Installation Instructions This is for the SIR-ALP1

Disclaimers:

- Modifying the radio may void any outstanding warranty it may have.
- This product is not affiliated with Sirius Satellite Radio in any way.
- There are no warranties expressed or implied by purchase of this product.
- All boards are tested and verified 100% before shipping.
- While every care has been taken to provide a quality product, I cannot guarantee the board to function correctly if installation is not done according to the instructions in this guide.
- I am not liable for misuse of this product. Misuse includes improper installation, damage to the board or radio while trying to install, and illegal use of the modified radio.

Tools needed:

- 1. Small Philips screwdriver (p1).
- 2. Elbow grease.
- 3. A double sided mirror.

Screws already removed to save me some time.



Using the small Philips screwdriver, remove the 7 screws in the SILVER case. (3 on each side, 1 on top)

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Separate the two sections (neat engineering huh?)

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Remove the top, and remove the pc board inside There are 4 screws that need to removed be removed.



Install the new board. Secure with same screws. (Look, I even put some in.)

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Begin assembling the radio...



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The left connector has analog audio on standard 1/8" (3.5mm) jack. A cable is provided. Also available on this same jack is *optical digital audio*; an adaptor is provided to allow use of standard Toslink cables.

The center connector is the power supply for the tuner. Center pin is positive.

The right connector is USB.

When the suspend signal is sent from the computer, the tuner will power off, and draw very little current, this is to prevent battery drain.

Supplied is a coax dc power plug. Use this in a CarPC environment. Again, center pin is the positive. Solder on 2 wires and connect center pin to 12VDC constant (yellow on standard PC power supplies). And the outer is of course ground (black on standard pc supplies).

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Installation Instructions Driver installation:

Connect USB cable to PC.



Select: Install from a list of specific location Click: Next

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💿 Sear	ch for the best driver in these locations.
Use path:	he check boxes below to limit or expand the default search, which includes local and removable media. The best driver found will be installed.
] Include this location in the search:
r	C:\MJS Sirius Interface Drivers Browse
🔘 Don'	search. I will choose the driver to install.
Choo the d	se this option to select the device driver from a list. Windows does not guarantee river you choose will be the best match for your hardware.

If your drivers are on your HD Set the location of the search. If your installing the Drivers from the CDROM supplied, check that box



Click: Continue Anyway (I can't afford Microsoft WHQL !) They are WHQL before I make the simple string name changes!

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Found New Hardware Wizard



Click: Finish (another device will automatically detect)



Click: Next

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1	The software you are installing for this hardware:
<u> </u>	MJS Sirius Interface 🛛 🍃
	has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>)
	Continuing your installation of this software may impai
	or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

Same as above, click: Continue Anyway



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My Sirius Communication soft will only supports Com1 – com9 (Yeah, I know...)

> So if I need to move com ports around (Who has more then 9 things?!) Use Device Manager. Windows Key - Break



Right Click: MJS Sirius Interface -> Properties

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General	100	OM11) Properti	es	? 🛛
in the second se	Port Settings Dri	ver Details		
Z	MJS Sirius Interfa	ce (COM11)		
	Device type:	Ports (COM & LP	T)	
	Manufacturer:	FTDI		
	Location:	on MJS Sirius Int	erface	
Devic	ce status			
This	device is working p	roperly.		~
lf yo start	u are having probler the troubleshooter.	ns with this device,	click Troubleshoot	to
		C	Troubleshoot.	
Device	usage:			
Use th	is device (enable)			*
			Οκ Γ	Cancel
		1		
	Select F	Port Set	tings ta	b.
MJS Siri	us interface (CO	M11)Propertie	es	2 🗙
General	Port Settings De	ver Details		
1				
	B	its per second 🛐	00	
	в	its per second 🕅 Data bits: 🛙	00	•
	B	its per second 🗱 Data bits: 🛛 Pasity: No	00 ne	•
	B	its per second 1000 Data bits 18 Pasity: No SQs bits 17	ne	•
	B	its per second 1990 Data bits 19 Panity No Sign bits 11 Flow control No	00 ne	•
	B	its per second 12 Data bits: 18 Panity: No SQs bits: 1 Flow control No Advanc	ne ne ed Restore	v v v Defaults

Click: Advanced

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Advanced Settings for COM11		? 🛛
COM Port Number: COM11 USB Transfer Sizes Select lower settings to correct performance problems at low I Select higher settings for faster performance. Receive (Bytes): 4096 Transmit (Bytes): 4096	baud rates.	OK Cancel Defaults
BM Options Select lower settings to correct response problems. Latency Timer (msec): 16	Miscellaneous Options Serial Enumerator Serial Printer Cancel If Power Off	
Timeouts Minimum Read Timeout (msec): 0 • Minimum Write Timeout (msec): 0 •	Event On Surprise Removal Set RTS On Close Disable Modem Ctrl At Startup	

Change to a new comport COM1 – COM9

Advanced Settings for COM11			? 🗙
COM Port Number: COM2			
USB Transfer Sizes		Cano	el
Select lower settings to correct performance problems at low Select higher settings for faster performance.	baud rates.	Defau	ults
Receive (Bytes): 4096 👻			
Transmit (Bytes):			
BM Options	Miscellaneous Options		
Select lower settings to correct response problems.	Serial Enumerator	$\overline{\mathbf{v}}$	
	Serial Printer	Г	
	Cancel If Power Off	Г	
Timeouts	Event On Surprise Removal	Г	
	Set RTS On Close	Γ	
Minimum Read Timeout (msec): 0	Disable Modem Ctrl At Startup	Γ	
Minimum Write Timeout (msec): 0			
			_

Click OK and a bunch more OKs

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Installation Instructions Enjoy!

Remember the tuner needs 12 Volts DC too! Use supplied plug, or Wall Wart!

For support and software please visit <u>www.rush2112.net</u>

Thanks for you purchase of this interface board -Mitch

Thanks Alex for the wonderful application, Sirius Recorder.

P.S. What exactly is a double sided mirror?

And last time I checked, Home Depot sells elbow grease in isle 9.

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