

Ring and Call Waiting Tone Spec on SPA8000 Phone Adapter

Objective

Ring and call waiting tone specs are used to identify a specific ring tone or number dialed to make a call on a phone. The ring and call waiting tone spec configuration are dependent on the ring waveform, ring voltage and ring frequency. This feature is used to customize various ring and call tone settings on a SPA8000 Adapter Phone. This document outlines the procedures to configure ring and call waiting tone specs on a SPA8000.

Applicable Device

- SPA8000

Software Version

- 6.1.12

Ring and Call Waiting Tone Settings

Step 1. Log in to the web configuration utility as an administrator and choose **Admin Login** > **Advanced** > **Voice** > **Regional**. The *Regional* page opens:

Distinctive Call Waiting Tone Patterns			
CWT1 Cadence:	30(.3/9.7)	CWT2 Cadence:	30(.1/.1, .1/9.7)
CWT3 Cadence:	30(.1/.1, .1/.1, .1/9.7)	CWT4 Cadence:	30(.1/.1,.3/.1,.1/9.3)
CWT5 Cadence:	1(.5/.5)	CWT6 Cadence:	30(.1/.1,.3/.2,.3/9.1)
CWT7 Cadence:	30(.3/.1,.3/.1,.1/9.1)	CWT8 Cadence:	2.3(.3/2)
CWT9 Cadence:	30(.3/9.7)		
Distinctive Ring/CWT Pattern Names			
Ring1 Name:	Bellcore-r1	Ring2 Name:	Bellcore-r2
Ring3 Name:	Bellcore-r3	Ring4 Name:	Bellcore-r4
Ring5 Name:	Bellcore-r5	Ring6 Name:	Bellcore-r6
Ring7 Name:	Bellcore-r7	Ring8 Name:	Bellcore-r8
Ring9 Name:	Bellcore-r9		
Ring and Call Waiting Tone Spec			
Ring Waveform:	Trapezoid ▾	Ring Frequency:	20
Ring Voltage:	85	CWT Frequency:	440@-10
Synchronized Ring:	no ▾		
Control Timer Values (sec)			
Hook Flash Timer Min:	.1	Hook Flash Timer Max:	.9
Callee On Hook Delay:	0	Reorder Delay:	5
Call Back Expires:	1800	Call Back Retry Intvl:	30
Call Back Delay:	.5	VMWI Refresh Intvl:	0
Interdigit Long Timer:	10	Interdigit Short Timer:	3
CPC Delay:	2	CPC Duration:	0
Vertical Service Activation Codes			
Call Return Code:	*69	Call Redial Code:	*07
Blind Transfer Code:	*98	Call Back Act Code:	*66
Call Back Deact Code:	*86	Call Back Busy Act Code:	*05
Cfwd All Act Code:	*72	Cfwd All Deact Code:	*73
Cfwd Busy Act Code:	*90	Cfwd Busy Deact Code:	*91

Step 2. From the Ring Waveform drop-down list, choose the type of waveform for the ringing signal.

- Sinusoidal — The ring style waveform is sinusoidal.
- Trapezoid — The ring style waveform is trapezoidal. A trapezoid ring waveform is easier to generate than a sinusoidal ring waveform.

Step 3. In the Ring Frequency field, enter the desired value for the ring frequency to have. The value is in hertz and has a valid range from 10-100 Hz. It is set at 20 by default.

Step 4. In the Ring Voltage field, enter the value between the valid range of 60-90 volts. It is set at 85 by default.

Step 5. Enter a Call Wait Tone (CWT) Frequency as a frequency script of the call waiting tone. A frequency script is a sequence of frequencies and their corresponding levels. It is set as 440@-10 by default. All the distinctive CWTs are based on this tone.

Step 6. Choose **yes** or **no** from the Synchronized Ring drop down list to synchronize the ring tones. It is set as no by default.

Step 7. Click **Submit All Changes** to save the configuration.