

# Welltech Product Release Note

Date: April-21-2008

<b>Model Name:</b>	FXO-08	<b>Object:</b>	<input type="checkbox"/> H.W. <input checked="" type="checkbox"/> S.W.
<b>Subject:</b>	Release Application Rom : 8fxosip.101a Release Hold tone and IVR file		
<b>Release contents</b>			
<b>Bug Fixed</b>			
<b>Feature and Function Added</b>			
New release			
<b>Configuration Item Changed</b>			
<b>Application Block Diagram</b>			
<b>Hyperlink</b>			
<ol style="list-style-type: none"><li>1. WELLTECH WEB Site: <a href="http://www.welltech.com">http://www.welltech.com</a></li><li>2. Firmware Download:</li><li>3. User Manual:</li></ol>			
<b>Note</b>			
<p><b>This is the first release of FXO-08, If you got FXO-08 sample before this release, please follow the procedure shown below to upgrade the firmware.</b></p> <p>Firmware updated procedure:</p> <p>The Boot code and POST code of FXO-08 for the new version have been changed, and this version added IVR files. You must use Telnet (command line interface) to upgrade the new firmware. Don't try to use WEB (HTTP) interface, it will make your FXO-08 crashed.</p> <ol style="list-style-type: none"><li>1. You will need a TFTP client/server software installed on the PC to perform the firmware update, you can download this software from the following URL: <a href="http://www.welltech.com/support/voip/TFTP/TFTP_Server.zip">http://www.welltech.com/support/voip/TFTP/TFTP_Server.zip</a> If you already have a TFTP or FTP server in place, please disregard this step.</li><li>2. Change the IP address of your PC to 192.168.123.1</li><li>3. Connect your PC with the LAN port of FXO-08.</li><li>4. Execute your TFTP server and select the file path, then please follow the instructions explained below to update the FXO-08 firmware.</li></ol>			
<b>Step of firmware updated</b>			

Step	command	Remark
1	On Windows desktop, click Start→Run→cmd	Now under the command prompt menu
2	telnet 192.168.123.123	Assuming the PC connected to the LAN port of the WG2680 has an IP address of 192.168.123.1
3	root	login username
4		Password is blank, press enter key
5	rom -app -s 192.168.123.1 -f 8fxosip.101a	
6	<b>reboot</b>	To save new firmware
7	telnet 192.168.123.123	
8	root	login username
9		Password is blank, press enter key
10	<b>flash -cleanall</b>	System will auto reboot,
11	<b>Power Reset</b>	Power off/on
12	telnet 192.168.123.123	Reconnect
13	root	login username
14		Password is blank, press enter key
15	rom -ht -s 192.168.123.1 -f hold.100	Add Hold Tone
16	rom -gt -s 192.168.123.1 -f greeting.102	Add GREETING files
17	rom -s 192.168.123.1 -ipivr 0 0.pcm 1 1.pcm 2 2.pcm 3 3.pcm 4 4.pcm 5 5.pcm 6 6.pcm 7 7.pcm 8 8.pcm 9 9.pcm . dot.pcm	Add IVR files
18	reboot	

**Note:** To check whether the firmware upgrade process is completed or not, press the Enter key and check if there is any response from the command line. If there is, then the firmware update is complete, if there is no response, the firmware upgrade is still in process.