

# DPU: USB Connector for Programmers & Transmitters

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The DPU is a PIMA connector that enables to connect a PC with PIMA's Comax<sup>1</sup> upload/download application, to PIMA's programmable devices, via USB interface.

The DPU can be used with the following PIMA products: PRG-22/896, SAT-N, SAT-8/9 and TRV-100/TRU-100 radio transmitters.

The DPU kit contains the following items:

- The DPU connector.
- USB 2.0 A to B cable.
- Molex to RJ-11 cable.
- Molex to Molex 5-wire cable.



Do not separate the Molex to Molex cable from the Molex to RJ-11 cable it is fastened to: this is to prevent you from mistakenly using it to connect to the control panel via the Program terminal: doing so will damage the transmitter.

The DPU device driver (INF file) comes separately, as part of the Comax installation package.



## DRIVER INSTALLATION

1. Connect the DPU to one of the PC's USB sockets. Windows should recognize the hardware and start the 'New Hardware Installation Wizard'.

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<sup>1</sup> Starting from version 3.16

2. The wizard will ask for the device driver. Point to the driver file (DPU.inf), located in the Comax installation CD, under Utilities/DPU. If it does not, you may have an earlier Comax version. See the footnote.
3. When the wizard ends, check which COM has been assigned to the DPU:
  - a) Open the 'Computer Management' window: in Windows XP, right-click the 'My Computer' icon on the desktop and click 'Manage'.
  - b) In the 'Computer Management' window that pops-up, click the 'Device Manager' icon, then click the plus sign next to 'Ports (COM & LPT)'. See the next capture screen.
  - c) Look which 'Communication Port' (COMx) has been allocated to PIMA DPU (COM12 in this example).

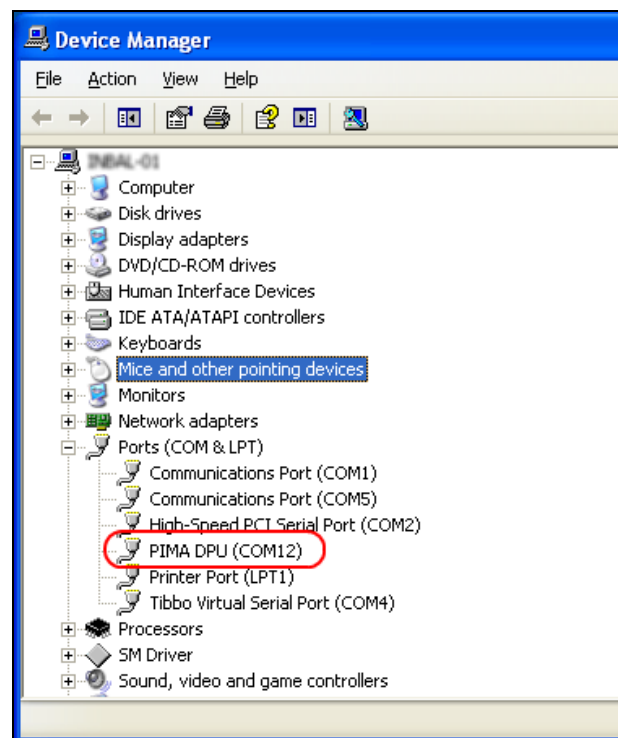


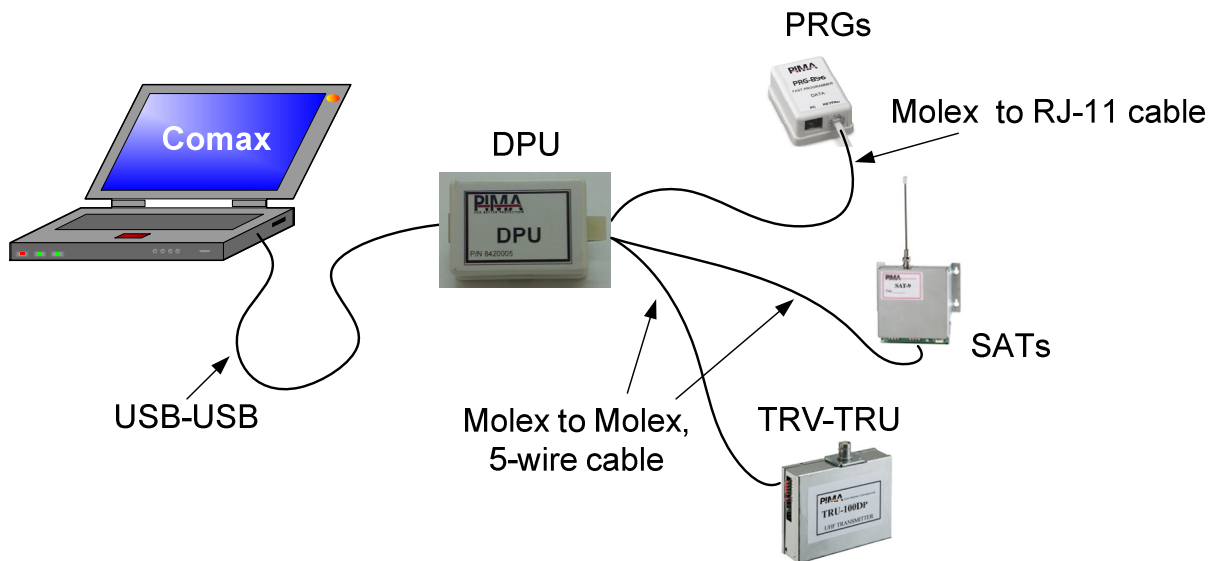
Figure 1: The DPU COM port in the Device Manager window



Comax can only use COM ports 1 - 16. If you need to assign a different number to a port, see the next link:

<http://support.microsoft.com/kb/232673>

## CONNECTING THE DPU & THE DEVICES



### *Connecting the SATs & radio transmitters*

1. Connect the DPU to the PC/laptop with Comax, using the USB-USB cable.
2. Use the 5-wire with Molex connectors cable and connect the DPU to the TRV-100/TRU-100, or the SAT-8/9 or the SAT-N's 5-pin socket.

### *Connecting the PRG programmers*

1. Connect the DPU to the PC/laptop with Comax, using the USB-USB cable.
2. Use the Molex-to-RJ-11 cable and connect the DPU to the PRG-22/896's RJ-11 (KEYPAD) socket.

## PROGRAMMING THE DPU IN COMAX

To use the DPU via Comax, set its COM port in the 'Direct' tab, under Tools/Settings: choose the port from the drop-down menu, then press the 'DPU Connector' button to test it.

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Please read this manual in its entirety before attempting to program or operate your system. Should you misunderstand any part of this manual, please contact the supplier or installer of this system.

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