

## FXO Answer Mode Setting

FXO Answer Mode Concept: When user calls the PSTN line which was connected with the FXO port, there are three answer modes for user to configure.

Ringing Answer Mode (Default Setting): FXO answer the call once the ring coming from PSTN line.

### Connecting Answer Mode:

#### Scenario A:

“Hot Line Number” was NOT assigned in the FXO port and the FXO answer the call once the rings come from PSTN line.

#### Scenario B:

“Hot Line Number” was assigned and the hot line number belongs to remote VoIP device. In this scenario, the FXO port will not answer (off-hook) the PSTN till the user picks up the call.

**Note:** This case can avoid charging for the Local PSTN call when the remote VoIP devices still ring.)

#### Scenario C:

“Hot Line Number” was setting and the hot line number was assigned to another FXS port in same gateway. FXO port will not answer (off-hook) till the Phone (connected to the FXS port) was picked up by user. **Note:** This case can avoid the Local PSTN charge when the FXS port still ring.)

**Non Answer Mode:** FXO will NOT answer the call in any time.

**Note:** Some ITSP only let the FXO for termination function, they do not user use the FXO port for

origination

VoIP Setup	FXO Ringer Voltage Threshold	<input checked="" type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High
VoIP Basic	FXO Ringer Voltage Filter	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Dialing Plan	FXS Battery Reversal Generation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Advance Setting	FXO Answer Supervision	<input checked="" type="radio"/> Disable <input type="radio"/> Battery Reversal Detection <input type="radio"/> Voice Detection
Hot Line Setting	Line Silence Disconnect	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Port Status	FXO Answer Delay Time	0 msec(from 0 to 8000 msec)
	FXO Answer Mode	<input checked="" type="radio"/> Ringing Answer <input type="radio"/> Connecting Answer <input type="radio"/> No Answer

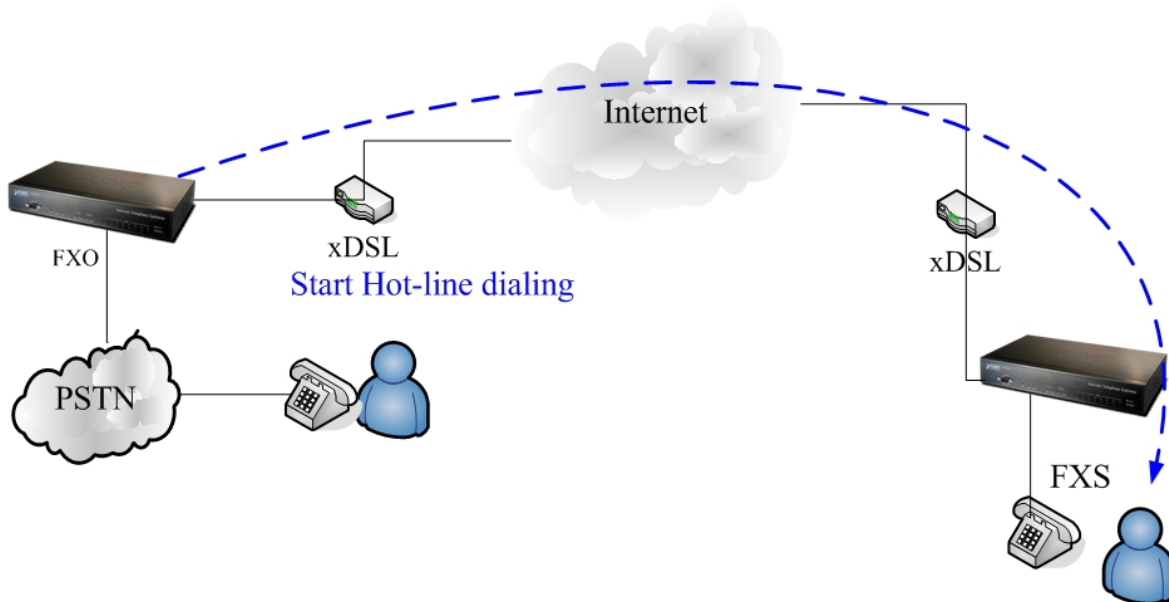
## SIP Call Connecting Answer Mode

### Scenario B description:

Hot Line Number” was assigned and the hot line number belongs to SIP device.

a) When the call com from PSTN to FXO, FXO start the Hot line dialing to remote SIP gateway

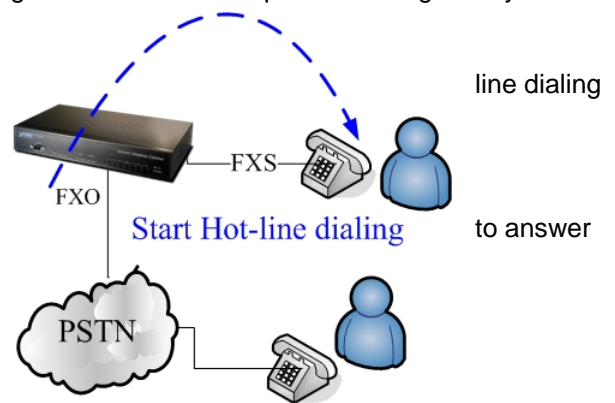
- b) The phone of remote SIP gateway start ring.
- c) When the phone was picked up, the remote SIP Gateway sends “SIP 200 OK” signal to FXO port.
- d) Once FXO port receives the “SIP 200 OK” signal, FXO port would off-hook to answer the PSTN call.



**Scenario C description:**

“Hot Line Number” was setting and the hot line number was assigned to another FXS port in same gateway.

- a) When the call com from PSTN to FXO, FXO start the Hot to FXS port.
- b) The phone start ring.
- c) Once the phone was picked up, FXO port would off-hook the PSTN call.



**H.323 Call Connecting Answer Mode**

**Scenario B description:**

Hot Line Number” was assigned and the hot line number belongs to remote H.323 device.

**Note:** The remote H.323 device need disable the “Auto Answer”

- a) When the call com from PSTN to FXO, FXO start the Hot line dialing to remote H.323 gateway
- b) The phone of remote H.323 gateway start ring.
- c) When the phone was picked up, the remote H.323 Gateway send “Q.931 connects” signal to FXO port.

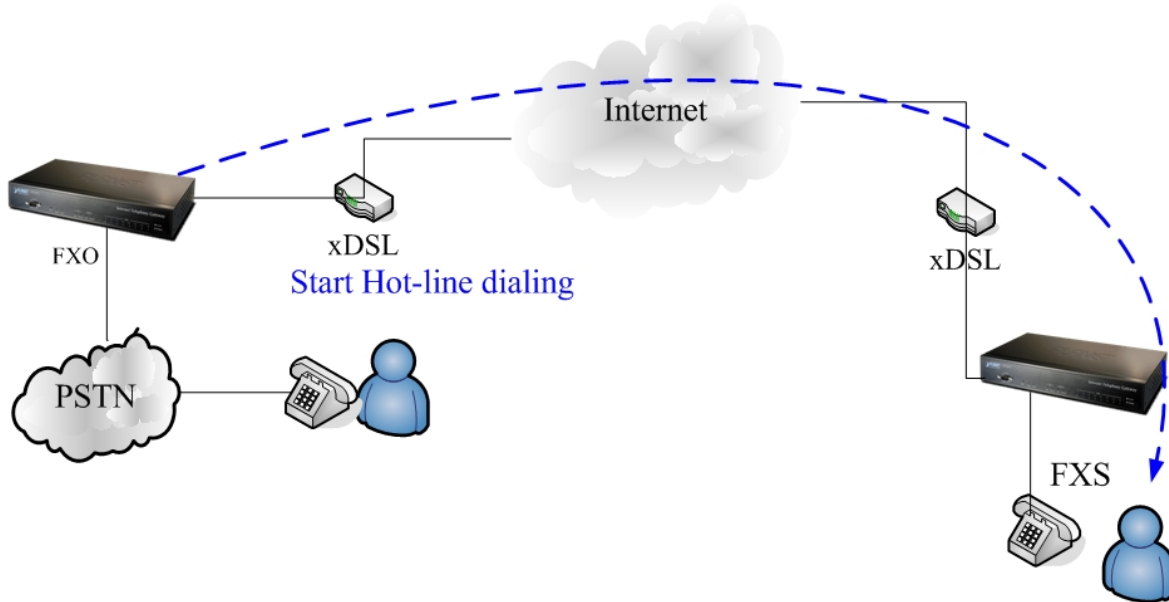


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Once FXO port receives the "Q.931 connects" signal, FXO port would off-hook to answer the PSTN call.



**Scenario C description:** "Hot Line Number" was setting and the Hot line number was assigned to another FXS port in same Gateway.

- a) When the call com from PSTN to FXO, FXO start the Hot dialing to FXS port.
- b) The phone start ring.
- c) Once the phone was picked up, FXO port would off-hook to the PSTN call.

