How to install the firmware rewrite tool

Introduction

1 The copyright of this software belongs to ACUVANCE Corporation.

② We are not responsible for any liability for any accidental, consequential or indirect damages (including PC breakage) including the loss of data at the time of using this software.

③ This software is an update tool dedicated to ACUVANCE brushless system. It's not compatible with other companies' products.

This product is Windows application only.

(Compatible OS) Windows XP / Vista / 7 / 8 / 8.1 / 10 / 11 32 bit and 64 bit

How to install

I Download the rewriting tool setup file from the ACUVANCE home page

I -① Download the rewriting tool from our homepage (Download is free of charge)

Acuvance Update Tool	Ver.1.0.6	(Release Date, March 18, 2020)	UPDATE TOOL	Download
				Click
-② Click Open file	e (O).			
cuvance.co.jp	_update_tool.zip	(6.98 MB) を開くか、または保存しますか?	· Click	
			ファイルを開く(<u>0</u>) 例	採存(S) ▼ キャンセル(C)

I - $\$ If you have [ACUVANCE Update Tool.exe] in the opened folder, download of the setup file is complete. Continue the installation steps.

I Install rewriting tool on PC.

 ${\rm I\!I}$ -① Double-click [ACUVANCE Update Tool.exe] downloaded in ${\rm I}$ - ③.

 ${\rm I\!I}$ -2 In the "User Account Control" window, click "Yes" if the message "Do you want to allow the program from the following unknown publisher to change to the computer?".

 ${\rm I\!I}$ -3 Follow the setup screen and click on the red frame icon below to install.





X

Browse...

Device Driver Installation Wizard

Setup - Acuvance Update Tool

Select Destination Location

Where should Acuvance Update Tool be installed?

Setup will install Acuvance Update Tool into the following folder

To continue, click Next, If you would like to select a different folder, click Browse

date Tool



Installation of the rewriting tool for XARVIS \cdot AIRIA \cdot Ne-St is complete.

 $\ensuremath{\mathbbmm{ \sc mm}}$ The following icons are created on the desktop.







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TAOⅢ and enjoy the	

ACUVANCE SAM

*Please install the common rewriting tool in advance. *Please prepare Update Device Kit III (OP-15083) or II (OP-15064) separately How to update XARVIS XX

Preparation

場所: acuvance.co.i

I Download the firmware for XARVIS XX from the homepage

I - 1 Click the Download Firmware for XARVIS XX button on the XARVIS XX product page on our homepage. ((Download is free))

0A.0B.02.00	Ver.1.0	(Release Date, December 27, 2019)	Download

I -3 If there is [[Ver. \bigcirc . \bigcirc] 0A.0B. \bigcirc .00.kyc] in the opened folder, the firmware

file download is complete. This file will be used in the later process (Ⅲ-②), so please

I Confirm whether the PC recognizes the USB

II-① Double-click the icon of the rewriting tool for XARVIS · AIRIA

Click

開く

recognized the USB adapter properly.

II-④ If "USB adapter connection status"

switches from red to green, the PC has

Now you are ready to update. Please continue to III-①.

Acuvance Update Tool V1.0.

Device S/W Version

Connection Status USB Adapter State

Device State

- Device Selection • ESC

TAOIII

Connect your Device to USB adaptor, Red signal change to Green

Ne-St / S.BUS

Update Transferring.. 100%

Update XARVIS XX

III Update XARVIS XX

Be sure to remove the battery from the XARVIS XX when updating

II-(1) Update starts from the state of II-(4). First, connect the USB adapter (C) and the LINK terminal of XARVIS XX with an RX cable (RX cable for XARVIS XX, etc.).



III-2 When the XARVIS XX is connected and the PC recognizes the XARVIS XX normally, the "Software Version" shows the firmware currently installed in the XARVIS XX, and the "Device Connection Status" switches from red to green. (If it does not switch, repeat connecting and disconnecting the RX cable until it switches.)

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5064) separately.
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This completes the update. Remove the cable
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II-② In the device selection, select (click) ESC.

Ne-St and start the rewriting tool.

xarvis-xx ver.1.0.zip (18.4 KB) について行う操作を選んでください。

check the storage location (desktop, etc.).



保存 へ キャンセル ×

I-3 Connect the PC (A) and the USB adapter (C) using the USB cable (B) of the update device kit.



If the installation of the device driver does not complete normally, please refer to the following solution.

"How to deal with when the USB adapter does not start properly (the LED does not change from red to green) only after downloading Tachyon Tao exclusive update tool and Tachyon Airier exclusive update tool (PDF)"

"What to do when" USB adapter connection status "does not change from red to green using Windows 8 or later PC"(The PDF file is in the rewriting tool download page)

Preparation

08.00.82.00

rewrite tool.

You can also update the S.BUS LINK adapter (OP-15127) and the [SBM-1] attached to the FUTABA ESC "MC9700

How to update the S.BUS adapter (OP-15067)

%Please prepare the update device kit III (OP-15083) or II (OP-15064) and the con



USB Adapter State

The software update is ready. Press the Update button.

Device State

Update



hed to the FUTABA ESC "MC970CR/MC971CR" using the same procedure as below.
183) or II (OP-15064) and the conversion cable for updating the S.BUS adapter (OP-
-3 Click the firmware downloaded in I to select it, and then click "Open".
I-④ The update will start and the percentage count will start to
I-③ When it reaches 100 percent, the software version display will be pdated.
Connection Status Device link USB Adapter State Update Device State Update
his completes the update. Remove the S.BUS dapter from the cable and enjoy the latest

How to update of XARVIS * Please finish installing the rewriting tool for

Preparation

I Download XARVIS firmware from the website

I - 1) Click on the download icon of "firmware for XARVIS" in our website, [product update]. (Download is free of charge)

• For XARVIS							Click
0A.00.F0.11	Ver.3.0	(Release Date, April 11, 2	018)			Downlo	oad
I -2 Click O	pen file (O).		Click	<			
acuvance.co.jp から xa	arvis_ver.3.0.zip (17.9 K	B) を開くか、または保存しますか?	זכ	アイルを開く(<u>0</u>)	保存(<u>S</u>)	 +ャンセノ 	ι <mark>ν(<u>c</u>)</mark>

I -3 If [XARVIS Ver. \bigcirc . \bigcirc . Kyc] is found in the opened folder, downloading of the firmware file is completed. Since this file is used in the later process (${\rm I\!I}$ - ${\rm (2)}),$ please check the storage location (desktop etc).

I Confirm whether the PC recognizes the USB adapt

II-1 Double-click the icon of the rewriting tool for XARVIS Ne-St and start the rewriting tool.

USB adapt	er.
5 · AIRIA ·	Acuvance Update Tool
	Tool

I -② In the device selection, select	
(click) ESC.	



II-③ Connect the PC (A) and the USB adapter (C) using the USB cable (B) of the update device kit.



If the installation of the device driver does not complete normally, please refer to the following solution.

"How to deal with when the USB adapter does not start properly (the LED does not change from red to green) only after downloading Tachyon Tao exclusive update tool and Tachyon Airier exclusive update tool (PDF)"

"What to do when" USB adapter connection status "does not change from red to green using Windows 8 or later PC"(The PDF file is in the rewriting tool download page)

	🙆 Acuvance Update Tool V1.0.7 - 🗆 🗙	III 🔿 Clief, the firmulate downloads double. The scale is a statistical weather that the
If "USB adapter connection status"	Device Selection	III-3) Click the firmware downloaded with 1 to make it selected, and click "Open".
hes from red to green, the PC has		
inized the USB adapter properly.	Connection Status	← → × ↑ → PC > デスクトップ > xarvis ver.3.0 v で xarvis ver.3.0の検索 の
	USB Adapter State Update	整理 マ 新しいフォルダー 目目 マ □□ ②
	Device State	名前 夏新日時 種類
	Connect your Device to USB adaptor, Red signal change to Green.	> ★ 0199 アクセス □ XARVIS Ver.3.0.kyc 2018/03/12 14:41 KYC ファイル
s completes preparation fo	or updating. Continue to II - ①.	< >>
		ファイル名(N): *.kyc ~ config Files (*.kyc) ~
lating XARVIS		Click ② 聞く(①) キャンセル
Indating VAD//IS		
Be sure to remove the battery f	from the XARVIS when updating	
	XARVIB(ジャービス) 本体	
Let's start updating from the state of	I - ④. First, connect	
SB adapter (C) and XARVIS's LINK ter	rminal with the RX	
(RX cable for XARVIS / AIRIA).		III- (4) The update starts and the percentage count up starts.
his time, please never connect the ba	attery to XARVIS.	🔟 Acuvance Update Tool V1.0.7 — 👘 🗙
(A)		Device S/W Version
	(C)	
		C TAOIII
		Connection Status Device link
	000,777	USB Adapter State
		Device State Transferring 17%
When XARVIS is connected and the F	PC recognizes XARVIS correctly,	
ware installed currently in XARVIS is a	displayed in" software version "and" main	Transferring
connection status "switches from red t	to green. (If it doesn't switch, repeat	
ing and unplugging of the RX cable u	intil it switches.)	
click "Start".		III-④ When it reaches 100%, "Update success" is displayed and the software version
click "Start".	×	III -④ When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete.
Click "Start".	- 0 ×	III - ④ When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III - ④ Acuvare Update Tool V1.0.7 - □ ×
Click "Start".	evice Selection	III-④ When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete.
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click "Start".	evice Selection • ESC • Ne-St / S.BUS • TAOIII Device link Update Update	III-④ When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III-④ When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III-④ Update Tool V1.0.7 III-⑥ Update Tool V1.0.7 IIII IIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
click "Start".	evice Selection • ESC • Ne-St / S.BUS • TAOIII Device link Update Update s the Update button	III-④ When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III-④ When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
click "Start".	evice Selection • ESC • Ne-St / S.BUS • TAOIII Device link Update Update s the Update button	III- When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III- When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III- When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III- When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete selection III- When it reaches 200 Version III- When it rea
click "Start".	evice Selection • ESC • Ne-St / S.BUS • TAOIII Device link Update Update ss the Update button	III- (*) When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III-(*) When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III-(*) When it reaches 100%, "Update success" is displayed and the software version display is updated. XARVIS update is complete. III-(*) When it reaches 100%, "Update is complete. III-(*) When it reaches the update. III-(*) When it reaches the update. Remove XARVIS from the cable and please enjoy the latest

How to update of Ne-St *Please finish installing the rewriting tool for XARVIS · AIRIA · Ne-St in advance ** Please separately prepare the update device kit (OP - 87052 or OP - 1

Preparation

I Download Ne-St firmware from the website

I -① Click on the download icon of "firmware for Ne-St" in our website, [product update]. (Download is free of charge)

							Clic	k
0B.10.F1.02	Ver,2.0	(Release Date, February 2, 20)18)	Ne	:-St	٥	Download	Ì
I - ② Click ()pen file (O)			Cli	ick			
acuvance.co.jp /	്റ ne-st ver.02.zip) (6.64 KB) を開くか、または保存しますか?	ファイルを	開<(0)	保存(S)	•	キャンセル(C)	

I -3 If [Ne-St_Ver. O.upd] is found in the opened folder, downloading of the firmware file is completed. Since this file is used in the later process (\mathbb{II} - (2)), please check the storage location (desktop etc).

Acuva

Dev

I Confirm whether the PC recognizes the USB adapter.

II-① Double-click the icon of the rewriting tool for XARVIS \cdot AIRIA \cdot Ne-St and start the rewriting tool.

II-2 Click on Ne-St of DEVICE Selection.

			Tool	
ce Update Tool V1.0.7		-	'n	×
9 S/W Version	C ESC C Ne-St / S.BUS C TAOIII	ACUVANCE		
USB Adapter State Device State		Jpdate		

II-③ Connect the PC (A) and the USB adapter (C) using the USB cable (B) of the update device kit.



If the installation of the device driver does not complete normally, please refer to the following solution.

"How to deal with when the USB adapter does not start properly (the LED does not change from red to green) only after downloading Tachyon Tao exclusive update tool and Tachyon Airier exclusive update tool (PDF)"

"What to do when" USB adapter connection status "does not change from red to green using Windows 8 or later PC" (The PDF file is in the rewriting tool download page)



The software update is ready. Press the Update button.

Device State

The software update is ready. Pr

This completes the update. Remove the Ne-St from the latest setting.

5064)
with I to make it selected, and click "Open".
 * * * * * * * * * * * * * * * * * * *
* 更新日時 種類 サイズ 2019/01/15 14:02 UPD フェイル 14/99
(update Hiles (*-upd) (*ロック) (キャンセル (*********************************
age count up starts.
- 10 ×
Device Selection
• Ne-St/S.BUS
СТАОШ
Device link
Update
Transferring 27%
re version display is updated.
Device link
ess the Update button
cable and please enjoy the
cable and please enjoy the

How to update of AIRIA *Please finish installing the rewriting tool for

Preparation

I Download AIRIA firmware from the website

I -1 Click on the download icon of "firmware for AIRIA" in our website, [product update]. (Download is free of charge)

B10f016.kyc(08.10.F0.16)	Ver.4.3	(Release Date, August 9, 2016)	TACHYRD Download
			1



ファイルを開く(<u>O</u>) 保存(<u>S</u>) ▼ キャンセル(<u>C</u>) acuvance.co.jp から b10f016.zip (17.1 KB) を開くか、または保存しますか?

I-3 If [B10f000.kyc] is found in the opened folder, downloading of the firmware file is completed. Since this file is used in the later process (${\rm I\!I}$ - ${\rm (2)}),$ please check the storage location (desktop etc).

I Confirm whether the PC recognizes the USB adapter.

II-1) Double-click the icon of the rewriting tool for XARVIS \cdot AIRIA \cdot Ne-St and start the rewriting tool.



Select device, and connect your USB adapter to PC, Red signal change to

Ls

Click

II-② Click on XARVIS / AIRIA of DEVICE Selection.

II-③ Connect the PC (A) and the USB adapter (C) using the USB cable (B) of the update device kit.



If the installation of the device driver does not complete normally, please refer to the following solution.

"How to deal with when the USB adapter does not start properly (the LED does not change from red to green) only after downloading Tachyon Tao exclusive update tool and Tachyon Airier exclusive update tool (PDF)"

"What to do when" USB adapter connection status "does not change from red to green using Windows 8 or later PC" (The PDF file is in the rewriting tool download page)

VIS \cdot AIRIA \cdot Ne-St in advance (Updates are still available as before with the old rewrite to	I [Update - 8051])
II - ④ If "USB adapter connection status" switches from red to green, the PC has recognized the USB adapter properly.	■-③ Click the firmware downloaded with I to make it selected, and click "Open".
This completes preparation for updating. Continue to ${\rm I\!I}$ - ${\rm I}$.	⇒ ライブラリ
Updating AIRIA	ファイル名(M): B107016.kyc ・ config Files (*.kyc) ・ Click ② 瞬く(0) ・ キャンセル
III Updating AIRIA	
II -① Let's start updating from the state of II - ④. First, connect the USB adapter (C) and AIRIA's RX terminal with the RX cable (RX cable for XARVIS / AIRIA).	Click "OK"
(A) (B) (C) (C) USB $r = - \overline{7} \mu$ USB $r = \overline{7} \overline{7} \overline{7} \overline{7}$	Device S/W Version 0B.10.81.21 Connection Status USB State Device State Device link Update Transferring30%
II -② When AIRIA is connected and the PC recognizes AIRIA correctly, "firmware installed currently in AIRIA is displayed in" software version "and" main unit connection status "switches from red to green. (If it doesn't switch, repeat plugging and unplugging of the RX cable until it switches.) Then click "Start".	Under updating
✓ Update Routine - X	II-4 When it reaches 100%, "Update success" is displayed and the software version display is updated. AIRIA update is complete.
Device S/W Version 0B.10.81.21 0B.10.81.21 DEVICE Selection © Xarvis/AIRIA © Ne-St	Device S/W Version 0B.10.F0.16 CNe-St
Connection Status Device link Click Update	Connection Status USB State UDdate Update Updated successfully!
Device State Updated successfully!	You can update the firmware. Please click Start button.
You can update the firmware. Please click Start button.	This completes the update. Remove AIRIA from the cable and please enjoy the latest performance.