Установка и настройка EAX в среде WINDOWS

Установка виртуальных дравейров

- Отключите пррверку подписи драйверов детали тут Permanent disable Driver signature verification
- Если включен Secure BOOT в BIOS отключите его и перезагрузите компьютер
- Скачайте последнюю версию сборок под Windows https://nx8619.your-storageshare.de/s/pdeEJr5mG4ix7PQ
- Распакуйте архив EAX_VAX_X64_xxx.zip
- Распакауйте архив и устновите драйвера черз Device Manager

File Action View Help Add legacy hardware Devices and Printers Properties Help Computer Disk drives Disk drives Disk drives Disk drives Disk drives Disk drives Properties Help Properties Help Disk drives Disk drives Disk drives Disk drives Disk drives Properties Properties Properties Help Properties Properties <t< th=""><th>占 D</th><th colspan="6">🗄 Device Manager — 🗌</th></t<>	占 D	🗄 Device Manager — 🗌									
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I BUILSU AT LABBAR BATABULISSAR TAREA LATS ABUISBLAUBULIS UBUILA BAAZTAABALILARA LISZUBASI	Add a	a legacy (non Plug and Play) device to the co	omputer.								

• Повторите установку дважды, чтобы в системе было два EAX VAC

• Если потребуется перезагрузите компьютер

• Прорверьте, что все установлено правильно

🗄 Device Manager

🗢 🔿 | 📰 | 📴 | 📝 🗊 | 晃 V 🛃 DESKTOP-76RPVRF Audio inputs and outputs DELL S2721DS (6- HD Audio Driver for Display Audio) DELL S2721DS -2 (3- HD Audio Driver for Display Audio) 😅 Line In (2- EAX VAC) 😅 Line In (EAX VAC) 对 Line Volume (2- EAX VAC) 对 Line Volume (EAX VAC) Microphone (USB Audio Device) Microphone Array (Intel® Smart Sound Technology for Digital Microphones) Speakers (Realtek(R) Audio) Speakers (USB Audio Device) Stereo Mix (Realtek(R) Audio) Batteries > **Biometric devices** 춞 > > 8 Bluetooth Ocameras > Computer > 🕳 Disk drives > > Display adapters > 🎽 Firmware > 🐺 Human Interface Devices > 🔤 Keyboards > II Mice and other pointing devices Monitors > Network adapters > Portable Devices > > 📇 Print queues >
Processors Proximity devices > > P Security devices > 🔚 Sensors Software components > Software devices > Sound video and game controllers 🛯 EAX VAC EAX VAC HD Audio Driver for Display Audio I HD Audio Driver for Display Audio HD Audio Driver for Display Audio 🐐 Intel® Smart Sound Technology for Bluetooth® Audio 🐐 Intel® Smart Sound Technology for Digital Microphones 🐐 Intel® Smart Sound Technology for USB Audio 4 Realtek(R) Audio USB Audio Device > 🍇 Storage controllers to System devices > Universal Serial Bus controllers > Universal Serial Bus devices USB Connector Managers >

• В расшиоренных настройках звуков для входов VAC установите правильный сэмплрейт

Sound ×	→ Line In Properties ×
Playback Recording Sounds Communications	General Listen Levels Advanced
Select a recording device below to modify its settings:	Default Format
Line In	Select the sample rate and bit depth to be used when running in shared mode.
2- EAX VAC	2 channel 16 bit 48000 Hz (DVD Quality)
Line In	
Ready	Exclusive Mode
Microphone Array	Allow applications to take exclusive control of this device
Ready	Give exclusive mode applications priority
External Microphone Realtek(R) Audio	
Not plugged in	
Stereo Mix Realtek(R) Audio	
Ready	
Configure Set Default V Properties	Restore Defaults
OK Cancel Apply	OK Cancel Apply
434 34 FF 434	
Sound X	→ Line In Properties ×
Playback Recording Sounds Communications	General Listen Levels Advanced
Select a recording device below to modify its settings:	Default Format
	Select the sample rate and bit depth to be used when running in shared mode.
Ready	1 channel, 16 bit, 48000 Hz (DVD Quality) 🗸 🗸
Ready Ready	Exclusive Mode
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Ready	
External Microphone Realtek(R) Audio	
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Realtek(R) Audio	
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Configure Set Default V Properties	Restore Defaults
OK Cancel Apply	OK Cancel Apply

Запуск EAX control

• Распакуйте архив с программой EAX control panel и запустите **еах.ехе**

- При запуске возможно запросит установку Visual C++ Redistributable for Visual Studio 2015 https://www. microsoft.com/en-us/download/details.aspx?id=48145
- Выполните предварительную настройку EAX control panel и FT8 программы. Также необходимо установить правильный IP адрес компьютера, тк на компьютере может быть несколько сетевых карт.
- Выставите выходное аудиустройство для самопрослушивания (AUIDIO output)

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	Genera <u>l</u>	<u>R</u> adio	A <u>u</u> dio	Sequencing	Tx <u>M</u> acros	Reporting	Frequencies	Notifications	Filters	Schedu		EAX settings		?	×
	Soundcard											Soundcard			
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	Input:		Line In (E	AX VAC)					•	Mono 🔻	-	EAX Output:	Line Volume (EAX VAC)		\sim
ē	Output:		Line Volum	ne (2- EAX VAC)					•	Mono 🔻		EAX Input:	Line In (2- EAX VAC)		\sim
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• Выберите адрес и порт трансивера

EAX control panel							
URL: 192.168.0.130:4002	~ 🌣	R	ON				
Speed: 0/0 KBit			.::				

- Нажмите кнопку ON и подключитесь к трансиверу
- В файерволле РС разрешите входные соединения для UDP соединений для всех портов
- Проверьте скорость входных\выходных потоковю При необходимости можно включить самопрослушивани на звковой карте компьютера

i ea	X control panel	_		×
URL:	192.168.0.130:4002	~	\$ 1)	OFF
Speed:	752/376 KBit			.:

• Проверьте выдачу несущей в эфир из программы FT8 (кнопка TUNE)