Model 745-OEM
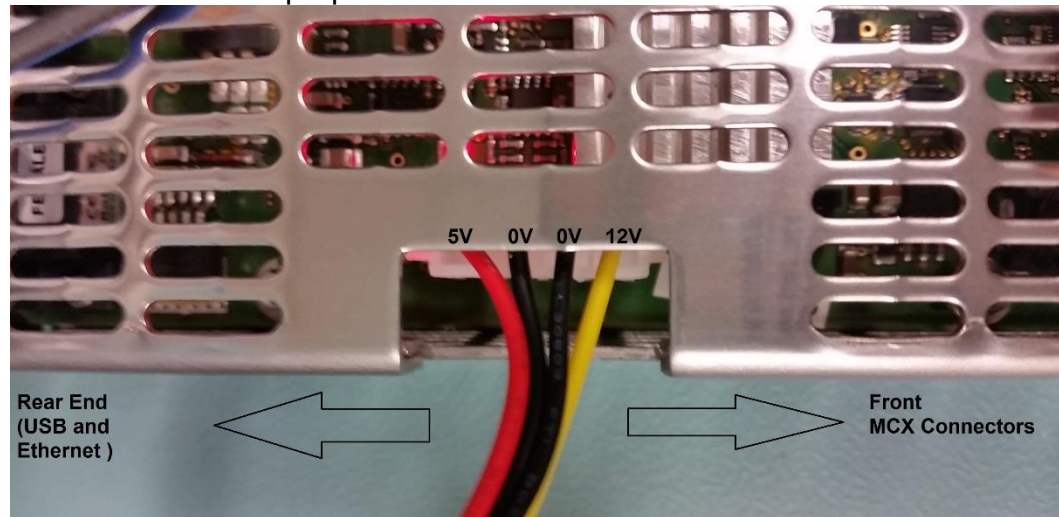## Delay Generator
Quick Start Guide v2

I. Equipments and Material:
   a. Model 745-OEM
   b. USB Cable Type A to Mini B
   c. MCX patch cables (not included)
   d. Power Supply 5Vdc and 12Vdc (not included)
   e. CAT5 (not included)
   f. Terminal Software (HyperTerminal or similar) or
      Model 745 GUI

II. Hardware Set Up:
   a. Connect the DC power supply but do not power it up yet.
      *** Please note the proper orientation below.
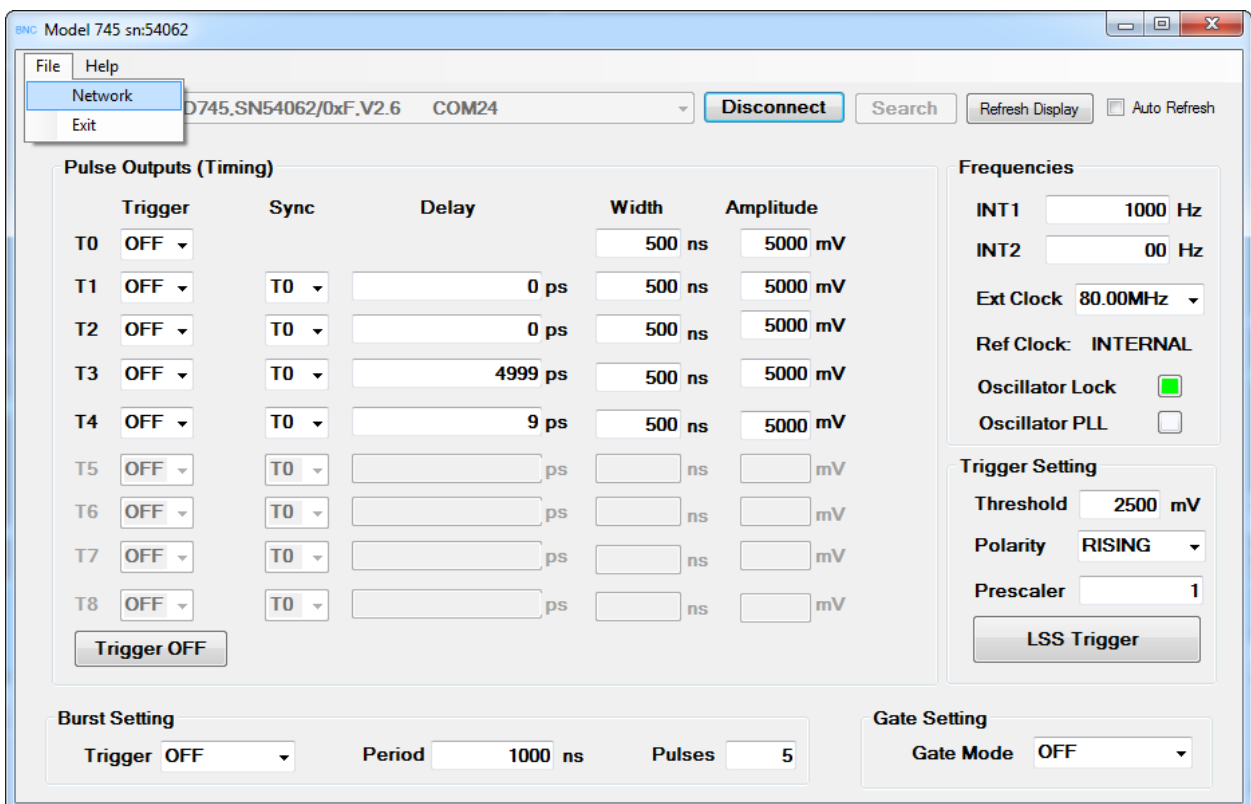

   b. Connect all MCX connectors.
   c. Connect the USB and ethernet cable on the rear side of the 745-OEM
   d. Connect the USB to your PC.
   e. Connect ethernet cable direct to your PC or to a network switch / router.
   f. Power up the device

III. Software Setup (Terminal Software)
   a. Open windows device manager and check the newly assigned COM port number. (i.e. COM10)
   b. Launch HyperTerminal or similar software
   c. Set Baud = 38400, 8 Bits, 1 Stop Bit, No Parity, HW control = NONE
   d. Connect to 745-OEM using COM port listed on III.a above for the 745-OEM
   e. Issue command ***IDN?** to confirm connection. Device will respond with its model, serial and FW version number.
   f. Once serial communication is set, send the following command and take note of the values.
      i. **IP?**
      ii. **GW?**
      iii. **NM?**

*** The above command queries IP address, Gateway and Netmask. If you need to change any of the above settings then issue any or all the following:

     iv. **IP <*address*>** i.e. IP 192.168.1.20 to set the IP to 192.168.1.20

     v. **GW <*address*>** i.e. GW 192.168.1.1 to set the gateway to 192.168.1.1

     vi. **NM <*address*>** i.e. NM 255.255.255.0 to set the netmask to 255.255.255.0

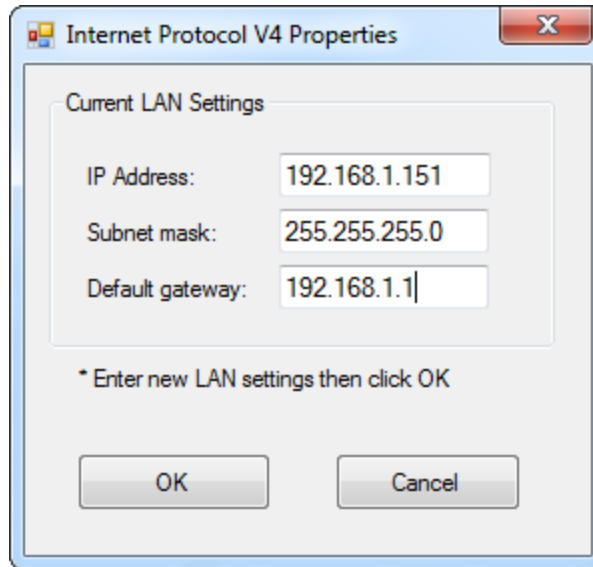 g. Cycle the power of the Model 745-OEM

NOTE: LAN settings can also be changed using telnet on port 4000 if IP address is known. i.e. A:> **telnet 192.168.1.21 4000**

IV.   Using Model 745 Graphical User Interface

  a. Connect Model 745-OEM to your PC using the USB cable

  b. Power Up the device

  c. Install Model 745 GUI to your PC and launch it.

  d. Select a device from the drop down list or click Search if no devices are displayed.

  e. Click Connect to connect to that specified device.

  f. Once connected, the current settings will be displayed.

g. To change the IP address, click File => Network

h. Enter the new IP address then click OK
i. Click disconnect then power cycle the device to implement the changes.
j. Model 745 can be controlled using either Model 745 GUI or the web interface

V. Controlling 745-OEM.
   a. Launch web browser (Chrome, Firefox, or similar)
   b. Type in the IP address listed on procedure III.f or IV.h
   c. The default username is **BNC** and default password is **bnc**