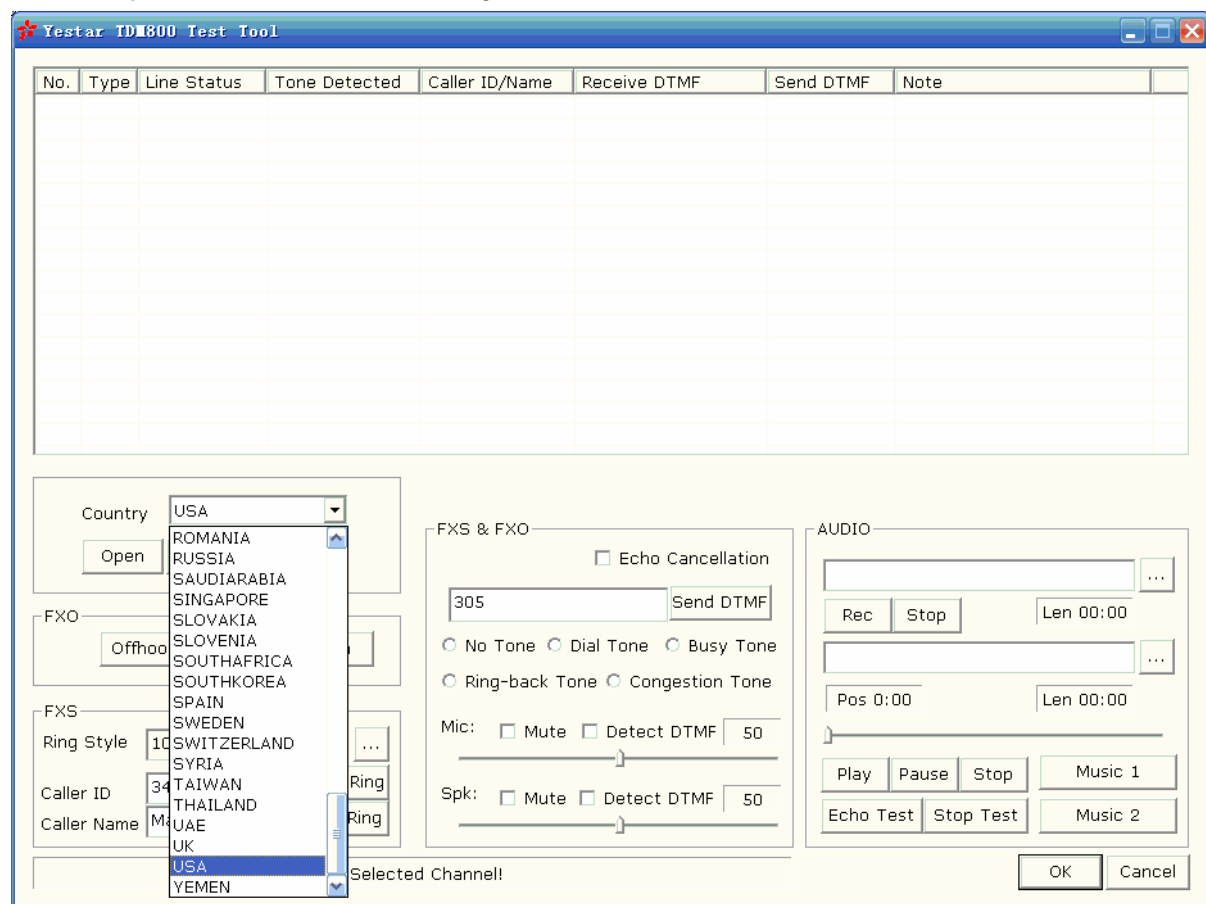
3. Download Test Tool from <http://www.yeastar.com/download/testtool.rar>

4. Extract testtool.rar to C:\, you will find a new directory C:\TDM800Tool\

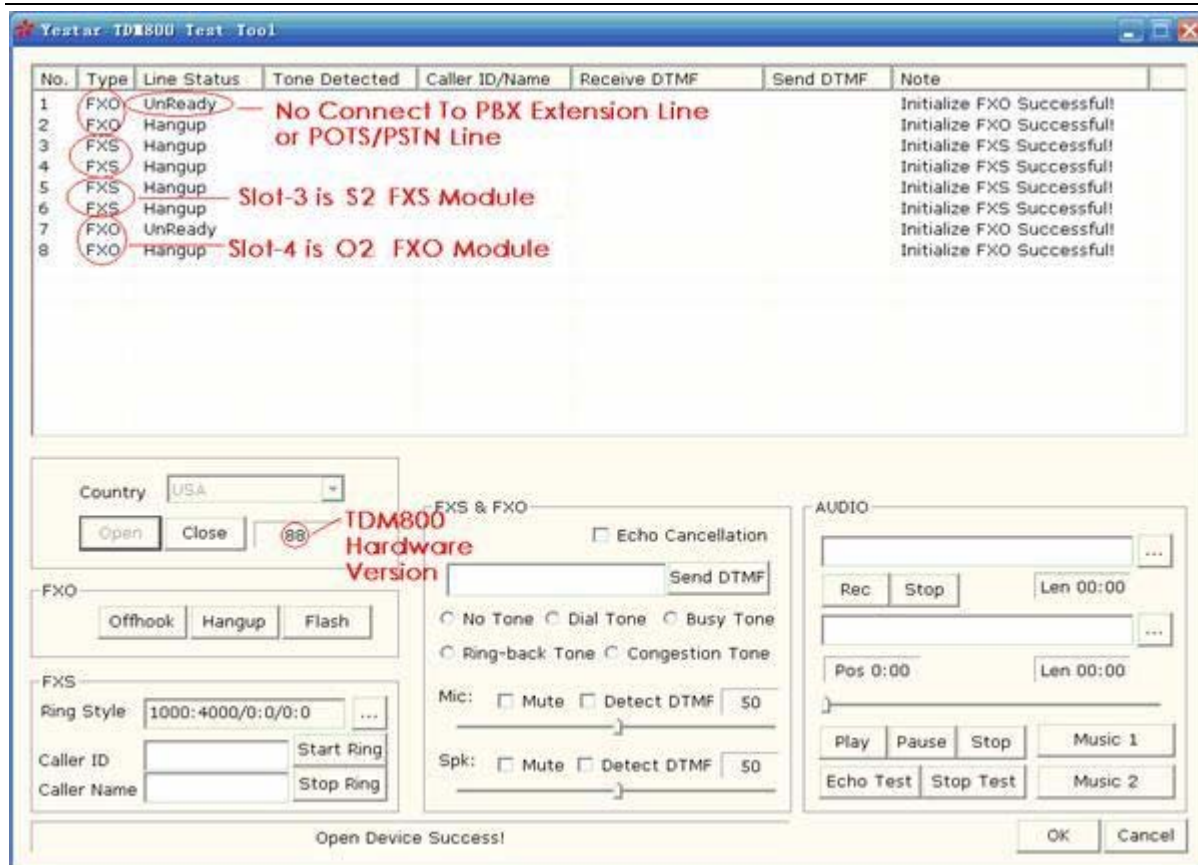
5. Run C:\TDM800Tool\TestTool.exe to start test.

Step 1: Open & Close Device

Before open device, select country for Local Telecom Network

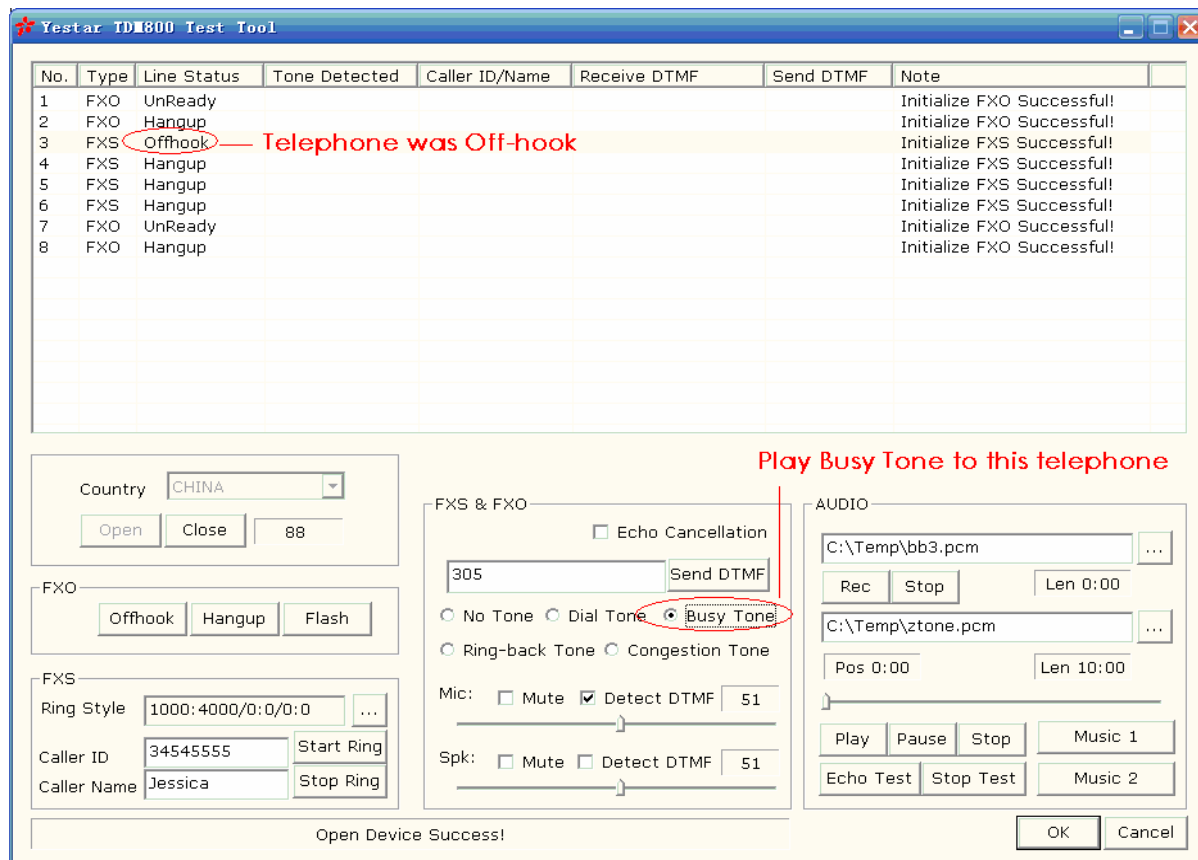


Then open device, you can find the hardware version and modules list. If you want to select another country, close device, then select country and re-open.

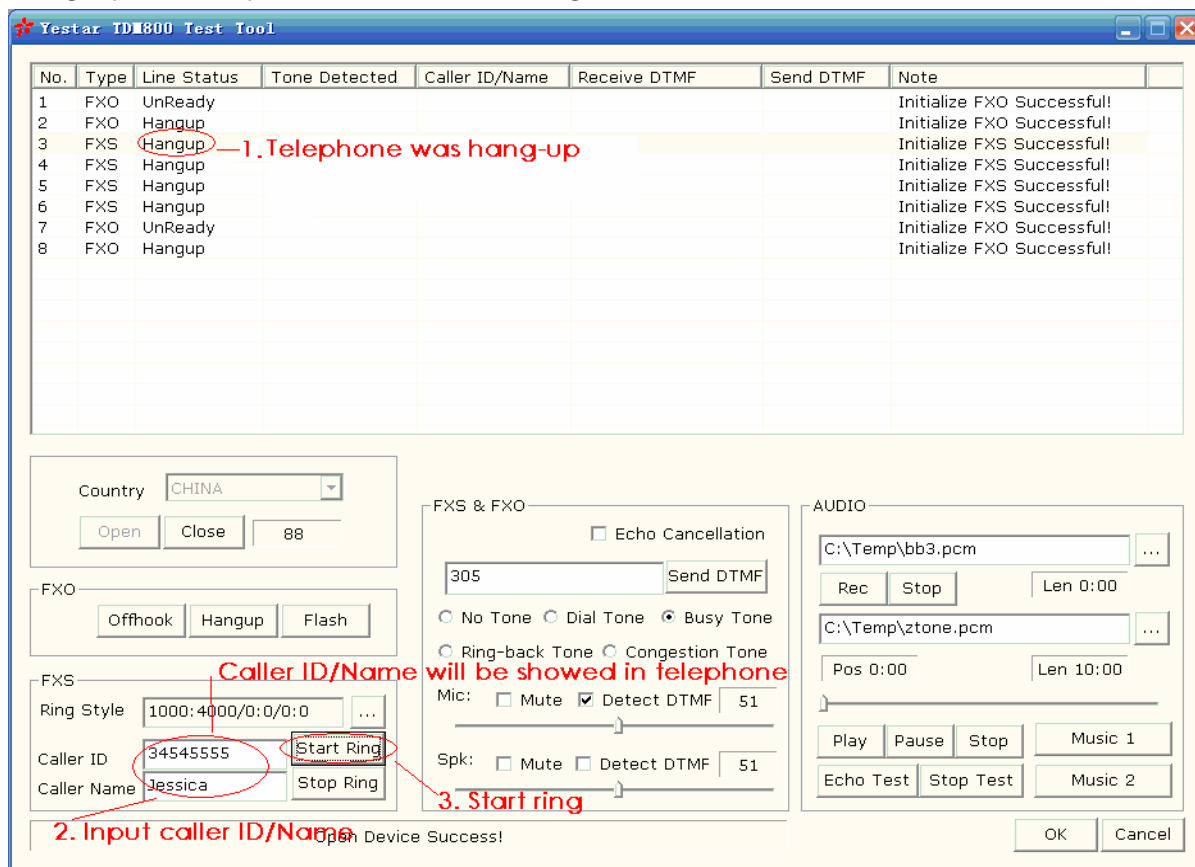


Step 2: Test FXS Port Functions

Connect a FXS port to a normal telephone, Off-hook the telephone

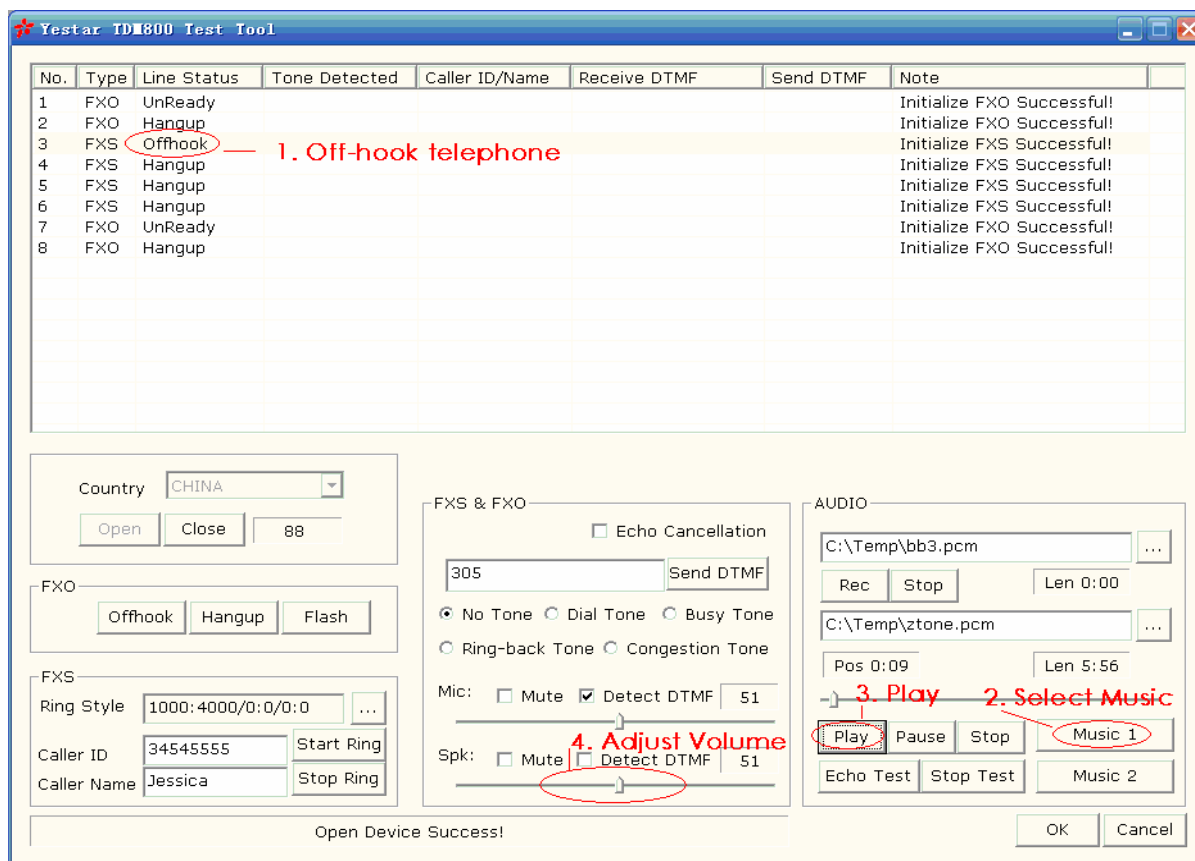


Hang-up the telephone, Click "Start Ring", test caller ID show

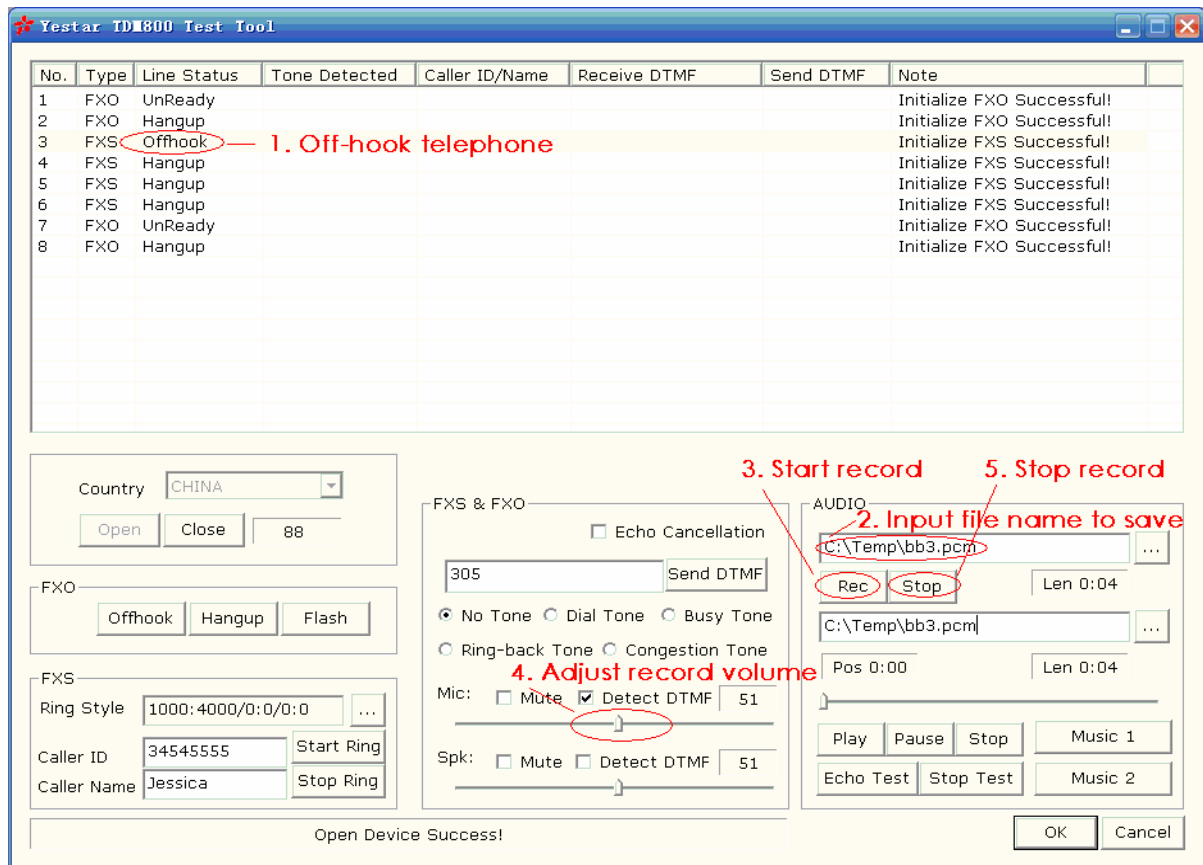


Step 3: Test FXS Port Voice Quality

Play Music



Record voice to a file



Yeastar TDM800 Test Tool

No.	Type	Line Status	Tone Detected	Caller ID/Name	Receive DTMF	Send DTMF	Note
1	FXO	UnReady					Initialize FXO Successful!
2	FXO	Hangup					Initialize FXO Successful!
3	FXS	Offhook					Initialize FXS Successful!
4	FXS	Hangup					Initialize FXS Successful!
5	FXS	Hangup					Initialize FXS Successful!
6	FXS	Hangup					Initialize FXS Successful!
7	FXO	UnReady					Initialize FXO Successful!
8	FXO	Hangup					Initialize FXO Successful!

Country: CHINA [Open] [Close] 88

FXO: [Offhook] [Hangup] [Flash]

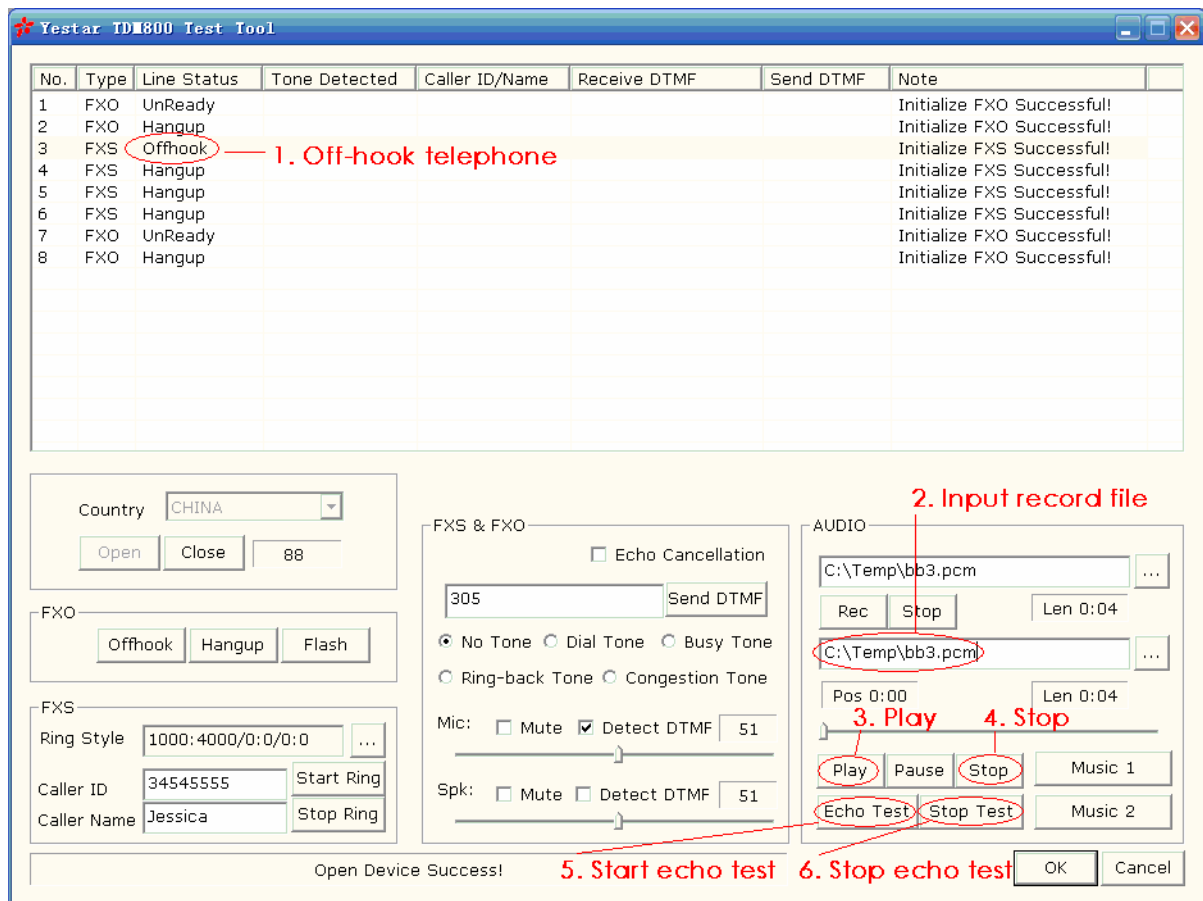
FXS: Ring Style: 1000:4000/0:0/0:0 [Start Ring] [Stop Ring]
 Caller ID: 34545555
 Caller Name: Jessica

FXS & FXO: [305] [Send DTMF]
☐ Echo Cancellation
☒ No Tone ☐ Dial Tone ☐ Busy Tone
☐ Ring-back Tone ☐ Congestion Tone
 Mic: ☐ Mute ☒ Detect DTMF 51
 Spk: ☐ Mute ☐ Detect DTMF 51

AUDIO: [C:\Temp\bb3.pcm] [Rec] [Stop] Len 0:04
 [C:\Temp\bb3.pcm] Pos 0:00 Len 0:04
 [Play] [Pause] [Stop] [Music 1]
 [Echo Test] [Stop Test] [Music 2]

Open Device Success! [OK] [Cancel]

Play record file, and echo (hear your voice at the same time) test



Yeastar TDM800 Test Tool

No.	Type	Line Status	Tone Detected	Caller ID/Name	Receive DTMF	Send DTMF	Note
1	FXO	UnReady					Initialize FXO Successful!
2	FXO	Hangup					Initialize FXO Successful!
3	FXS	Offhook					Initialize FXS Successful!
4	FXS	Hangup					Initialize FXS Successful!
5	FXS	Hangup					Initialize FXS Successful!
6	FXS	Hangup					Initialize FXS Successful!
7	FXO	UnReady					Initialize FXO Successful!
8	FXO	Hangup					Initialize FXO Successful!

Country: CHINA [Open] [Close] 88

FXO: [Offhook] [Hangup] [Flash]

FXS: Ring Style: 1000:4000/0:0/0:0 [Start Ring] [Stop Ring]
 Caller ID: 34545555
 Caller Name: Jessica

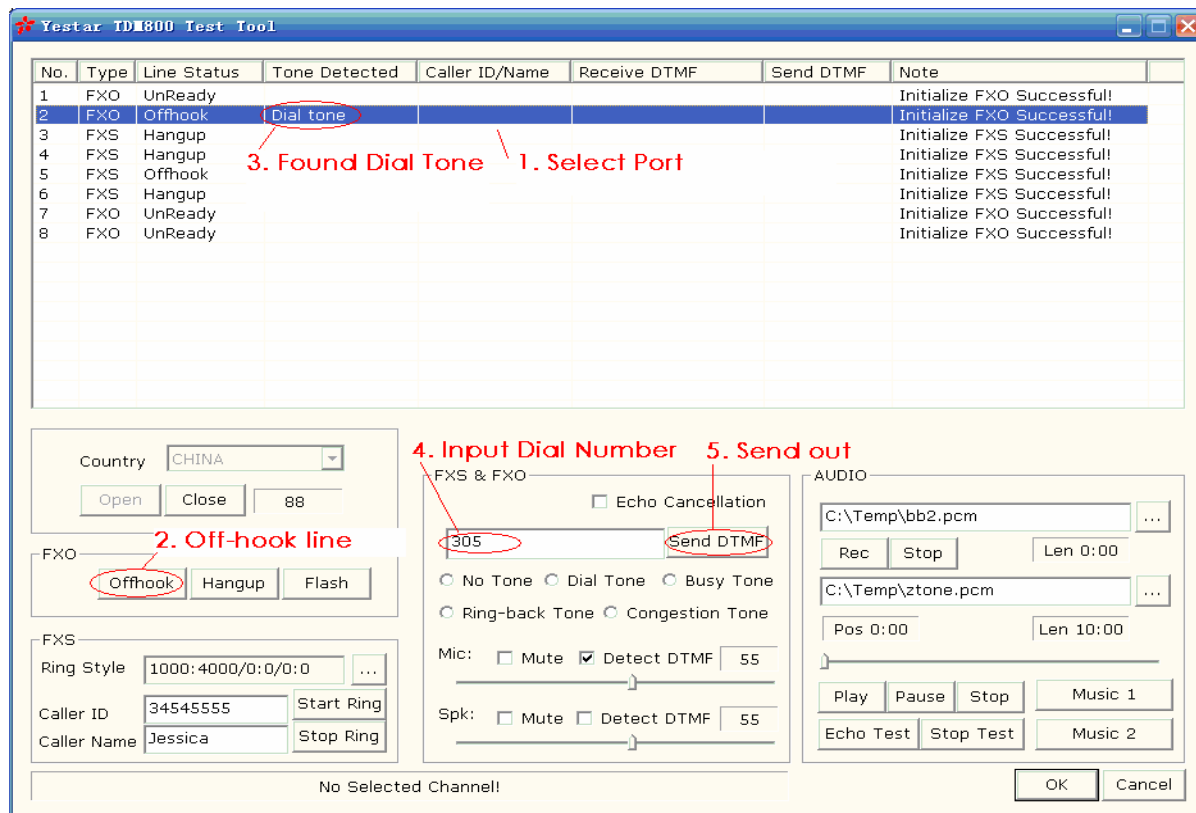
FXS & FXO: [305] [Send DTMF]
☐ Echo Cancellation
☒ No Tone ☐ Dial Tone ☐ Busy Tone
☐ Ring-back Tone ☐ Congestion Tone
 Mic: ☐ Mute ☒ Detect DTMF 51
 Spk: ☐ Mute ☐ Detect DTMF 51

AUDIO: [C:\Temp\bb3.pcm] [Rec] [Stop] Len 0:04
 [C:\Temp\bb3.pcm] Pos 0:00 Len 0:04
 [Play] [Pause] [Stop] [Music 1]
 [Echo Test] [Stop Test] [Music 2]

Open Device Success! [OK] [Cancel]

Step 4: Test FXO Port Functions

Connect a FXO port to POTS line, Off-hook this line, it should detect "Dial Tone", Send DTMF for dial number. Then the line be dialed should ring.



No.	Type	Line Status	Tone Detected	Caller ID/Name	Receive DTMF	Send DTMF	Note
1	FXO	UnReady					Initialize FXO Successful!
2	FXO	Offhook	Dial tone				Initialize FXO Successful!
3	FXS	Hangup					Initialize FXS Successful!
4	FXS	Hangup					Initialize FXS Successful!
5	FXS	Offhook					Initialize FXS Successful!
6	FXS	Hangup					Initialize FXS Successful!
7	FXO	UnReady					Initialize FXO Successful!
8	FXO	UnReady					Initialize FXO Successful!

Country: CHINA
Open Close 88

FXO: Offhook Hangup Flash

FXS: Ring Style 1000:4000/0:0/0:0 ...
Caller ID 34545555 Start Ring
Caller Name Jessica Stop Ring

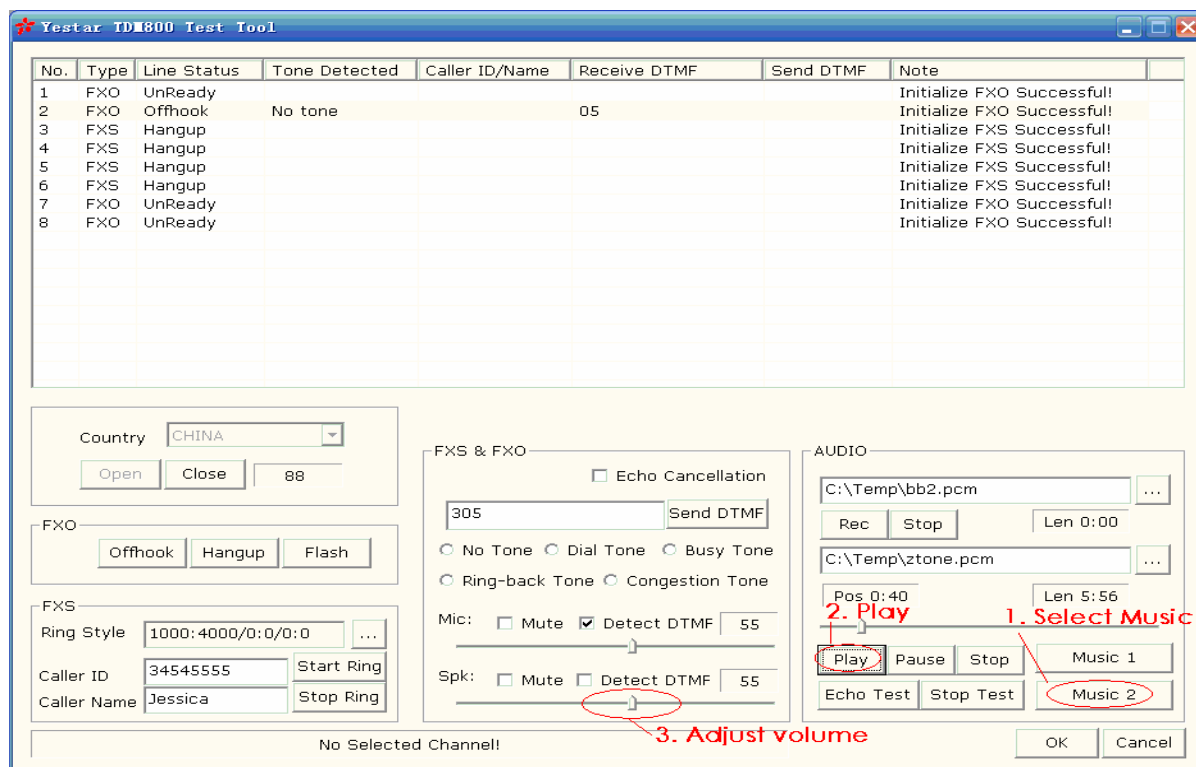
FXS & FXO: Send DTMF
☐ Echo Cancellation
☐ No Tone ☐ Dial Tone ☐ Busy Tone
☐ Ring-back Tone ☐ Congestion Tone
 Mic: ☐ Mute ☒ Detect DTMF 55
 Spk: ☐ Mute ☐ Detect DTMF 55

AUDIO: C:\Temp\bb2.pcm ... Len 0:00
C:\Temp\ztone.pcm ... Len 10:00
Pos 0:00
Play Pause Stop Music 1
Echo Test Stop Test Music 2

No Selected Channel! OK Cancel

Step5: Test FXO Port Voice Quality

Off-hook the telephone that be dialed, then you can play, record and echo test (same to FXS port)



No.	Type	Line Status	Tone Detected	Caller ID/Name	Receive DTMF	Send DTMF	Note
1	FXO	UnReady					Initialize FXO Successful!
2	FXO	Offhook	No tone		05		Initialize FXO Successful!
3	FXS	Hangup					Initialize FXS Successful!
4	FXS	Hangup					Initialize FXS Successful!
5	FXS	Hangup					Initialize FXS Successful!
6	FXS	Hangup					Initialize FXS Successful!
7	FXO	UnReady					Initialize FXO Successful!
8	FXO	UnReady					Initialize FXO Successful!

Country: CHINA
Open Close 88

FXO: Offhook Hangup Flash

FXS: Ring Style 1000:4000/0:0/0:0 ...
Caller ID 34545555 Start Ring
Caller Name Jessica Stop Ring

FXS & FXO: Send DTMF
☐ Echo Cancellation
☐ No Tone ☐ Dial Tone ☐ Busy Tone
☐ Ring-back Tone ☐ Congestion Tone
 Mic: ☐ Mute ☒ Detect DTMF 55
 Spk: ☐ Mute ☐ Detect DTMF 55

AUDIO: C:\Temp\bb2.pcm ... Len 0:00
C:\Temp\ztone.pcm ... Len 5:56
Pos 0:40
Play Pause Stop Music 1
Echo Test Stop Test Music 2

No Selected Channel! OK Cancel

TDM800 can install 4 modules S2 (FXS) or O2 (FXO), each one with 2 ports for connecting more analog telephones and it is also designed to be compatible with Digium's 1 port FXS module (S110P) and FXO module (X100P). so you can compare the quality with Digium's modules.

If you have any problem about it, please contact us through support@yeastar.com.