



**INSTRUCTIONS FOR  
COMPUTERS RUNNING  
WINDOWS XP ONLY!**

See Drawing 206805  
for instructions for use with  
Windows Vista

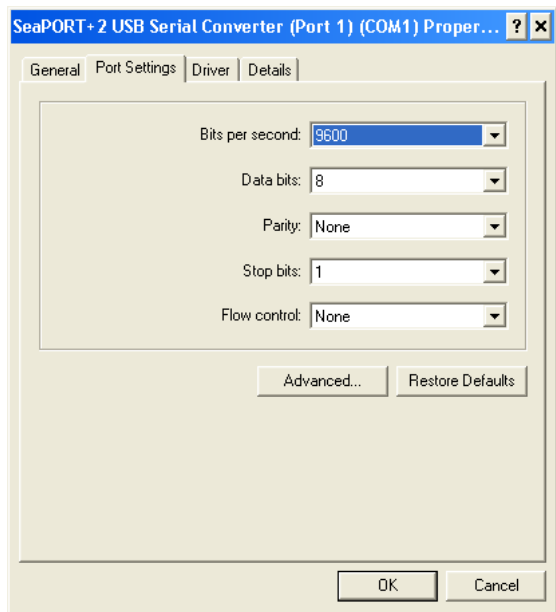
## RS485 (2-WIRE) QUICK START GUIDE



**By default, the vBUC™ will be in a mute state. You must short pin J to pin K on the M&C Port J4 to unmute the device. Pins J & K are shorted in the supplied Quick Start Cable.**

### STEP 1 - Before Power Up:

1. Install the Paradise Datacom Universal M&C from the included CD onto a Windows-based PC.
2. Terminate the RF input and output!
3. If connected to a modem that is equipped with FSK, ensure FSK is turned off. (FSK will turn off Serial communication)
4. Connect the Quick Start Cable to port J4 of vBUC™. This will force the vBUC™ into Serial mode (2-Wire RS485) with a fixed baud rate of 9600.
5. Connect other end of the Quick Start Cable to the PC's RS485 port. If the PC is not equipped with a RS485 port, a USB to RS485 converter is required. See Figure 4 for RS485 pin-out.
6. Configure the PC's COM port properties as shown below. To access the COM port properties, go to *Control Panel* → *System* → *Hardware* tab → *Device Manager* → Explode the *Ports* category → right click on COM port to be configured and select *Properties*. Click on *Port Settings* and configure as seen in Figure 1. When finished, click the *OK* button and close out of all windows.



◀ **Figure 1. COM Port Properties**

## STEP 2 - Power Up:

1. Apply power to the vBUC™.
2. Allow a few seconds for the vBUC™ to initialize.

## STEP 3 - Start Universal M&C:

1. Launch the Paradise Universal M&C program.
2. From the menu, select **Action** → **Add Unit** → **vBUC**. A new window will appear as shown in Figure 2.
3. Select Serial Connection
4. Choose the serial port that will be used for communication.
5. If the BUC Address is unknown, click the *Search for Unit* button (default address is 1).
6. If found, a new window will appear indicating the address as seen in Figure 3. By clicking *OK*, the BUC address will automatically update on the previous screen
7. Click the *Create* button to initiate the Monitor and Control software for this unit.
8. Click on the Carrier Enable button on the Status window to enable Transmit RF. See Figure 4.

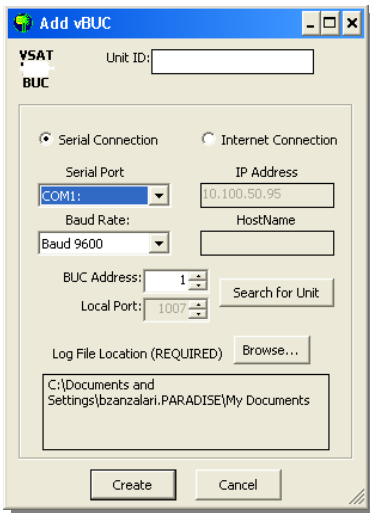


Figure 2. Add vBUC screen

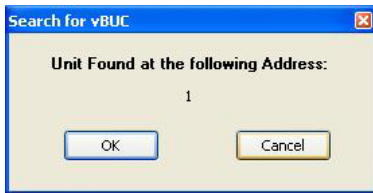


Figure 3. Search for vBUC

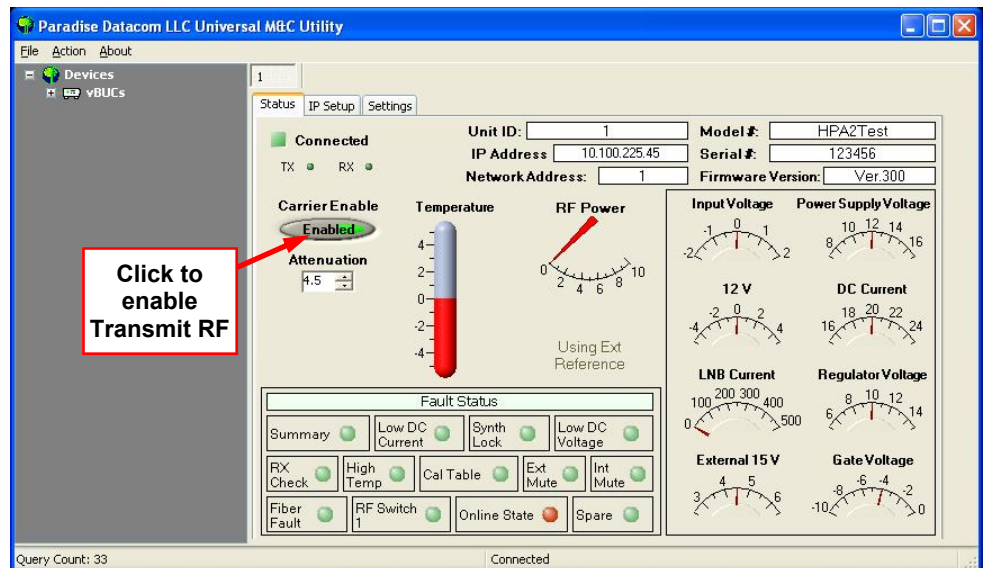


Figure 4. Click on Carrier Enable button to enable Transmit RF



There are 4 different ways to communicate to the vBUC™; FSK, Serial, IPNET (IPNET includes Web Interface) and SNMPv2. If FSK is present on the IFL In port, all other communication on the M&C port will terminate. Upon removal of FSK, communication on the M&C port will resume.