## Инструкция по использованию Martin M-PC с любым интерфейсом USB-to-DMX

Альтернативой DMX конвертору может стать бесплатная программа для управления световыми приборами – Freestyler.



Если вы пользуетесь одним из интерфейсов, указанном в перечне на сайте, то вы можете установить последнюю версию Freestyler, нажав «Download». Установочный файл сохраняем в папку с помощью кнопки «Save».

Desktop >		AUL	+y Sedim Des. 3
Organize 👻 📑 Open	Share with  E-mail Burn New folder		H • 🗐 🛛
Favorites Desktop Recent Places Joel's Files PengelhardtMedia ConeDrive - Saint :	Name Size Item type Libraries Libraries Libraries Joel Joel Romputer Computer	Date modified	
🥽 Libraries 輚 Homegroup	Reyord Barrier      Page:     P	2015 7:21 AM 2015 5:58 PM	
Computer Computer HP_TOOLS Local Disk Local Disk CloudMe GGB) HiDrive (SGB) HiDrive (SGB) Diffice 35 Sites (1) Orfice 35 Sites (1) Condrive (15GB) Yandexdisk (10G)	If setup?       Share with         Image: Share with       Norton 360         Image: Codec       Add to archive         Image: Codec       Compress and email         Image: Codec       Compress and email         Image: Codec       Compress to "setupIZ.rat" and email         Image: Codec       Compress to "setupIZ.rat" and email         Image: Codec       Compress to "setupIZ.rat" and email         Image: Codec       V	<ul> <li>(2015 2-60 PM)</li> <li>(2015 2-65 PM)</li> <li>(2015 3-32 PM)</li> <li>(2015 3-32 PM)</li> <li>(2015 3-32 PM)</li> <li>(2015 5-36 PM)</li> <li>(2015 5-37 PM)</li> <li>(2015 3-37 PM)</li> <li>(2014 8-01 PM)</li> <li>(2014 8-01 PM)</li> </ul>	
Network DJMOBIUS DJMOBIUS ONE CREAN	Copy Paste Create shortcut Martin MPC I Part-2- Groups, Rename		
SPEEN(ASTO)	Norton File Insight	Shared with: HPLaptop	= <del>7</del> :::

Открываем папку с сохраненным файлом. Кликаем по файлу правой кнопкой мыши, выбираем «Запустить от администратора» («Run as administrator»).



Откроется окно установки программы «Welcome to the Freestyler setup wizard». Нажимаем «Next».



Соглашаемся со всеми условиями программы - выбираем «I accept the agreement».



Если вы хотите установить программу непосредственно в Program files, то нажимаем Browse и выбираем нужную папку. В данном случае программа устанавливается на диск C в папку «Freestyler».

Organize 👻 📑 Open	Share with * E-mail	Burn	New	lder	H • 🗇 🖗
· Enuritar	Name	Size	Item	pe Date modified	
Derkton	50 Librarian				
Recent Places	Homeoroup				
Joel's Files	R loel				
EngelhardtMedia	E Computer		0		
OneDrive - Saint :	Network			Stetup - FreeStyler (1004 au Holan Holan Holan (1000) (1000 au 1000 au 1	
onebine · Jane ·	Control Panel			Select Components	
🔚 Libraries	Recurle Rin		- 1	Which components should be installed?	
	2015-10-08 Eleart Ni		-	202	
A Homegroup	Paine's Photos		File	Select the components you want to install; dear the components you do not want to	
a	setun X2	10 400 KR	And	install. Click Next when you are ready to continue.	
Computer	C Programming	2 KR	Inte	Custom installation	
EngelhardtMedia	Canvas	1 KR	Inte	Program Files 8.4M8	
HP TOOLS	Codecademy	1 KB	Inte	Art-Net to DMX convertor 0.7 MB	
AL Local Disk	Google Drive	1 KB	Inte	PreeStandigone (for some DMX4ALL and CINETIX interfaces only) 0.2 MB	
4shared (15GB)	King Film School	1 KB	Inte		
CloudMe (3GB)	My eBay	1 KB	Inte		
HiDrive (5GB)	Q Ouizlet	1 KB	Inte		
IPad Documents	Spotify Web Player	1 KB	Inte		
iPhone Documen	St. Xavier OneDrive	2 KB	Inte	Current selection requires at least 54.7 MB of disk soare	
Office 365 Sites (1)	X St. Xavier	1 KB	Inte		
OneDrive (15GB)	7 YouTube	1 KB	Inte	Canal Next Canal	
👤 Yandex.disk (10Gl	HF1508220456	46 KB	JPE		
Network			1		
DIMOBIUS					1 m 1
IN JOHN-PC					
MOM					

Если вы планируете использовать только M-PC, то ставим галочки напротив всех пунктов. Нам нужен только DMX конвертор, поэтому в нашем случае выбираем «Art-Net to DMX converter».



Снимаем все галочки, если вам не нужны эти функции. Нажимаем «Next»



Последний этап – установка. Так как нам нужен только Art-Net DMX converter, то нажимаем «Cancel», затем «Yes».



Далее скачиваем M-PC на сайте Martin.com.

How to USE MARTIN	A-PC with ANY USB-to-DMX INTERFACE	
× Google martin	🝷 🛃 Search - 🏦 🎮 - 🎆 🧟 - 🌆 Check - 🖏 Translate - 🍠 AutoFill - 🍙 -	Joel Engelhardt • 🔧 •
Martin		
Contents		You Tube
M-Series Support     Maxxyz Support	M-Series Version 3.44.604	
	Downloads are available as smaller software installers or full console restoration packages. Usually the software update is sufficient, but it is recommended to also create the recovery USB drives and keep them with the consoles.  Software Download  This installer is for M-PC (Requirements) and all M-Series consoles.  Depending System Downloads  Release Notes	
2 <mark>Downjoac</mark>	<ul> <li>DOCUMENTATION</li> <li>SUPPORT LINKS</li> <li>and install Martin M-PC (link in description).</li> </ul>	
	and install Martin M-PC (link in description).	= 🖑 🛟



Выбираем скачать - «Download».







Открываем окно Пуск – Панель управления- Диспетчер устройств –Действие – Добавить оборудование.





Выбираем «Установка оборудования из списка»



## Выбираем Network adapters

Device Manager			
File Action View Help			View by: Large icons
ProBook4530s		â	
Add hardware		and Restore	Color Management
Select Network Adapter Which network adapter do you want to install?		1000	
		) Gadgets	Device Manager
Click the Network Adapter that matches your hardw installation disk for this feature, click Have Disk.	ware, then click OK. If you have an	aver (32-hit)	Ender Ontions
		byer (32 bit)	Tolder options
		roup	HP 3D DriveGuard
Manufacturer   Network Adapter		E	Intel/P) Graphics and
Intel	vice Ethernet	) Options	Media
Intel Corporation		h and Other	Mail (Microsoft Outlook
Outsteam Athene Communice			2013) (32-bit)
		Controls	Performance Information
This driver is digitally signed. Tell me why driver signing is important	Have Disk		and look
		ns and Features	Ø
	<back next=""> Cancel</back>		
WSD Print Provider		-	9
		and Start Menu	199
	and allowed	and start menu	2
ubleshooting 🔐 User Accounts	Windows Anytime	Windows CardSpace	
	opgrade		
Windows Mobility	Center Windows Update		Research and the second se



В левой табличке выбираем Microsoft, правой – Microsoft Loopback Adapter.





После загрузки нажимаем «Завершить». Закрываем все окна.



На панели задач открываем Сеть и общий доступ. Видим строку «Подключения по локальной сети» - Microsoft Loopback Adapter, который мы только что установили.

🔳 🖑 ;;

4 Set static IR₂address for new network adapter (2.100.100.1)



Кликаем на строку «Подключения по локальной сети», выбираем «Параметры».



Выбираем из списка «Internet Protocol Version 4» и меняем IP адрес.



Чтобы поменять IP адрес, выбираем «Использование следующего IP адреса».



Art-Net можно использовать с любым IP адресом, в нашем случае мы вводим «2.100.100.1». Убедитесь, что галочка перед строкой «Подтвердить параметры при выходе» снята. Нажимаем «Ок», закрываем окна.



Открываем окно «Пуск». Выбираем папку Freestyler – Art-Net to DMX.



В появившемся окне кликаем «Interface setup».



Из списка выбираем интерфейс, которым вы пользуетесь. Выбранное сохраняем кнопкой «Save».



Обязательно проверяем строку Network adapter в том случае если на вашем компьютере установлено несколько сетей. В строке должен быть выбран введенный ранее IP адрес «2.100.100.1».



Выходим из настроек с помощью «File» - Exit, чтобы не перегружать панель вкладками.



Проверяем выбранные настойки. Пуск – Freestyle – Art-Net to DMX. Закрываем с помощью крестика.



Запускаем M-PC. Перед установкой Art-Net обязательно убедитесь, что хотя бы один прибор запатчен, иначе программа не заработает.



После загрузки M-PC, выбираем «Continue show»



Для выбора меню нажимаем в левом верхнем углу «M-PC» - «Menu».

How to USE	MARTIN M-PC with ANY USB-to-DMX INTERFACE	
Show	Show Info	
	Patch Tasks	
Info	Edit Patch Patching, cloning and exchanging fixtures in the show	Edit
•	Export Patch Export your patch to an external document	Export
General	Clear Patch History Remove the patch history in the fixture library	Clear
Cue Settings	Fixture Library Editor Create your own custom fixtures	Editor
. 🥨	Properties	
Load - Save	Show Name Custom label for the show Unitiled	Edit
	Device Name PROBOOK4530S Custom label for the console in the network PROBOOK4530S	Edit
	File Name The file name used during the last show save	Unknown
		<b>Fai</b>
Network		- 17.1
System	Show Info	
8 Go to	, M_PC > Menu > Network > Interfaces and select correct network a	adapter (2.100.100-1)

В нижнем левом углу кликаем «Network».



В нижней панели открываем вкладку «Interfaces».

	🔵 м-рс						日日三	* 🖂 – ×
	Show		Network Select one of the interfac	Interfaces es below to see the settings			Local Area Connection	
	Network					<u>Settings</u>		
		<b>S</b>			$\sim$	AUTOMATIC		ETHER DMX
	Settings	Local Area Connection	Local Area Connection 2	Wireless NetConnection 2	Wireless NetConnection 5	MAC Address You can use this address	s for hardware filtering	64:31:50:9F:2F;AB
٠	+	CARGINEERO		DITLE PERSONALON	Disconnected	IP Address Manually specify the IP	address	2.0.0.1
	EtherDMX					Subnetmask Manually specify the su	bnet mask	255.0.0.0.0
•	CITP Thumbs					Options		
						MAXNET Communication betwee	n other network shows	O OFF
	Remote					MAXRemote Remote control your de	sk	
•	J OSC					sACN Sending DMX data over	the network	O OFF
						CITP Display thumbnail previ	ews fi	
						OSC Remote control and sen	d fee	
							and the second second	40
							A DECEMBER OF	The I
							*	
	System Recorded with		4	Shows	Devices	rfaces V Prefer	ence	ALL I
8	scGodo	MORAN Me	nu > Network	> Interfaces	and select co	rrect network	adapter (2.1	00.100.1).



Мы используем «Local Area Connection 2». Проверяем правильность IP адреса. Кликаем по иконки, после чего «Apply».

	🔵 м-рс		
	Show	Artnet Devices Select one of the devices below to see the settings	ArtNet to DMX node
	Network		Tasks
			Name Freestyler Edit
	Settings	Freestyler 2.100.100.1	Website Website Website
Þ	R	Warning! Not all devices support auto-discovery. Check the capabilities of your remote Artnet devices.	Firmware Version Current version of the device 0.14
	EtherDMX		RDM Capable No Check if the device can handle RDM traffic No
•	CITP Thumbs		IP Address Network address that is used by the device 2.100.1001
•			MAC Address 00:00:00:00:00:00:00:00:00:00:00:00:00:
	Kemote		Options
•	osc		Port1 In: [
			Port 2 In: - 0:0
			Port3 In: - 0.0
			Port4 In:00
	System	Devices 🚊 🎘 Artnet	⇒ wcn
	SCREENCAS	TOMATIC	Close Menu

Чтобы закончить настройки, переходим к EtherDMX, где должна отражаться программа Freestyler.



На панели внизу выбираем вкладку Artnet, включаем его с помощью нажатия «On», далее «Apply».

	🔵 м-рс				×
	Show	Artnet Devices Select one of the devices below to see the settings	ArtNet to DMX node		
	Network		Tasks		
•			Name Freestyler User defined name	Edit	
	Settings	Frees ser 2.100.100.1	Website Change settings on the device	Website	
Þ	-	Warning! Not all devices support auto-discovery. Check the capabilities of your remote Artnet devices.	Firmware Version Current version of the device	0.1	14
	EtherDMX		RDM Capable Check if the device can handle RDM traffic	N	lo
•	CITP Thumbs		IP Address Network address that is used by the device	2.100.100	
•	Remote		MAC Address 00:00 Unique identifier assigned to the docine 00:00	:00:00:00:	90
•			Port1 In: -	6	0:1
			Port2 In:		0:0
			Port 3 In:	7	0:0
			Port4 In:		0:0
	System Recorded with	Devices 🙃 Artnet	ý sacn		
Ş	9 criteuno	Martnet, and check to see that DMX is be	ing output.		

Переходим на вкладку «Devices», кликаем по «Freestyler». Закрываем меню.

How to USE MA	ARTIN M-P	C with /	ANY US	B-to-DN		RFACE								0 *
Program														
Descate														
Preses														
FX														
Cuelist Values														
Playback Buttons												33	 $ \vee$	
Cuelist Directory												0		
Status												79		
Previous Screen												12	5	
Fixture Control	91											"~4	COP	I I
					HAR Grou	15	Masks		Auto	<i>∩</i> ₽	xtures S	ected		
FREE														$\uparrow$
1 1 Recorded with	2			4			6			8	9	10	11 12 13 14	
Sterfendade (	Gon /10:21	net,	and	d ch	eck t	o se	e th	at D	MX	is be	ing out	put.	17	\$

How to USE N	IART	'IN M <sup>∆</sup>	PC	witl	ו ANY	US	B-to-D	МΧ	INT	ERFACE													생민	Į.	19-18-18-18-18-18-18-18-18-18-18-18-18-18-		
Program		View			Ne		HighLig		Slice	Groupin		Deselect	Resele	ect	Select All										Fixtures		
Presets		Channe			Channel		3 Char	nel		Channel		s Channe			Channel	7 Channel		8 Chann	el 0%		Channel	0%	Chann	el 0%			
Fixture		Channe			Channel		13 Char	nel	14	Channel	0%	15 Channe			Channel	17 Channel		18 Chann	el 0%		Channel	0%	o Chann	el 0%			
EX EX		Channe			Channel		23 Char	nnel (	24 7%	Channel		25 Channe			Channel	27 Channel		28 Chann	el 0%	29	Channel	0%	) Chann	el 0%			
Cuelist		Channe			Channel		33 Char	nel	34	Channel		35 Channe			Channel	37 Channel		38 Chann	el 0%	39	Channel	0%	Chann	el 0%			
Values		Channe	0%		Channel		43 Char	nel	44	Channel	on:	45 Channe			Channel	47 Channel		45 Chann	el os	49	Channel	0%	Chann	el 0%	$\sim$		
Buttons		Channe	0%	52	Channel		53 Char	inel (	54	Channel	0%	ss Channe		56	Channel	57 Channel		sa Chann	el 0%	59		64	, ,				
Cuelist Directory	61	Channe		62	Channel		63 Char	nnel (	64 7%	Channel	0%	65 Channe		66	Channel	67 Channel		68 Chann	el 0%	69					2		
Status		Channe			Channel		73 Char	nnel (	74	Channel		75 Channe			Channel	77 Channel		78 Chann	el 0%	79				-	4		
Previous Screen	81	Channe		82	Channel		83 Char	nel	84 7%	Channel	075	ts Channe		86	Channel	67 Channel		88 Chann	el 075	89	-			1		1	
Fixture Control	Ire Cente	Channe		92	Channel		93 Char	nel	94 75	Channel	0%	95 Channe		96	Channel	57 Channel		ss Chann	el oti	99	-		T	0	13	Y	
	Fixtu								G	TOUIDS		Masks			Auto		ITes		Select	ed							
FREE																l											
1 Recorded with	2			3			4			5		6			7	8		9			10		11	1		12 14	
<b>SCRIENTAGE</b>	9.03	10.21	tn	e	t, ar	nc	l ch	lec	ck	to s	e	e tha	at	D	MX	s bei	ng	j ou	tpi	ut.			T		-	i d	

How to USE MA	ARTIN M-PC	with ANY U	SB-to-DMX IN	TERFACE				-0-0- 0-		0 🔺
Program	View	$\begin{array}{cc} \leftarrow & \rightarrow \\ {}_{Last} & Next \end{array}$	HighLight Slice	Grouping	Deselect Reselect	t Select All		119 Channel - 0%	Fixtures	
Presets	1 Channel 01	2 Channel N 01	3 Channel 0%	4 Channel 0%	S Ghannel Official	Channel 0%	Channel 0%	Channel Channel	10 Channel 0%	
Fixture Center	11 Channel 01	12 Channel	13 Channel 0%	14 Channel 0%	15 1 Channel 0%	6 17 Channel 0%	Channel 0%	Channel Channel 0% 01	20 Channel 6 0%	
FX	Channel 01	Channel	Channel 0%	Channel 0%	Channel 0%	Channel	Channel 0%	Channel 0% Channel 0% 0	Channel 0%	
Cuelist	Channel 07	Channel	Channel	Channel 0%	Channel 0%	Channel	Channel 0%	Channel Channel 0% 01	Channel 0%	
Values	Channel of	Channel	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel Channel 0% 0	Channel	
Buttons	Channel 01	Channel	Channel os	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel 0%		
Directory	Channel 01	Channel 5 01	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel 0%	R	
Status	Channel of	Channel N 03	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel ox	-	
Previous Screen	Channel 01	Channel % 01	Channel 0%	Channel 0%	Channel 0%	Channel 0% 6 97	Channel 0%	Channel 0%		
Fixture Control	Channel	Channel % 05	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel 0%	Channel 0%		
FREE SELECT FDC				Groups	Masks	Auto 🖉	Fixtures	Selected		$\uparrow$
1 1 efficient with			4		6		8	9 10	11 12	
9 I ura (		net, an	d check	< to se	e that I	OMX is	being	output.	-	\$

Теперь, переходим к иконке «Fixture center», внизу выбираем опцию «Fixtures» - «Select all».

How to USE M	ARTIN M-PC	with ANY US	B-to-DMX IN	TERFACE					
Program	View	$\begin{array}{cc} \leftarrow & \rightarrow \\ & \text{Last} & \text{Next} \end{array}$	HighLight Slice	Grouping	Deselect Reselect	Select All	11	9 Channel - 86%	र्ट्ट्रे Fixtures
Presets	1 Channel	2 Channel	3 Channel	Channel 515	S Channel 5135	Channel C	Channel Cha	annel Channel	10 Channel 575.
Fixture Center	Channel	12 Channel	Channel	Channel	15 10 Channel 51%	Channel 0	Channel Chu 51%	annel Channel	Channel 83%
FX	Channel 841	Channel BIN 32	Channel 515 33 3	Channel 51%	Channel SIN 35 36	Channel C	Channel Cha	annel Channel	Channel Channel Channel
Cuelist Valuer	Channel 841	Channel 945	Channel MN 43 4	Channel 515	Channel 515 45 46	Channel C 51%	Channel Cha SEN 48	fixture si loose	s' DMX In port was otherwise this method
Playback	Channel 51	Channel MS 52	Channel 53 54	Channel SIN	Channel SIN 55 56	Channel C 53% 57	Channel Chu SUN S8	annel sex Shoul	d work flawlessly)
	61 Channel	Channel NS	Channel 31% 63 6	Channel	Channel 55 66	Channel C 56%	Channel Cha MN 68	annel SIS 69	-
Directory	Channel 11 71 Channel	Channel 315	Channel 315 73 74 Channel	Channel 50%	Channel IIN 75 76 Channel	Channel C 515 77 Channel C	Thannel Chi MN 78 Thannel Chi	annel 805 75	E.S
Previous	81 Channel	E2 Channel	53 Channel	Channel	55 86 Channel	Channel C	Bill Channel Cha	45% 83 snnel	a a
Screen	91 Channel	92 Channel	93 Channel	SIN Channel	55 96 Channel	51% S7 Channel C	98 Channel Chu	85% annel 99	T
Control		915	ans MTR a	irouns	Masks c	Auto Co	Estures	Selected	100
FREE SELECT FD								I A Intensity [86%]	↑
1 1 Recorded with	2	3	4	5	6	7	8	9 10	11 12 13 14
SCREENCAST (	9:25/10:21								

Теперь мы можем управлять подключенными приборами.