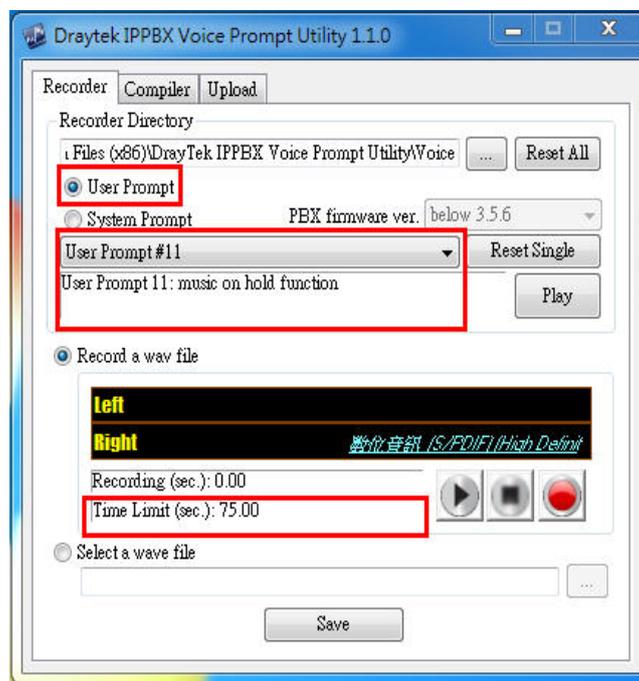


# How to extend the playing time and content for Music on Hold

Before the firmware version V3.2.6, the VigorIPPBX router only supports Music on Hold for playing the WAV file about 75 seconds, and only one WAV file is allowed. To fit the business requirement of the customers, we change the design of Music on Hold and let users to define up to 4 wav files used for Music on Hold. The maximum playing time is extended up to 300 seconds, and the total amount of user prompts is extended up to 50 sets.

1. Users can record several WAV files used for Music on Hold by using DrayTek IPPBX Voice Prompt Utility 1.1.0.



2. Use the web configurator of Vigor router to upload the user prompt files to the router. Open the web configurator of Vigor router.
3. From the web page of **IP PBX System**>>**PBX System**, you can find the **User Prompts** link. Click it.

[IP PBX >> PBX System](#)

[PBX Prompt maintainece](#)

[System Prompts](#)

[User Prompts](#)

4. In the field of **Upload**, use the **Browse** button to select one proper WAV file, then click **Restore** to upload the file onto Vigor router. Notice that only one WAV file can be uploaded at one time.

**Prompt maintaince**

<b>Download</b>	
User Prompt G711	01 <input type="button" value="Back Up"/>
<b>Upload</b>	
H:\v2820pbx_userprompt12.wav <input type="button" value="Browse"/>	<input type="button" value="Restore"/>

**Note:** The file name follows a pre-defined rule:  
User Prompt File: v2820pbx\_userpromptxx.wav;xx:01-50  
When G711 Prompt File has uploaded, system will generate related G729 Prompt File automatically, But we can not generate G711 Prompt file based on G729 Prompt file.

5. During the process of uploading, you will see the following screen.

**Prompt maintaince**

<b>Uploading and converting codec!</b> 
--

**Note:** The file name follows a pre-defined rule:  
User Prompt File: v2820pbx\_userpromptxxx.wav;xxx:01-50  
When G711 Prompt File has uploaded, system will generate related G729 Prompt File automatically, But we can not generate G711 Prompt file based on G729 Prompt file.

6. When the upload procedure is done and successfully, the system will display “**Prompt file has been uploaded successfully**”.

**Prompt maintaince**

<b>Congratulation!</b> <b>Prompt file has been uploaded successfully.</b>
--

**Note:** The file name follows a pre-defined rule:  
User Prompt File: v2820pbx\_userpromptxxx.wav;xxx:01-50  
When G711 Prompt File has uploaded, system will generate related G729 Prompt File automatically, But we can not generate G711 Prompt file based on G729 Prompt file.

7. After finished the uploading of User Prompt, you can observe the status for each user prompt. Moreover, you can define different names for each user prompt respectively to increase the convenience in management and usage.

**IP PBX >> PBX Prompt maintainece**

**User Prompt Status**

Index	User Prompt Display Name	G711 Status	G711 length	G729 Status	G729 length
1		Not Exist	0	Not Exist	0
2		Not Exist	0	Not Exist	0
3		Not Exist	0	Not Exist	0
4		Not Exist	0	Not Exist	0
5		Not Exist	0	Not Exist	0
6		Not Exist	0	Not Exist	0
7		Not Exist	0	Not Exist	0
8		Not Exist	0	Not Exist	0
9		Not Exist	0	Not Exist	0
10		Not Exist	0	Not Exist	0
11	Music_on_hold-1	Exist	111106	Exist	13884
12	Music_on_hold-2	Exist	111106	Exist	13884
13	Music_on_hold-3	Exist	111106	Exist	13884
14	Music_on_hold-4	Exist	111106	Exist	13884
15		Not Exist	0	Not Exist	0
16		Not Exist	0	Not Exist	0
17		Not Exist	0	Not Exist	0
18		Not Exist	0	Not Exist	0
19		Not Exist	0	Not Exist	0
20		Not Exist	0	Not Exist	0

<< [1-20](#) | [21-40](#) | [41-50](#) >> >> [Next](#)

8. Now, you can open **IP PBX>>PBX System>>SIP Proxy Setting** to process the configuration of **Music on Hold**.

**Vigor IPPBX 2820** **DrayTek**  
www.draytek.com

Off

Quick Start Wizard  
IPPBX Wizard  
Online Status

IP PBX  
 ▶ Extension  
 ▶ Trunks  
 ▶ Dial Plan  
 ▶ **PBX System**  
 ▶ PBX Status  
 ISDN  
 WAN  
 LAN  
 NAT  
 Advanced  
 External Devices  
 Support Area  
 Product Registration

**IP PBX >> PBX System**

**SIP Proxy Setting**

SIP Local Port: 5060  
 SIP Proxy Realm: ipbx.com  
 RTP Local Port Start: 15050  
 RTP Local Port End: 20000

**Music on Hold**

Play: None  
 Then play: None  
 Then play: None  
 Then play: None

Disable registration from WAN  
 Limit SIP Request WAN: 64 Request/Sec (Range: 1~64)  
 Enable ACL(white list for WAN IP.) [Edit ACL](#)  
 Automatic block extension for wrong password  
 Allowed fail count before block: 3

**Note:** To permit remote (WAN-side) extensions, you must enable "registration from WAN" option and also check the setting within the profile of each extension required.

9. The field defined by the red rectangle means you can set Music on Hold up to four user prompts in this place. According to the following configuration, the system will play Music\_on\_hold-1, followed by Music\_on\_hold-2, and Music\_on\_hold-3. The last is Music\_on\_hold-4. Next, the system will repeat the playing sequence starting from Music\_on\_hold-1. Then, the purpose of extending the playing time and content of Music on Hold can be reached.

## IP PBX >> PBX System

### SIP Proxy Setting

SIP Local Port	<input type="text" value="5060"/>								
SIP Proxy Realm	<input type="text" value="ipbx.com"/>								
RTP Local Port Start	<input type="text" value="15050"/>								
RTP Local Port End	<input type="text" value="20000"/>								
Music on Hold	<div style="border: 2px solid red; padding: 5px;"><table><tr><td>Play</td><td><input type="text" value="11 - Music_on_hold-1"/></td></tr><tr><td>Then play</td><td><input type="text" value="12 - Music_on_hold-2"/></td></tr><tr><td>Then play</td><td><input type="text" value="13 - Music_on_hold-3"/></td></tr><tr><td>Then play</td><td><input type="text" value="14 - Music_on_hold-4"/></td></tr></table></div>	Play	<input type="text" value="11 - Music_on_hold-1"/>	Then play	<input type="text" value="12 - Music_on_hold-2"/>	Then play	<input type="text" value="13 - Music_on_hold-3"/>	Then play	<input type="text" value="14 - Music_on_hold-4"/>
Play	<input type="text" value="11 - Music_on_hold-1"/>								
Then play	<input type="text" value="12 - Music_on_hold-2"/>								
Then play	<input type="text" value="13 - Music_on_hold-3"/>								
Then play	<input type="text" value="14 - Music_on_hold-4"/>								
<input type="checkbox"/> Disable registration from WAN									
<input checked="" type="checkbox"/> Limit SIP Request WAN	<input type="text" value="64"/> Request/Sec (Range: 1~64)								
<input type="checkbox"/> Enable ACL(white list for WAN IP.)	<a href="#">Edit ACL</a>								
<input type="checkbox"/> Automatic block extension for wrong password									
Allowed fail count before block	<input type="text" value="3"/>								

