File : User guide keyboard emulator

Version : V1.3



|User guide Keyboard |emulator

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1 Révision

Description	Date	Version	Auteur	Check
First release	2020/11/12	1.0	CLO	YDA
			YDA	
Update/Corrections	2020/11/13	1.2	YDA	CLO
Update/Corrections	2020/11/13	1.3	CLO	ACA

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1. Introduction

Keyboard emulation allows data to be seen directly in a text field.

Our devices are available with keyboard emulation for 2D and/or UHF scanning. They allow keyboard emulation when reading UHF tags or 2D barcodes (depending on the initial configuration of the device: AZERTY or QWERTY).

<u>Note:</u> The NFC function works by inductance and therefore by detection of an NFC tag provided that the NFC function is activated in the parameters. For this reason, this function cannot be configured with keyboard emulation.

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2 Applicable devices

The devices available with keyboard emulation are as follows:

	Keyboard emulation		
	UHF	2D	
MBA5-P21		X	
MBA5-P22		X	
MBA5-P23	X	X	
MBA5-P31		X	
MBA5-P33	X	X	
ATX-800 V9	X	X	
MBS		X	

3 Buttons keycodes

The button codes of each device for keyboard emulation are defined as follows:

3.1.1 MBA5 V8

	Keycode Buttons		
	139	293	
	Side SCAN buttons	Trigger Button	
	SCAN		
MBA5-P21 V8	X		
MBA5-P22 V8	X	X	
MBA5-P23 V8	X	X	
MBA5-P31 V8	X		
MBA5-P33 V8	X		

3.1.2 ATX-800 V9



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3.1.3 MBS

Keycode Buttons					
291	293	294			
Left SCAN Button	Right SCAN Button	Trigger Button*			
(-1+)	PTT -				

*If you have the Gun MBS accessory.

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4 Activating keyboard emulation

- 1.1. Activating keyboard emulation for 2D
- 1) Once your device is turned on, start the "Keyboard Emulator" application.
- 2) Select "Barcode2D" and place the cursor in one of the Keycode fields.

A 7	* 🛛 🛔	1:08
🌆 keyboardemulato	r	÷
Function AppSettings	2DSettings Te	est
Enable Scanner	OFF	
Barcode	KeyCode	
Barcode1D		
Barcode2D	·	
RFID	KeyCode	
14443A		
15693		
UHF	KeyCode	
	L L	
LF	KeyCode	
DCard		
Animal		
🗌 HiTag		
	139	

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3) Press the button (side scans or trigger) you want to use to activate this function.



A value is then displayed in one of the Keycode fields.

?			* 🖹 🛔 1:07		
🚟 keyboardemulator					
	•	Ð			
Function A	ppSettings	2DSetting	s Test		
Enable Scanne	er		OFF		
Barcode		Ke	eyCode		
Barcode1)	120	_		
Sarcode2)	139			
RFID		Ke	eyCode		
14443A			100		
15693			139		
UHF		Ke	eyCode		
🗹 UHF		293	293		
LF		Ke	eyCode		
IDCard					
Animal					
HiTag					
HDX			139		
\bigtriangledown	С)			

For the list of Keycodes of the buttons of each device for keyboard emulation, refer to 2.2 Button codes.

4) Switch " Enable Scanner " to " On ".



?	* 🗷 🛔	1:07			*	🖹 📕 1:16
🌆 keyboardemulator			🎹 keybo	ardemulator		
Function AppSettings	2DSettings Tes	st	Function	O AppSettings	ر 2DSettings	III Test
Enable Scanner	OFF		Enable Scar	nner		ON
Barcode	KeyCode		Barcode		KeyC	ode
Barcode1D	139		Barcode	e1D e2D	139	139
RFID	KeyCode		RFID		KeyC	ode
14443A15693	139		14443A 15693			
UHF	KeyCode		UHF		KeyC	ode
IHF	293 293		UHF		293	293
LF	KeyCode		LF		KeyC	ode
DCard			IDCard			
Animal			Animal			
🗌 HiTag			HiTag			
☐ HDX	139		HDX		13	9
< C				⊲ C		

5) You can now read 1D/2D barcodes by pressing the set button. The information of the barcode will be written directly into the selected text field (Excel spreadsheet, text file, field in an application...).





a. Activating keyboard emulation for UHF

- 1) Once your device is turned on, start the "Keyboard Emulator" application.
- 2) Select "UHF" and place the cursor in one of the Keycode fields.



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3) Press the button (side scans or trigger) you want to use to activate this function.



A value is then displayed in one of the Keycode fields.

?	*	1:07			
🚻 keyboardemulator					
📕 🔅	Ð				
Function AppSettings	2DSettings	Test			
Enable Scanner	C	DFF			
Barcode	KeyCo	ode			
Barcode1D	100				
🗹 Barcode2D	139				
RFID	KeyCo	ode			
14443A	10	100			
15693	13	9			
UHF	KeyCo	ode			
✓ UHF	293	293			
LF	KeyCo	ode			
IDCard					
Animal					
HiTag					
HDX	13	9			
\bigtriangledown	0 🗆				

For the list of Keycodes of the buttons of each device for keyboard emulation, refer to 2.2 Button codes.



4) Switch " Enable Scanner " to " On ".

?	* 🖹 🛔 1:07	 \ ?	* 🖹 🛔 1
🎹 keyboardemulator		🚟 keyboarde	mulator
Function AppSettings	2DSettings Test	Function App	🔅 🧞 🗐 Settings 2DSettings Tes
Enable Scanner	OFF	Enable Scanner	
Barcode	KeyCode	Barcode	KeyCode
☐ Barcode1D ✓ Barcode2D	139	☐ Barcode1D ✓ Barcode2D	139 139
RFID	KeyCode	RFID	KeyCode
14443A15693	139	14443A15693	
UHF	KeyCode	UHF	KeyCode
IHF	293 293	UHF	293 293
LF	KeyCode	LF	KeyCode
IDCard		IDCard	
Animal		Animal	
HiTag		HiTag	
HDX	139	HDX	139
< C		\bigtriangledown	0 🗆

5) You can now read 1D/2D barcodes by pressing the set button. The information of the barcode will be written directly into the selected text field (Excel spreadsheet, text file, field in an application...).

------ END ------