

Date	26 May 2015	Service Note #	MISC-2052	Updated	NA
Product	All	Created By	J. Yangco		
Description	Hyper-Terminal Software Communication Setup				

Release	<input checked="" type="checkbox"/>	Internal	<input checked="" type="checkbox"/>	Distributors	<input checked="" type="checkbox"/>	Customers
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Parts Required	Serial Numbers Affected
<ul style="list-style-type: none"> • PC or laptop with Windows OS • Windows Hyper-Terminal software • USB to Serial Adapter (6690-0141), if PC or laptop does not have available serial port 	All

Hyper-Terminal Communication Setup

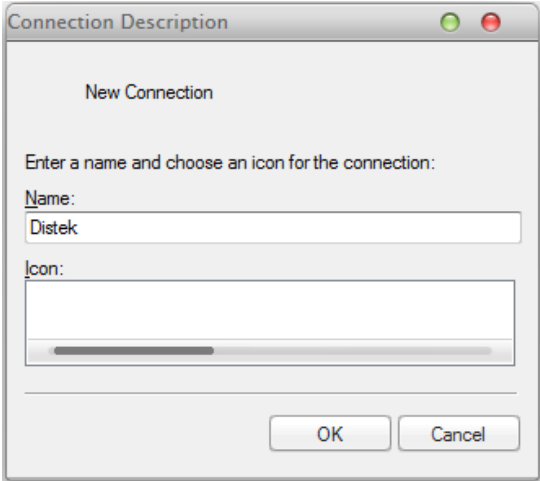


Reason: To connect and control Distek instrument using serial commands.

Pre-requisite:

- Service Engineer or person performing this service must have proper training in servicing the instrument.
- USB to Serial Adapter Windows driver installed and configured.
- Hyper-Terminal software is installed with Windows.

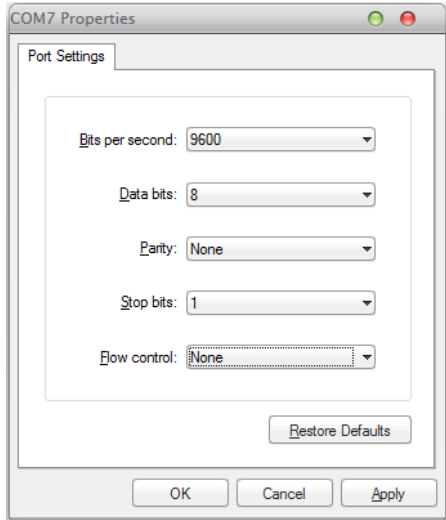
Solution / Action

Step 1	Power on and log in to the PC or Laptop.
Step 2	If needed, connect the USB to Serial adapter to the PC or laptop.
Step 3	Start the Hyper-Terminal software to start a new session. If prompted to make Hyper Terminal your default telnet program, select No .

<p>Step 4</p>	<p>The Connection Description dialog window should open. Type in a name for your connection. Leave icon as default (this has no impact on the setup) and then select OK to accept changes.</p> <div data-bbox="602 396 1138 873" data-label="Image">  </div> <p style="text-align: center;">Step 4</p>
<p>Step 5</p>	<p>The Connect To dialog window should open. Select the appropriate COM Port from the Connect Using pull down list, then select OK to accept the changes.</p> <div data-bbox="631 1081 1109 1560" data-label="Image">  </div> <p style="text-align: center;">Step 5</p> <hr/> <div data-bbox="349 1633 435 1730" data-label="Image">  </div> <p>Access COM port information by selecting Start Control Panel Device Manager then expand Ports (COM & LPT).</p>

The **COMx Properties** dialog window should open. Example COM7 setting as shown:
Then select **OK** to accept and save the changes.

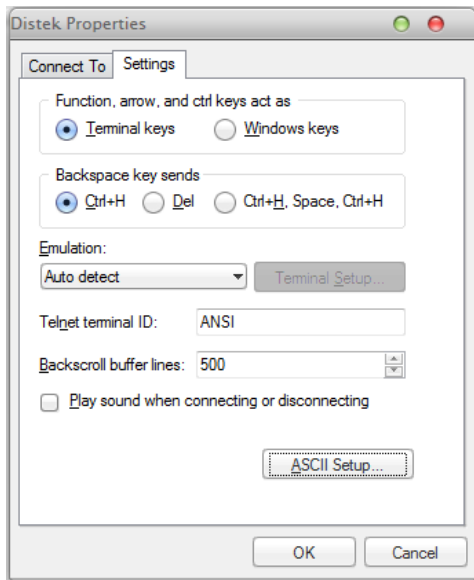
Step 6



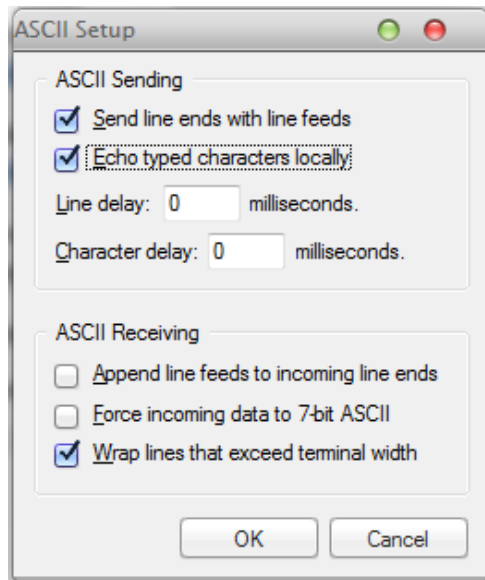
Step 6

Select menu **Call | Disconnect** then select **File | Properties** to set some additional property settings. Follow the properties settings below:

Step 7



Settings tab



ASCII Setup

Select **OK** on both dialog window to accept the changes.

<p>Step 8</p>	<p>Select the menu Call Call to connect the new session. At the bottom-left side of the Hyper-terminal window, confirm that the serial port is now ready for use designated by Connected and the timer starting.</p>
<p>Step 9</p>	<p>Connect the instrument via appropriate RS-232 cabling:</p> <ul style="list-style-type: none"> • 4952-0015 NULL cable for symphony 7100, senIR 3200 and 2500 series • 4952-0012 for EVO 6x00, DS/EVO 4300, 2100B, 2100C and ezfill 4500
<p>Step 10</p>	<p>Confirm that you can connect to the instrument by typing in the following: []</p> <p>You should get a response: [??]</p> <p>Sample serial command to check 7100 instrument serial number: Command: [*IDN?] Response: [Symphony 7100, 12345678, PCRev 1.08]</p> <div data-bbox="453 909 1284 1465" data-label="Image"> <p>The image shows a screenshot of a HyperTerminal window titled 'Distek - HyperTerminal'. The window has a menu bar with 'File', 'Edit', 'View', 'Call', 'Transfer', and 'Help'. Below the menu bar is a toolbar with various icons. The main text area contains the command '[*IDN?]' followed by the response '[Symphony 7100, 12345678, PCRev 1.08]'. At the bottom of the window, there is a status bar showing 'Connected 0:00:16', 'Auto detect', '9600 8-N-1', 'SCROLL', 'CAPS', 'NUM', 'Capture', and 'Print echo'.</p> </div> <p style="text-align: center;">Step 10 - Sample response using Hyper-Terminal</p>



If you cannot see what you are typing in or there is no response back from the instrument, check that the COM port is available, the correct cable is used and the properties are set correctly.