PC_ACE Programmer Installation Instructions



- 1. Unplug the device's USB cable from the computer.
- 2. Download and run the Raceceiver Setup program.



2b. Click Next, and "I Agree" to the license.

3. The first time you install the software, you also need to setup a Com Port. Select the Install FTDI USB-Serial Driver and click Install.

Raceceiver PC_ACE Programmer 2.3.415.1736 S 💶 🗙
Choose Components Choose which features of Raceceiver PC_ACE Programmer 2.3.415.1736 you want to install.
Check the components you want to install and uncheck the components you don't want to install. Click Install to start the installation.
Select components to install:
Space required: 33.4MB
Innovative Spectator Products Inc

4. Extract FTDIChip CDM Driver.

FTDIChip CDM Dri	ivers	x
FTDIChip CDM Dri	FTDIChip CDM Drivers Click 'Extract' to unpack version 2.08.30 of FTDI's Windows Driver package and launch the installer.	×
	< Back Extract Cancel	

5. Install the FTDI Driver with the Driver Wizard by clicking Next.

Device Driver Install	ation Wizard
	Welcome to the Device Driver Installation Wizard! This wizard helps you install the software drivers that some computers devices need in order to work. To continue, click Next.
	< Back Next > Cancel

6. After the Wizard is complete, some computers state "A Problem Occured – Would you like to Try Again". If this message appears, select "Compatibility Mode" and install it again. When it asks if this worked, answer Yes. Click Finish.

Device Driver Instal	ation Wizard	
	Completing the De Installation Wizard	vice Driver d
	The drivers were successfully in	stalled on this computer.
	You can now connect your devi came with instructions, please re	ice to this computer. If your device ead them first.
	Driver Name	Chatue
	FIDI CDM Driver Pack	Beady to use
	FTDI CDM Driver Pack	Ready to use
	< Back	Finish Cancel

7. Click Finish also on the Raceceiver installation. Do NOT click "Start PC_ACE Programmer now".

Raceceiver PC_AC	CE Programmer 2.3.415.1736 S 💶 🗵
	Congratulations:
	You have successfully installed Raceceiver PC_ACE Programmer version 2.3.415.1736.
	Start PC_ACE Programmer now
	< Back Finish Cancel

8. Reconnect the device's USB cable to the computer now. Some computers may now say a serial port has been detected, while others may say nothing at all.

9. Open your computer's Device Manager and look for a section called Ports. The USB Serial Port will tell you which port your device will use to transfer data.

🖴 Device Manager	<u>- 🗆 ×</u>
File Action View Help	
 WINXPSR3V1 Batteries Bluetooth Devices Computer Disk drives Display adapters DVD/CD-ROM drives DVD/CD-ROM drives DE ATA/ATAPI controllers Keyboards Mice and other pointing devices Monitors Network adapters Communications Port (COM1) Printer Port (LPT1) USB Serial Port (COM3) Sound, video and game controllers System devices Universal Serial Bus controllers 	

Or:



10. Now, start the PC_ACE Programmer software. Note that the ComStatus is red indicating that it is not connected.

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	1000		Data	-	2	Data	-		Data	-		Data	
		1			1			1			1		
		2			2			2			2		
	_	3			3			3		_	3		
	_	4		_	4			4		_	4		
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	_	22		-	22			22		- 1	22		
		24			24			24		-	24		
	- Internal	24		-	25		-	25			24		
			4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18 19 20 21 22 23 24	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	$\begin{array}{c} 4\\ 5\\ 6\\ 7\\ 7\\ 8\\ 9\\ 9\\ 9\\ 10\\ 11\\ 11\\ 12\\ 12\\ 13\\ 14\\ 15\\ 16\\ 16\\ 17\\ 17\\ 18\\ 19\\ 19\\ 20\\ 20\\ 21\\ 22\\ 23\\ 23\\ 24\\ 24\\ 24\\ 24\\ 24\\ 24\\ 24\\ 24\\ 24\\ 24$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				

11. From the menu select System \rightarrow Port Settings. Note that for each setting, the status message will tell you if there is a working Com Port.

PC_ACE Programmer File System Help						_ 🗆 🗙
Mem-1	Mem-2	Mem-3	Me	em-4	Mem-5	
Data 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 FileName	Data 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 ComPort S Cann Can Ca	Com Port Com Port COM Port COM 2 Com 3 Com 4 Com 5 Com 6 Com 7 Com 8 Com 9 OK Com 2	Data 1 Baud Rate 2400 BPS 4800 BPS 9800 BPS 38400 BPS 38400 BPS 57600 BPS 57600 BPS Cancel BaudRate 9600 BPS	Data	Data 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 9600 BPS	

12. Select the ComPort that was listed in the Device Manager and a connection should be established.

- 13. Click Ok.
- 14. Click Read Data to begin the transfer and after a few moments, the datasets will be filled in.

1 00. 2 00. 3 00. 4 00. 5 00. 6 00. 7 00. 8 00. 9 00. 10 81.	Data .59.970 .59.970 .60.070 .59.970 .60.070 .59.970 .60.070 .59.970 .60.070		1 2 3 4	Data 23.30.670 63.40.000 00.76.030	-	1	Data 00.47.790	-	1	Data	-	4	Data	
1 00.1 2 00.1 3 00.1 4 00.1 5 00.1 6 00.1 7 00.1 8 00.2 9 00.1	.59.970 .59.970 .60.070 .59.970 .60.070 .59.970 .60.070 .60.070		1 2 3 4	23.30.670 63.40.000 00.76.030		1	00.47.790		1	00 40 110		4		
2 00.1 3 00.4 4 00.1 5 00.1 6 00.1 7 00.1 8 00.2 9 00.1 10 81.1	.59.970 .60.070 .59.970 .60.070 .59.970 .60.070		2 3 4	63.40.000						00.40.110		1	00.60.070	
3 00.1 4 00.1 5 00.1 6 00.2 7 00.1 8 00.2 9 00.2	.60.070 .59.970 .60.070 .59.970 .60.070		3	00.76.030		2	00.52.680		2	00.40.110		2	00.60.170	
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6 00.3 7 00.4 8 00.5 9 00.5 10 81.4	.59.970		5	00.60.070		5	73.32.160		5	00.40.110		5	52.27.900	
7 00.0 8 00.0 9 00.0 10 81.0	.60.070		6	00.59.970		6	00.40.110		6	00.40.110		6	00.60.170	
8 00.9 9 00.9 10 81.0	50.070		7	00.60.070		7	00.40.010		7	00.40.010		7	00.61.570	
9 00.9 10 81.0	.59.970		8	00.59.970		8	00.40.310		8	00.40.110		8	00.60.170	
10 81.	.59.970		9	00.59.970		9	00.40.110		9	00.40.110		9	00.60.070	
	.66.040		10	00.60.070		10	00.40.110		10	00.40.010		10	00.59.970	
11 00.	.59.970		11	00.60.070		11	00.40.110		11	00.40.110		11	00.59.970	
12 00.5	.59.970		12	00.59.970		12	00.40.010		12	00.40.110		12	00.60.270	
13 00.	.60.070		13	00.59.970		13	00.40.110		13	00.40.010		13	00.60.070	
14 00.5	.59.970		14	00.60.070		14	00.40.110		14	00.40.110		14	00.59.970	
15 14.	.86.010		15	00.59.970		15	00.43.300		15	00.40.110		15	00.59.970	
16 00.	.59.970		16	00.60.070		16	05.33.170		16	00.40.010		16	00.60.070	
17 00.	.60.070		17	04.84.680		17	01.55.070		17	00.40.110		17	00.59.970	
18 00.	.59.970		18	01.31.820		18	00.72.640		18	00.40.310		18	00.60.270	
19 00.	.60.070		19	00.59.970		19	03.39.780		19	00.40.110		19	00.60.170	
20 00.5	.59.970		20	41.92.740		20	01.07.670		20	00.40.010		20	00.60.070	
21 04.	.93.760		21	22.32.380		21	00.47.400		21	00.40.110		21	00.59.970	
22 00.	.59.970		22	11.89.330		22	01.64.350		22	00.40.110		22	00.60.070	
23 00.	.59.970		23	21.55.640		23	00.45.800		23	00.40.010		23	00.60.070	
24			24	82.26.020		24	00.40.210		24	00.40.110		24	00.59.970	
25		-	25	20 39 490	-	25	00.40.110	-	25	00 40 110	-	25	00.60.070	_
File	eName						c	omPort	Com 3	Bau	udRate	9600	BPS	

15. Finally, you can click Save To File to save the data to a CSV file.