



I + ME ACTIA Informatik und Mikro-Elektronik GmbH Dresdenstr. 17/18 D-38124 Braunschweig Germany Tel.: ++ 49 (0) 531 38701-0 Fax: ++ 49 (0) 531 38701-88 www.ime-actia.com



Installation

PassThru+ XS 2G (Bluetooth)





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1. GENERAL

This document has the intention to describe how to use the PassThru+ XS 2G (Bluetooth) devices from I+ME Actia GmbH. At first the pairing process of the Bluetooth device will be explained.

The pairing process will be shown on a Microsoft Bluetooth Stack which is integrated in Windows XP with Service Pack 2. If you have to use a Widcomm Bluetooth Stack, the pairing process will be similar.



2.



If you want to reproduce the scenario of this document you have to use the following components:

- 1. PassThru+ XS 2G (Bluetooth)
- 2. Developer or Workshop version of the PassThru API
- 3. A third party Bluetooth Dongle which uses Microsoft Bluetooth Stack
- 4. Windows XP SP2 (because it has the Microsoft Bluetooth Stack integrated)

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It will be assumed that you have already installed the third party Bluetooth Dongle and that you have also installed the PassThru API. Furthermore the PassThru+ XS 2G (Bluetooth) device is powered and the distance between dongle and device is not out of range.

The following Bluetooth USB adapters have been tested with good results:

- ANYCOM USB-250 Bluetooth USB adapter (Windows stack)
- Sitecom Bluetooth 2.0 USB adapter (Windows stack)
- GIGABYTE GN-BT03D Bluetooth V2.0 dongle (Windows stack)



3. INSTALLATION

3.1 DEVICE DETECTION

luetooti	n Device	s		
Devices	Options	COM Ports Hard	lware	
Ad	d] [Remove		Properties
	Qe			
		ОК	Cancel	Apply

Add a new device.







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Click on the item to select it. Click Next-Button. **ACTIA**®

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3.2 PARING PROCESS

a Bluetooth Device Wizard		
Do you need a passkey to add your device?		*
To answer this question, refer to the "Bluetooth" sectio your device. If the documentation specifies a passkey,	n of the documentat use that one.	ion that came with
O Choose a passkey for me		
⊙ Use the passkey found in the documentation:	ACTIA	
O Let me choose my own passkey:		
O Don't use a passkey		
You should always use a <u>passkey</u> , unless your dev recommend using a passkey that is 8 to 16 digits lo more secure it will be.	ice does not suppor ng. The longer the p	t one. We basskey, the
	Back Next	Cancel

Select 'Use the passkey found in the documentation'. Enter the passkey 'ACTIA'. Click Next-Button.

Windows is exchanging passkeys. When instructed below, enter the passkey using your Bluetooth device. For more information about entering a passkey, see the documentation that came with your device. Connecting Please enter the passkey on your Bluetooth device now. Passkey: ACTIA Installing Bluetooth device Connection will be established. e passkey will be exchanged e device will be installed.	d Bluetooth De	vice Wizard	
When instructed below, enter the passkey using your Bluetooth device. For more information about entering a passkey, see the documentation that came with your device. Connecting Please enter the passkey on your Bluetooth device now. Passkey: ACTIA Installing Bluetooth device Connection will be established. e passkey will be exchanged e device will be installed.	Windows is exc	hanging passkeys.	8
For more information about entering a passkey, see the documentation that came with your device.	When instructed b	elow, enter the passkey using your Bluetooth device.	
 Connecting Please enter the passkey on your Bluetooth device now. Passkey: ACTIA Installing Bluetooth device Connection will be established. e passkey will be exchanged e device will be installed. 	For more informatic device.	in about entering a passkey, see the documentation that came with your	
 Please enter the passkey on your Bluetooth device now. Passkey: ACTIA Installing Bluetooth device (< Back Next > Cancel Connection will be established. passkey will be exchanged device will be installed. 	✓ Connecting		
Passkey: ACTIA Installing Bluetooth device Back Next> Cance Connection will be established. e passkey will be exchanged e device will be installed.	✓ Please enter the second	ie passkey on your Bluetooth device now.	
Installing Bluetooth device < Back	Passkey:	ACTIA	
Connection will be established. e passkey will be exchanged e device will be installed.	Installing Blue	Jetooth device	
Connection will be established. e passkey will be exchanged e device will be installed.		< Back Next > Cance	al
e passkey will be exchanged e device will be installed.	Connection v	vill be established.	
e device will be installed.	e passkey w	ill be exchanged	
	e device will	be installed.	

Add Bluetooth Device Wi	zard
®	Completing the Add Bluetooth Device Wizard
\mathbf{v}	The Bluetooth device was successfully connected to your computer. Your computer and the device can communica whenever they are near each other.
	These are the COM (serial) ports assigned to your device.
	Outgoing COM port: COM15
	Incoming COM port: COM16
	Learn more about <u>Bluetooth COM ports</u> .
	To close this wizard, click Finish

The Outgoing COM port will be the COM port which we have to use for further communication to that device. Click the Finish-Button.

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4. ESTABLISH A CONNECTION

4.1 CONFIGURE THE PASSTHRU+ XS (BLUETOOTH) DEVICE

- Folder of Pass Thru Files
 - () Getting Started with I+ME XS Pass Thru
 - I+ME XS PassThru on the Web
 - 🕺 Pass Thru Copfigurator
 - Application
 - 📩 Pass Thru+ USB Support
 - Pass Thru+XS Flash Tool
 - KCSI Release Licence Tool

Launch the "Pass Thru Configurator" from Windows Start Menu.

📲 I+ME Pass Thru Configurator	×
Device : I+ME ACTIA - PassThru+ XS 2G (Bluetooth) I+ME ACTIA - Lite XS I+ME ACTIA - PassThru+ XS I+ME ACTIA - PassThru+ XS (Bluetooth) COM P I+ME ACTIA - PassThru+ XS 2G (Bluetooth) COM15 I+ME ACTIA - PassThru+ XS 2G (Bluetooth) COM15 Serial Communication Normal Mode Safe Mode Bluetooth	
Apply OK Cancel	

Select the 'I+ME ACTIA – PassThru+ XS (Bluetooth)' device. Then, select the previously discovered Outgoing Bluetooth COM port. Click the Ok-Button. Configuration has been finished.

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The device is connected to the car and is powered via OBD-connector. Start the "Pass Thru Checker" from the Windows Start menu.

Ka S∎	¹ PassThru Ch	ecker			
	Protocol J1850 PWM J1850 VPW IS09141 IS014230 Fast In IS014230 IS015765 IS015765 29 Bit	I+ME ACTIA - I+ME ACTIA - No No No	PassThru+> Basic XS CAT Lite XS PassThru+> PassThru+> PassThru+> 0 0 0	<s (bluetooth<br="" 2g=""><s (S (Bluetooth) <s 2g<br="">(S 2G (Bluetooth</s></s </s>	ı) –
	scan protocols			Cancel	OK

Select the 'I+ME ACTIA – PassThru+ XS (Bluetooth)' device.

Click the "scan protocols" Button. Now the protocols are scanned to detect a ECU.

Ka Si	PassThru Checker	,					
	Device JI+ME	ACTIA - Pas	sThru+ XS 2	2G (Bluetooth)	*		
	Protocol	Found	ECUs				
	J1850 PWM J1850 VPW IS09141 IS014230 Fast Init IS014230 IS015765 IS015765 29 Bit	No No No No Yes No	0 0 0 0 1 0				
ISO15765 29 Bit							
	scan protocols			Cancel	OK		

One ECU has been detected. The connection is o.k.

The "Pass Thru Checker" is a fast test, which doesn't cover all possible configurations of ECU. That means, that the connection may be working correctly, even if no ECU is detected.

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