



How to Upload a Custom Curve with WinPCD T2

The PCD is capable of performing a trip operation using virtually any type of curve. The CurveGen Common Platform Software can be used to create a custom curve. After the desired custom curve is developed using the CurveGen software, it can be uploaded to the PCD by using the WinPCD T2 Software. The instructions below will step you through. Call 1-800-929-7947 x 5 or +1-407-732-2000 x 2510 for this issue or any other questions.

Instructions

1. First establish communication with the PCD using the WinPCD program.
2. From the Main Menu select “Programmable Curves”.

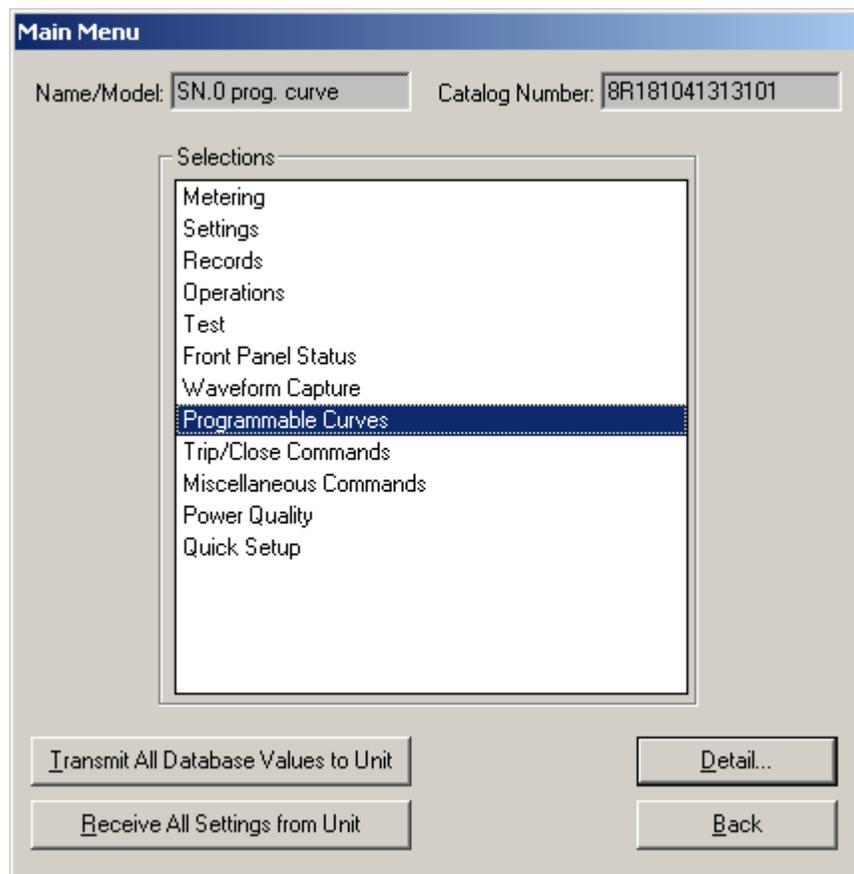
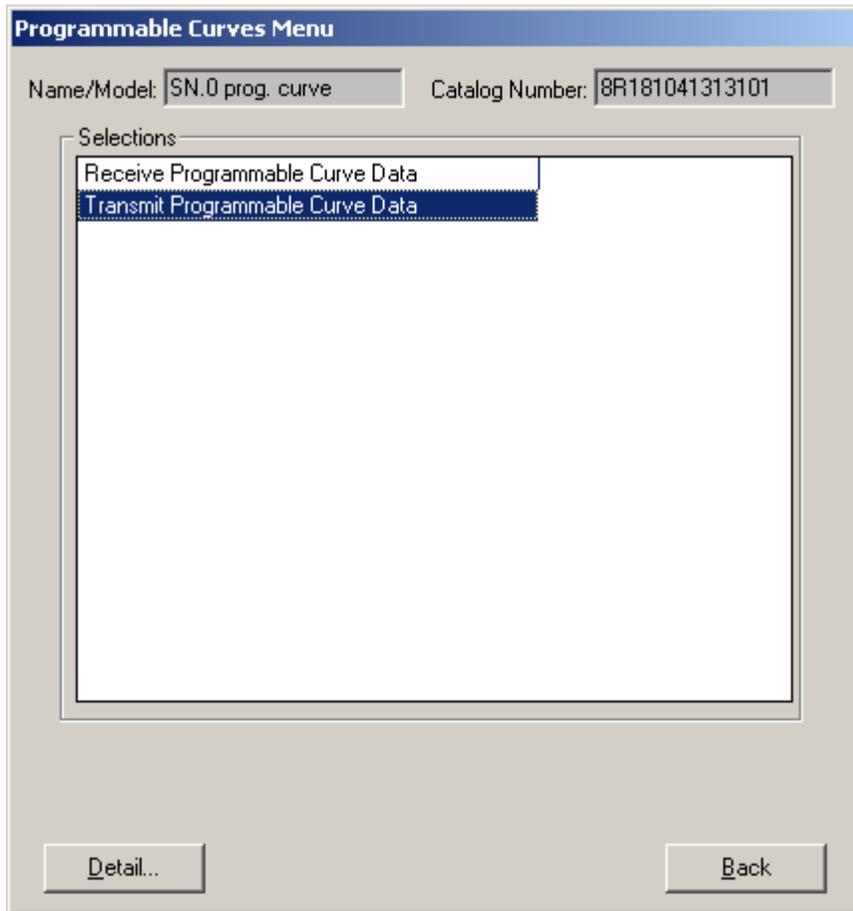


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3. From the Programmable Curves Menu select “Transmit Programmable Curve Data”.



4. Depress the Filename “Set” button to select the custom curve from the saved file location.

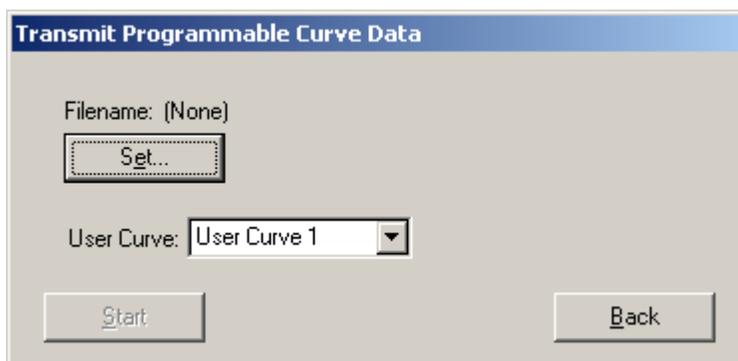
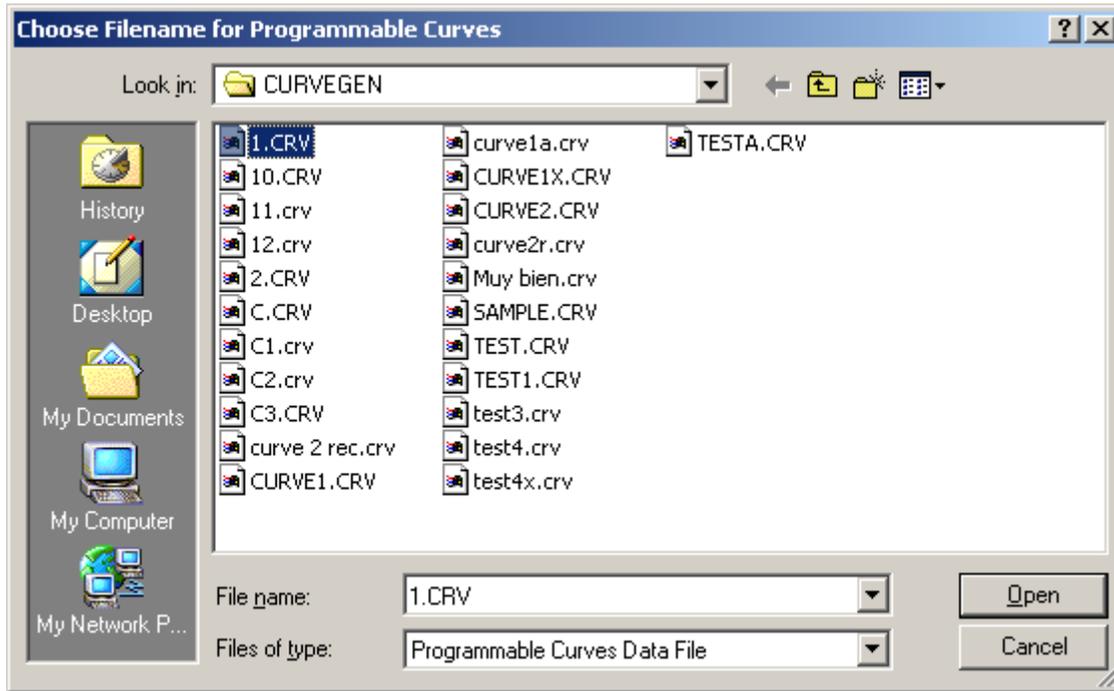


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5. Select the desired custom curve from the CurveGen folder or location the .CRV curve file was saved in.
6. After the .CRV file or desired curve is selected, depress the “Open” button.



7. Depress the “Start” button to proceed with the upload process.
Note: You can create up to three user curves.

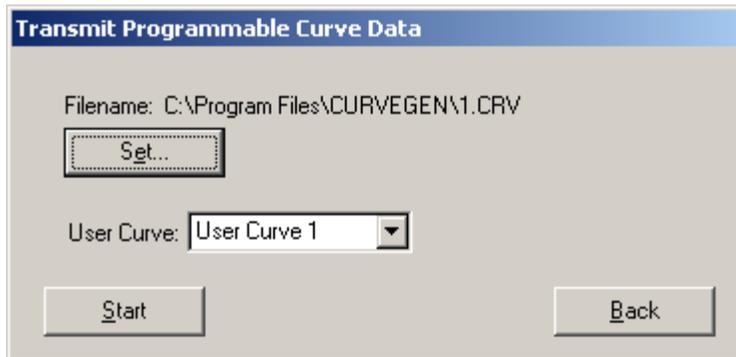


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8. Enter your password and depress “OK”

The dialog box has a title bar 'Enter Primary Password'. Below the title bar, it contains the text: 'Before settings can be sent to the unit, you must enter the primary password.' There is a text input field labeled 'Primary Password:'. At the bottom, there are two buttons: 'OK' and 'Cancel'.

9. The selected curve will now be transmitted (or uploaded).

The dialog box has a title bar 'Application Message' with a close button. It contains an information icon and the text: 'Command completed successfully.' At the bottom, there is an 'OK' button.

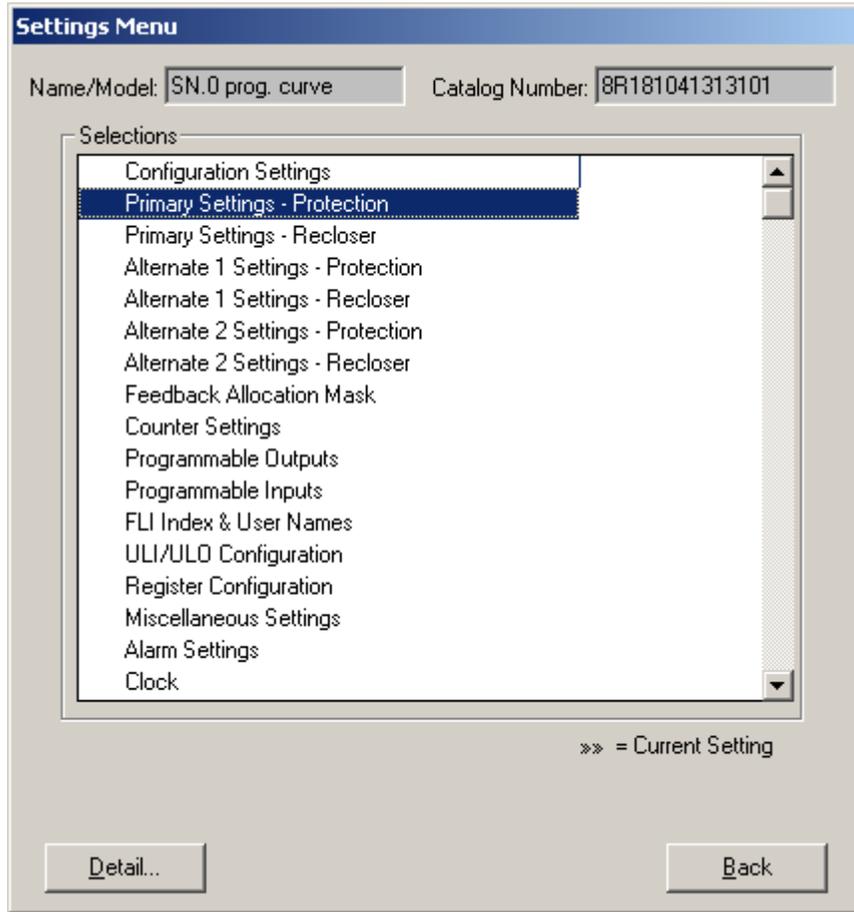
10. Press the “Back” button to exit, and then go back into the Settings Menu.

The dialog box has a title bar 'Main Menu'. It contains two text input fields: 'Name/Model: SN.0 prog. curve' and 'Catalog Number: 8R181041313101'. Below these is a list box titled 'Selections' with the following items: Metering, Settings (highlighted), Records, Operations, Test, Front Panel Status, Waveform Capture, Programmable Curves, Trip/Close Commands, Miscellaneous Commands, Power Quality, and Quick Setup. At the bottom, there are four buttons: 'Transmit All Database Values to Unit', 'Detail...', 'Receive All Settings from Unit', and 'Back'.

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11. Select “Primary Settings – Protection” from the Settings Menu.



12. Select “User Curve 1”. This is the created custom curve.

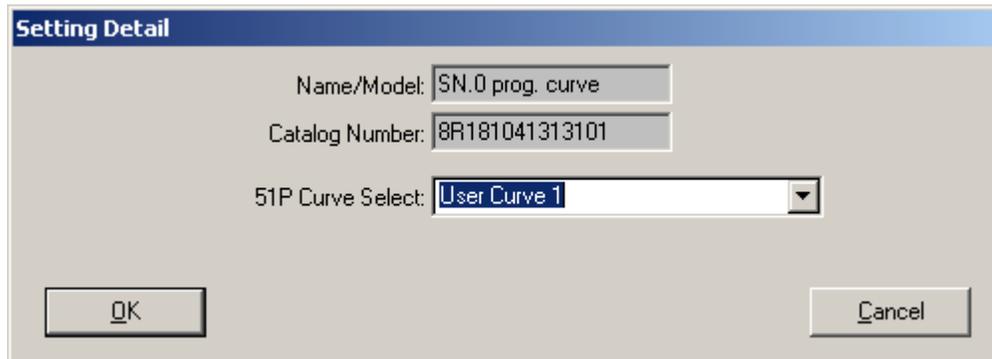


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13. This completes the installation of the custom curve (User Curve 1).

Primary Settings - Protection

Name/Model: SN.0 prog. curve Catalog Number: 8R181041313101

Setting	Database Value	Actual Unit Value
51P Curve Select (Phase Slow)	User Curve 1	
51P Pickup Amps	600	
51P Time Multiplier	1	
51P Minimum Response (sec)	1	
51P Time-Curve Adder (sec)	1	
50P-1 Curve Select (Phase Fast)	G (121)	
50P-1 Pickup X (Multiple of 51P)	1	
50P-1 Time Multiplier	1	
50P-1 Minimum Response (sec)	1	
50P-1 Time-Curve Adder (sec)	1	
50P-1 Curve Block Pickup (Multiple of 50P-1)	1	
50P-2 Select (Definite Time)	Enable	
50P-2 Pickup X (Multiple of 51P)	1	
50P-2 Time Delay (sec)	1	
50P-2 Curve Block Pickup (Multiple of 50P-2)	1	

Database Value Detail... Receive Data from Unit

Send Database Data to Unit --> <<-- Send Unit Data to Database Print... Back

Call 1-800-929-7947 x 5 or +1-407-732-2000 x 2510 for any other questions you may have.

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