- 1. Скачайте и установите программу X-Lite.
- 2. Запустите программу
- 3. На вопрос ответить Нет

Call Q	uality Information
(į)	To help improve the quality of our product, X-Lite automatically collects quality information for each call. No personal data is being collected.
	Please click YES if you would like to continue sending this information, or click NO if you would like opt out.
	<u>Д</u> а <u>Н</u> ет

4. Нажмите кнопку Add

nabled	Acct #	Domain	Username	Display Name	<u>A</u> dd
	1				<u>R</u> emove
					Properties
					Make <u>D</u> efault

5. Заполните поля: *Display name, User name, Password, Authorization user* вашими данными из письма. В поле *Domain* введите sip.cartel.md

Properties of Acco	unt 1 🛛 🔀
Account Voicemail Topology	Presence Advanced
User Details	
Display Name	Andrey
User name	808124
Password	•••••
Authorization user name	808124
Domain	sip.cartel.md
Domain Proxy Register with domain and r Send outbound via: O domain	receive incoming calls
Oproxy Address Dialing plan	#1\a\a.T;match=1;prestrip=2;
	ОК Отмена При <u>м</u> енить

6. Выберите закладку Voicemail, укажите Number to dial for checking voicemail - sip:111@sip.cartel.md

Properties of Account 1				
Account Voicemail Topology Presence Advanced				
Check for voice mail				
Number to dial for checking voicemail sip:111@sip.cartel.md				
Number for sending calls to voicemail				
Send calls to voicemail if unanswered for 0 seconds				
Forwarding				
Always forward to this address				
Forward to this address when busy				
ОК Отмена При <u>м</u> енить				

7. Выберите закладку *Topology*, переключите на *Use local IP address*, снимите галочку *Enable ICE*, включите *Manually specify range* и введите 5080-5090

Properties of Acco	unt 1 🛛 🔀
Account Voicemail Topology	Presence Advanced
Firewall Traversal IP address Discover global addres Use local IP address STUN server Discover server Use specified server: Enable ICE	55
Port used on local computer -	
Manually specify range:	5080 - 5090
XTunnels	
Use XTunnels	Never
Server address	
Use SIP user name and pa	assword
Username	
Password	
	ОК Отмена Применить

8. Выберите закладку *Presence* и заполните поля согласно рисунку ниже

Properties of Acco	unt 1	
Account Voicemail Topology	Presence Advanced	
Mode:	Presence Agent	
Poll time	30	seconds
Refresh interval	180	seconds
	ОК Отм	ена При <u>м</u> енить

9. Выберите закладку Advanced и установите Register every 180 sec, затем нажмите OK

Properties of Account 1 🛛 🛛 🔀					
Account Voicemail Topolog	y Presence Advanced				
Register Settings					
Reregister every	180	seconds			
Min. time	20	seconds			
Max. time	180	seconds			
Advanced Options					
Send SIP keep-alives	🗹 Use rport				
Enable session timers	Default session time 60	seconds			
Session Timer Preference	None 😽				
	ОК Отмена	Применить			

10. Нажмите кнопку *Close*

Enabled	Acct #	Domain	Username	Display Name	<u>A</u> dd
 Image: A set of the set of the	1	sip.cartel.md (default)	808124	Andrey	
					<u>R</u> emove
					Properties
					Make <u>D</u> efau

11. Нажмите кнопку No, and do not ask me about this again

X-Lite			
X-Lite is not set up as the 'sip:' link handler.			
Would you like to make X-Lite the 'sip:' link handler? This will allow your web browser to launch X-Lite whenever you click on a 'sip:' link within a web page.			
Yes No No, and do not ask me about this again			

12. Щелкните правой кнопкой мыши на дисплее телефона и выберите *Options* отключите галочки *Confirm before closing application* и *Prompt me when an upgrade is available*

Options	
General	⊂ Basic Options
Application	Always on top of other applications
Alerts and Sounds	Confirm before closing application Dompt me when an upgrade is available Turn letters into digits when typing into the phone *
¢.	* NOTE: This option can be toggled while dialing by pressing the spacebar.
	Number of calls in each list[0999]:
Oevices	Contact List Double clicking on a contact will: O send an instant message o place a call
	 Zero Touch Configuration Enable Zero Touch bandwidth detection Enable status bar messages
	Recorded Calls Location Location: C:\Documents and Settings\Andrey\Мои док Open
Advanced	Apply Revert OK Cancel

13. Щелкните *Advanced* (выделено красным на рисунке вверху), и, используя кнопки -> и <- заполните список *Enabled Codecs* как показано на рисунке внизу. Затем нажмите *OK*.

Options		
General	Disabled codecs:	Enabled codecs:
Advanced	BroadVoice-32	G711 aLaw
Audio Codecs	BroadVoice-32 FEC DVI4 DVI4 Wideband L16 PCM Wideband Speex	-> G711 uLaw GSM iLBC
Video Codecs	Speex FEC Speex Wideband Speex Wideband FEC	
Pp Network		
~		
*	Codec Properties	
Quality of Service	Description:	iLBC
	Bitrate range (bps):	29500 - 29500
	Fidelity:	Narrowband (8000)
Diagnostics	Best Quality (PESQ)	
	bose Quality (PEDQ).	0.0 45
		Apply Revert OK Cancel

14. Наберите на клавиатуре телефона *****7469** и нажмите клавишу Enter на клавиатуре



Вы увидите следующее окно:

Advanced Options	×
Filter Apply Filter Clear F	Filter
Option Name	Value
audio:aec:manual_offset	0
audio:agc:desired_level	1500
audio:concealment:enabled	1
audio:headset:_section_desc	0
audio:headset:aec_enabled	1
audio:headset:audio_in_agc_enabled	1
audio:headset:audio_in_device	(default wave in)
audio:headset:audio_in_force_hz_rate	Ó
audio:headset:audio_out_device	(default wave out)
audio:headset:audio_out_force_hz_rate	Ó
audio:headset:auto_echo_cancellation:enabled	0
audio:headset:detected_silence_level	100
audio:headset:noise_reduction	1
audio:headset:vad_enabled	0
audio:incoming:use_agc	1
audio:internal:adjust_for_inexact_hz_rate	1
audio:internal:processing_hz_rate	8000
audio:level:clip_max_level_at	3000
audio:monitor:level	1
audio:monitor:vad	1
audio:monitor:volume	1
audio:panic:adjustable_panic_if_below_fill_in_milliseconds	60
audio:panic:adjustable_panic_if_below_fill_in_milliseconds_new	45
audio:panic:audio play position inaccurate by in milliseconds	40
audio:panic:audio_play_position_inaccurate_by_in_milliseconds_new	0
audio:panic:decrease amount if ok in milliseconds	5
audio:panic:decrease amount if ok in milliseconds obsoleted	0
audio:panic:decrease_if_panic_okay_for_in_milliseconds	10000
audio:panic:decrease_percentage_safety_margin_unplayed_samples	50
audio:panic:eliminate too much data over time period in milliseconds	8000
audio:panic:fill extra if panic in milliseconds	100
audio:panic:fill extra if panic in milliseconds obsoleted	0
audio:papic:increase amount if below in milliseconds	10
<	>

- 15. Наберите в поле *Filter* priority и нажмите Enter, дважды щелкните мышью в сетке и поменяйте значения для перечисленных ниже кодеков на указанные:
 - codecs:g711a:priority = 1 codecs:g711u:priority = 2 codecs:ilbc:priority = 3 codecs:gsm:priority = 4

Результат:

Advanced Options	×		
Filter: priority Apply Filter Clear	Filter		
Option Name	Value		
codecs:broadvoice32:priority	1.000000		
codecs:broadvoice32_fec:priority	1.000000		
codecs:dvi4:priority	15.000000		
codecs:dvi4_wb:priority	5.000000		
codecs:evrc:priority	16.0		
codecs:g711a:priority	1		
codecs:g711u:priority	2		
codecs:g722:priority	5.0		
codecs:g722_2_wb:priority	3.0		
codecs:g723:priority	14.0		
codecs:g726-24:priority	18.0		
codecs:g726-32:priority	17.0		
codecs:g729:priority	5		
codecs:gsm:priority	4		
codecs:h263:priority	12.000000		
codecs:h263_1998:priority	11.000000		
codecs:h264:priority	5		
codecs:h264_hi:priority	5		
codecs:h264_lo:priority	6		
codecs:ilbc:priority	3.000000		
codecs:l16_wb:priority	11.000000		
codecs:speex:priority	7.000000		
codecs:speex_fec:priority	8.000000		
codecs:speex_wb:priority	2.000000		
codecs:speex_wb_fec:priority	4.000000		
codecs:tdvc:priority	11.0		

16. Наберите в поле *Filter* rinstance и нажмите Enter, дважды щелкните мышью на первой строке в сетке и поменяйте значение на sip.cartel.md:0 и нажмите *OK*

Dialog	×			
proxies:proxy0:enable_rinstance				
sip.cartel.md:0				
OK Cancel				

Результат:

Advance	ed Options			٥
Filter:	rinstance	Apply Filter	Clear Filter	
Option I	lame		Valu	e
proxies:	proxy0:enable_rinstance		sip.c	artel.md:0
proxies:	proxy1:enable_rinstance		1	
proxies:proxy2:enable_rinstance			1	
proxies:proxy3:enable_rinstance			1	
proxies:proxy4:enable_rinstance			1	
proxies:	proxy5:enable_rinstance		1	
proxies:	proxy6:enable_rinstance		1	
proxies:	proxy7:enable_rinstance		1	
proxies:	proxy8:enable_rinstance		1	
proxies:	proxy9:enable_rinstance		1	

17. Закройте окно *Advances options*, нажав на *x*, нажмите *Yes* чтобы сохранить параметры

Advanced Options	X
Save changes?	
<u>Д</u> а <u>Н</u> ет	Отмена

Теперь вы можете пользоваться программой.