Procedure to setup the XBee modules using X-CTU software.

Step1:

Check With the Device manager the COM port number assigned to the Serial/USB converter. Here COM4.



Step2:

Launch XCTU software. Click on the **Discover Radio Modules...** button at the top left. Select the COM port to scan (COM4). And click **Finish**.

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Radio Modules	0 😰 🕫 🛪 Radio Configuration	
Click on Add device Discover devices to radio modules to the list	Select the ports to scan Select the USB/Serial ports of your PC to be scanned when discovering for radio modules. Select the ports to be scanned: COM4 USB Serial Port Refresh ports Select all	× Configuration, d & Network to display their the working area.
	Checking for Ra	adio Firmw updates: (13%) 📁 📼

Step3:

Set or verify the default communication parameters for the Serial Communication and click **Finish**.

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Radio Modules	nn n - n - n - n - n - n - n - n - n -
	Set port parameters
	n of Configuration,
radio modules to t	Baud Rate: Data Bits: Parity: nd line Network 1200 7 None to display their 2400 8 Even the working area. 4800 Mark Odd Herritical Structure
	Stop Bits: Flow Control: Image: 1 Image: None Select all
	2 Hardware Deselect all
	Estimated discovery time: 00:10
	< Back Next > Finish Cancel
	Checking for Radio Firmw updates: (98%)

Step4:

The XBee module should appears in the left window. Select it and click on **Add selected devices** button.

Discovering radi	io modules		
Searc	h finished. 1 device(s)	found	
RE	1 device(s) found	🙁 Stop	
Devices discove	ered:		
Port: COM4 - 9600/8/N/1/N - A Name: MAC Address: 0013A20040E4E875			
		1	
Select all	Deselect all		
Your device was	not found? Click here	2	

Step5:

You can let most of the default parameters.

For a simple serial communication between the 2 modules you can just configure the following settings:

	XBee 1	XBee2
PAN ID	1111	1111
DL	1	2
MY	2	1

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Radio Modules	Radio Configuration [- 0013A20040E4E875]	
Name: New Firmware X Function: XBEE 802.15.4 20 Port: COM4 - 9600/8/N/1/N - AT 20 MAC: 0013A20040E4E875 20	Read Write Default Update Profile •<	e ^
	 Networking & Security Modify networking settings 	
	i CH Channel C	2
	1 ID PAN ID 1111	2
	DH Destination Address High 0	2
	i DL Destination Address Low 2	2
	i MY 16-bit Source Address 1	2
	i SH Serial Number High 13A200	
	i SL Serial Number Low 40E4E875	_
	i MM MAC Mode 802.15.4 + MaxStream header V	2
	i RR XBee Retries 0	2
	i RN Random Delay Slots 0	2
	i NT Node Discover Time 19 x 100 ms 🖩 😒 🤇	2
	i NO Node Discover Options 0	2
	(i) CE Coordinator Enable End Device [0] V S	2
	i SC Scan Channels 1FFE Bitfield 🖬 😒 🤇	2
	i SD Scan Duration 4 exponent	2
	Checking for Radio Firmw updates: (98%)	

Step6:

Do not forget to save the configuration in the module by clciking the **Write** icon.

This configuration step need to be done only once.