



How to detect the disconnect cadence(Busy Tone) of VOI-800x ?

Previously, LevelOne VOI-2000/4000/4001/8000 you can enter the console and detect the disconnect cadence (Busy Tone) of PSTN or PBX. The new VOI-800x series does not have console port, nor does it offer the function to detect. Therefore the remedy is to record the disconnect cadence with Voice mail function and analyze by the third party software. Then configure the appropriate disconnect cadence in VOI-800x.

1. Connect the FXO port of VOI-800x to the analogue internal line card of PBX or PSTN.
2. VoIP setup → Routing Setup → VoIP Call Out, input an area code for accessing the voice mail. Eg. 1*234, in destination input "rect".

VoIP Call Out

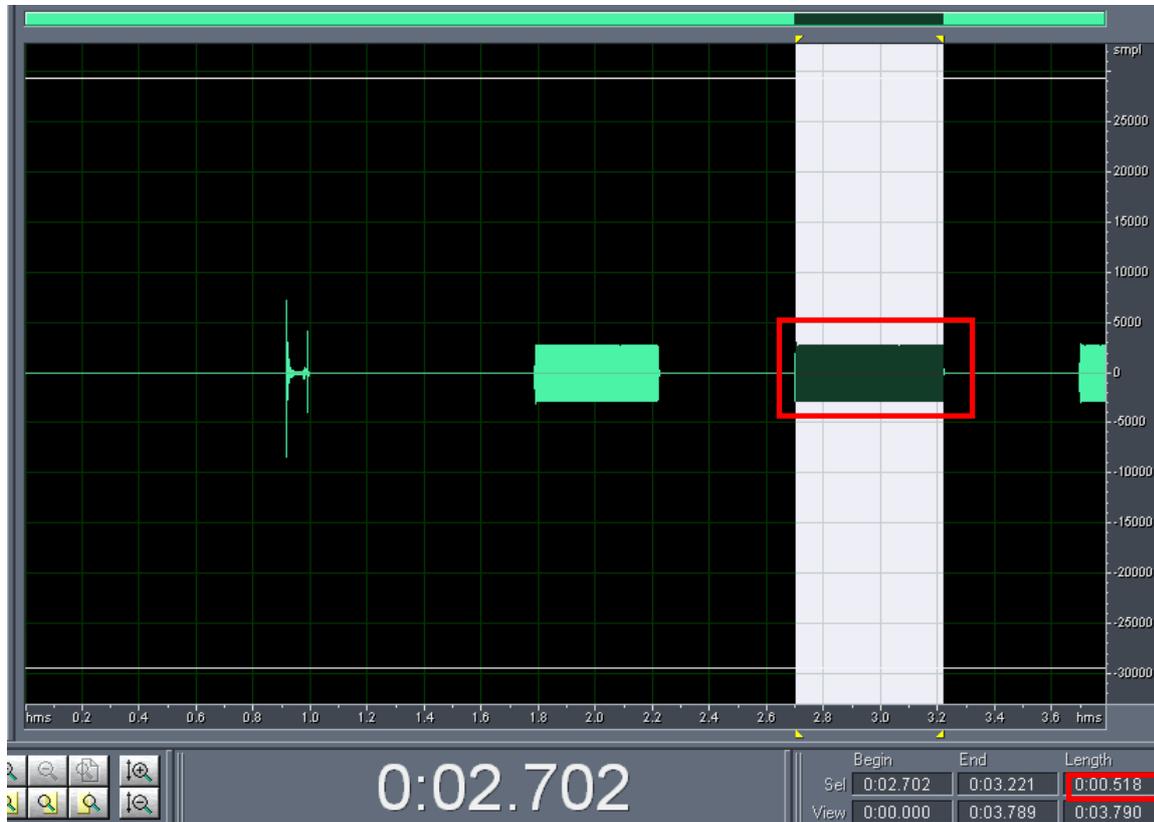
MaxDigits: FirstDigitTime(Sec): OtherDigitTime(Sec): Timeout for Re-entry route: second.

Index	Remark	Area Code	Min Digits	Max Digits	Destination	Strip	Prefix	Profile	Delete
1	錄音功能鍵	1*234	4	4	rect				Delete

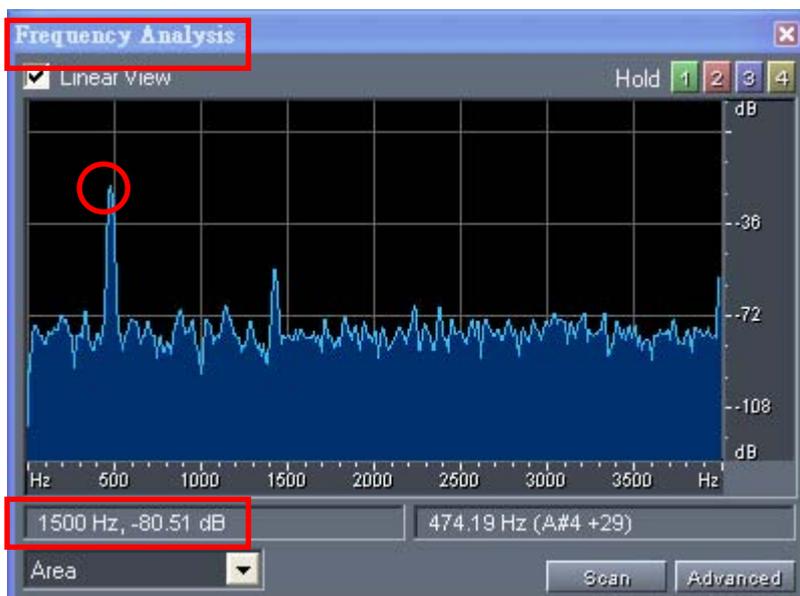
3. Make a call to FXO from PSTN or PBX depending on your VoIP setup.
4. When you hear the tone, dial "1*234", when hearing the recording tone, on hook your phone.
5. Meanwhile busy tone will be transmitted to VOI-800x, 30 seconds will be recored.
6. The wave file will be in VoIP setup → Advanced → Prompt Voice & Beep. You can then save it or play it.

Use the third party software eg. Cool Edit Pro.

1. Open the wave file you just recorded.
2. Highlight the area that has wave, the number below will show you the cycle, here it is approximately 520 ms.



3. Analyze → Show Frequency Analyze. Point your mouse cursor to the peak, the frequency will be shown.



4. Input the data analyzed by Cool Edit into the Tone Setting of VOI-800x. Please refer to page 21 of the user manual for how to input the value.

VoIP Router

Tone Setting

Call Progress Tone

Detect Tone Busy Cycle:

Tone	Type	Low Freq	High Freq	T_ON_1	T_OFF_1	T_ON_2	T_OFF_2
1	Busy	440	0	250	500	0	0

Modify Reset

Insert new Tone

Insert To: 2

Add Delete Reset