

FXO Ringer Voltage Threshold / Ringer Voltage Filter Setting

VIP-Gateway provides ring detector in FXO device avoiding can not answer and always OFF-HOOK status. This ring detector provides two functions to meet the various PBX's extension port:

1. FXO ringer voltage threshold
2. FXO ringer voltage filter

FXO Ringer Voltage Threshold

These three settings enable satisfaction of global ringer threshold requirements:

Low : 15V \pm 10%

Medium: 21V \pm 10%

High : 45V \pm 10%

Thresholds are set so that a signal is guaranteed to not be detected below the minimum, and a ringer signal is guaranteed to be detected above the maximum.

VoIP Setup	Ring Frequency	20 Hz
VoIP Basic	DTMF tone power	<input checked="" type="radio"/> -7dbm <input type="radio"/> -6dbm <input type="radio"/> -3dbm <input type="radio"/> -1dbm <input type="radio"/> 0dbm <input type="radio"/> +1dbm <input type="radio"/> +3dbm <input type="radio"/> +6dbm
Dialing Plan	FXO Transmit Hybrid	<input checked="" type="radio"/> Mode 0 <input type="radio"/> Mode 1 <input type="radio"/> Mode 2
Advance Setting	FXO Ringer Voltage Threshold	<input checked="" type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High
Hot Line Setting	FXO Ringer Voltage Filter	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Port Status	FXS Battery Reversal Generation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
	FXO Answer Supervision	<input checked="" type="radio"/> Disable <input type="radio"/> Battery Reversal Detection <input type="radio"/> Voice Detection

FXO Ringer Voltage Filter

Some vendor's PBX generates the leakage voltage from extension port.

That will mislead the FXO become Off-hook status.

This function was set to avoiding a leakage voltage signal is detected as ring coming.