Installing the USB Swipe & Insert Reader Demo Program (MagTek USB MSR Demo)

These instructions are on how to download and install the USB MSR Demo program to configure most MSR's.

- Go to this link and click on the Download link and follow the instructions below. <u>http://www.magtek.com/support/software/demo_programs/usb_swipe_insert.asp</u>
- 2. Click on the <u>R</u>un button.

File Download - Security Warning		
Do you want to run or save this file?		
	Name: 99510026.exe Type: Application, 10.3MB From: www.magtek.com <u>R</u> un <u>S</u> ave Cancel	
۲	While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?	

3. Download status window.



4. Click on the <u>Run</u> button.



5. Click on the <u>R</u>un button.



6. Installation status window.

InstallShield Wizard		
	Preparing to Install	
O	MagTek USBMSR Demo Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.	
	Extracting: ISSetup.dll	
	Cancel	

7. Click on the Next> button.

MagTek USBMSR Demo, Rev: 2.00		
	Welcome to the InstallShield Wizard for MagTek USBMSR Demo The InstallShield Wizard will install MagTek USBMSR Demo on your computer. To continue, click Next.	
< <u>₿</u> ack Next> Cancel		

8. Do not make any changes and then click on the Next> button.



9. Click on the Install button.



10. Click on the Finish button to complete the installation of the Magtek USB MSR Demo program.

MagTek USBMSR Demo, Rev: 2.00		
	InstallShield Wizard Complete	
	Setup has finished installing MagTek USBMSR Demo on your computer.	
< <u>B</u> ack Finish Cancel		

- 11. Go to Start/Programs/Magtek and click on USB MSR Demo to start the Magtek program.
- 12. It will look like this picture below. Notice how it says "Detected HID Mode Device" at the bottom of this program? This just confirms the mode the device is currently in.

Eile Rescan Set SN Mode On Set Test On Font Help Swipe card Set Focus To Text After Command Response Send Message (Hex) Image: Auto Add Length Send Msg Load Frie Beload at stat? Load File Download Click Load File to load a command file Image: Decode 'DATA' As ASCII Clear After Read Clear After Read	🖵 USBMSR Demo 2.00 (© Copyright 2009 MagTek, Inc.)				
Swipe card Set Focus To Text After Command Response Send Message (Hex) Auto Add Length Send Msg Load Fine Beload at start? Load File Click Load File to load a command file Click Load File to load a command file Clear After Read Clear Dialog	<u>File R</u> escan Set <u>S</u> N Mode On Set Test <u>O</u> n <u>F</u> ont <u>H</u> elp				
Set Focus To Text After Command Response Send Message [Hex] ✓ Auto Add Length Send Msg Load From File Beload at start? Load File Download Click Load File to load a command file ✓ Decode 'DATA' As ASCI Clear After Read	Swipe card				
Send Message (Hex) Auto Add Length Send Msg Load Fine Beload at stat? Load File Click Load File to load a command file Clear DatA' As ASCII Clear After Read Clear Dialog	🔲 Set Focus To Text After Command Response				
V Auto Add Length Send Msg Load From File Beload at start? Load File Click Load File to load a command file V Decode 'DATA' As ASCII Clear After Read	Send Message (Hex)				
Send Msg Load From File Decode Total At start? Load File Download Click Load File to load a command file Decode 'DATA' As ASCII Clear After Read Clear Dialog	Auto Add Length				
Load From File Beload at start? Load File Click Load File to load a command file Decode 'DATA' As ASCII Clear After Read Clear Dialog	Send Msg				
Beload at stat? Load File Click Load File to load a command file Clear After Read Clear Dialog	Load From File				
Load File Download Click Load File to load a command file Clear After Read Clear Dialog	<u>R</u> eload at start?				
		Download			
Decode 'DATA' As ASCII Clear After Read Clear Dialog	Lick Load File to load a command file				
Clear After Read	Decode 'DATA' As ASCII				
	🔲 Clear After Read	Clear Dialog			
		A			
		-			
Detected HID Mode Device VID/PID = 0801/0002	Detected HID Mode Device	VID/PID = 0801/0002			

13. In the Yellow section of this program, click on the Load File and you will see a window open up similar to this one below. Double click on the "Change to Keyboard" document and it will automatically load onto the program.

M Open					x
Compute	er ► OS (C:) ► Program Files ► MagTek ► USBMSR ►	▼ 4 ₇	Search USBMSR		٩
Organize 🔻 New folde	er		== •		0
☆ Favorites	Name	Date modified	Туре	Size	
📃 Desktop	🐌 Source	3/7/2011 12:20 PM	File folder		
🗼 Downloads	Change To HID.txt	7/18/2005 12:02 PM	Text Document		1 KB
Recent Places	Change To Keyboard.txt	7/18/2005 12:02 PM	Text Document		1 KB
	English (United States) Keyboard Translation.txt	10/17/2007 9:54 AM	Text Document		5 KB
🥽 Libraries	Example Command File.txt	7/21/2005 10:03 AM	Text Document		1 KB
Documents	French (France) Keyboard Translation.txt	10/16/2007 12:25	Text Document		5 KB
J Music	German (Germany) Keyboard Translation.txt	10/16/2007 12:53	Text Document		5 KB
Pictures	Italian (Italy) Keyboard Translation.txt	10/16/2007 12:34	Text Document		5 KB
📑 Videos	Spanish (Spain) Keyboard Translation.txt	10/16/2007 3:29 PM	Text Document		5 KB
1單 Computer 역 Network					
	•				•
File name: Text (*.txt)					

14. It will look just like this picture below.

🖵 USBMSR Demo 2.00 (© Copyright 2009 MagTek, Inc.)				
<u>File R</u> escan Set <u>S</u> N Mode On Set Test <u>O</u> n <u>F</u> ont <u>H</u> elp				
Swipe card Set Focus To Text After Command Response Send Message (Hex) Auto Add Length Send Msg Load From File Beload at start? C:\Program_Files\MagTek\USBMSR\Ch	nange To Keyboard.txt			
Found 3 commands				
Decode 'DATA' As ASCII				
Clear After Read				
<pre>; change device to Keyboad Emulation Mode 01 10 01 ; keyboard mode 02 ; reset delay 4 ; wait for four seconds</pre>				
Detected HID Mode Device	VID/PID = 0801/0002			

15. Next just click on the Download button all the way to your right in the Yellow section and this will begin the programming portion of your device into Keyboard Mode. Notice in the picture below at the bottom of the program how it begins to search for a device while displaying "Please wait, trying to detect USB Device..." and Windows may also detect new hardware or device and will begin it's installation also.

🛂 USBMSR Demo 2.00 (© Copyright 2009 MagTek, Inc.)	. 🗆 🗙			
<u>F</u> ile <u>R</u> escan Set <u>S</u> N Mode On Set Test <u>O</u> n <u>F</u> ont <u>H</u> elp				
Attach Device Set Focus To Text After Command Response Send Message (Hex)				
Send Msg 02				
Load From File				
Load File C:\Program Files\MagTek\USBMSR\Change To Keyboard.txt Found 3 commands	Download			
✓ Decode 'DATA' As ASCII				
Clear After Read	Clear Dialog			
; change device to Keyboad Emulation Mode 01 10 01 ; keyboard mode 02 ; reset delay 4 ; wait for four seconds				
<pre>Request : CMND=01, LEN=02, DATA=10 01 () Response : RC=00, LEN=00, DATA= () Request : CMND=02, LEN=00, DATA= () Response : RC=00, LEN=00, DATA= () Delay : 2 seconds</pre>				
	-			
Please wait, trying to detecting USB Device				

16. Once Windows is finished notice at the bottom of this program how it now states "Detected Keyboard Mode Device", you have successfully converted your HID Mode Device into Keyboard Mode Device. Vice versa if you want to go the other way for Keyboard Mode to HID Mode.

🖵 USBMSR Demo 2.00 (© Copyright 2009 MagTek, Inc.)				
<u>F</u> ile <u>R</u> escan Set <u>S</u> N Mode On Set Test <u>O</u> n <u>F</u> ont <u>H</u> elp				
Swipe card Set Focus To Text After Command Response				
Auto Add Length				
Send Msg 02				
Load From File				
Load File C:\Program Files\MagTek\USBMSR\Ch	ange To Keyboard.txt Download			
Found 3 commands				
Decode 'DATA' As ASCII				
Clear After Read				
<pre>; change device to Keyboad Emulation Mode 01 10 01 ; keyboard mode 02 ; reset delay 4 ; wait for four seconds</pre>				
Request : CMND=01, LEN=02, DATA=10 01 () Response : RC=00, LEN=00, DATA= () Request : CMND=02, LEN=00, DATA= () Response : RC=00, LEN=00, DATA= () Delay : (waited 4 seconds) Finished downloading 				
	*			
Detected Keyboard Mode Device	VID/PID = 0801/0001			

17. If the reader does not seam to detect or work properly after these steps above, please disconnect the reader from your PC and wait 10 seconds and then reconnect so it detects the proper programming of this device. You can also test in Notepad or Word programs by swiping your CC into these programs for test purposes (**Keyboard Mode Only**). If it works there, then your device has been successfully converted to Keyboard mode. If it does not work in your program to charge CC's, you will have to contact that software or website vendor for further instructions on what their specifications are for a MSR and then you can contact Magtek's Support Team for further assistance in configuring your MSR to their specs.