SIEMENS

Installation Instructions
Model XND
MNET/HNET Network Interface

OPERATION

The Model XND MNET Network Interface module from Siemens Industry, Inc. provides computers operating on Windows 2000 or above with the capability to upload the CSG Computer Software Generator program to an MXL panel. The XND uses a USB connection to the computer. The XND has six LEDs to indicate the status of the module and a reset button that can be used to restart the module in case of malfunction. Refer to Figure 1.
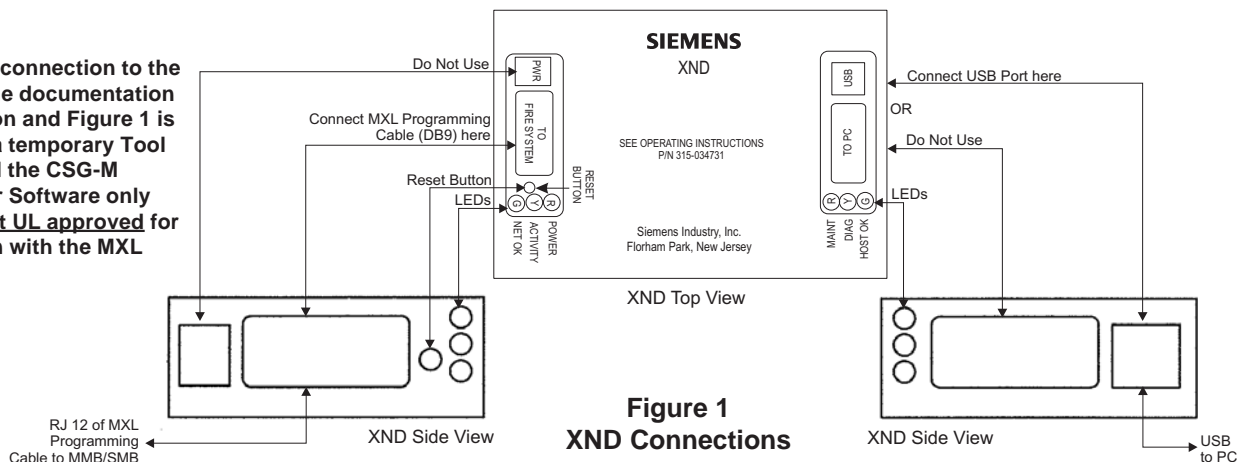
Refer to the CSG-M Disk for XND Drivers and to the CSG-M Appendix for XND Operation, P/N 315-049302, for information regarding driver and software installation.

In addition to the above application, the XND can also be used in a Fire Command Center or Building configuration of the FVNET System where the XND is a FireFinder-XLS network interface module used to electrically connect to the network via the RJ12 connector on a NIC-C or PMI/PMI-2. In this application, the XND is the interface to the voice node HNET via the HNET NIC-C. It must be physically located in the same cabinet as the HNET NIC-C and the VNT. The XND is connected via USB to the VNT. Refer to Figures 2 and 3.

INSTALLATION

Remove all system power before installation, first battery and then AC. (To power up, connect the AC first, then the battery.)

NOTE:
The XND connection to the MXL in the documentation instruction and Figure 1 is used as a temporary Tool to upload the CSG-M computer Software only and is not UL approved for operation with the MXL System.

USB Connection (Refer to Figure 1)

1. Insert one end of the USB cable (supplied) into the XND module labeled "USB" and the other end into a USB port on the pc.

2. Insert the DB9 connector of the MXL programming cable into the XND module labeled "To Fire System" and the RJ 12 end into the MMB/SMB to which the CSG-M is to be uploaded.

VNT Connection (Refer to Figures 2 and 3)

1. The bracket for the XND is attached to the VNT-MP Mounting Plate at the lower right-hand corner. There is room to mount two XNDs in the bracket. Before inserting the XND in the bracket, make sure that the XND is in the correct orientation for connection to the VNT. The USB port should be facing out toward the Scalance X204-2 Ethernet Multimode Fiber Switch. (Refer to Figure 2.)

2. Tighten the nuts to secure the bracket in place.

3. Typical wiring for the XND in a VNT-Building connection is shown in Figure 3.

COMPATIBILITY

The minimum firmware for the FVNET application is:

xnd04.06.0006

Figure 1
XND Connections

ELECTRICAL RATINGS

All connections are supervised and power limited unless stated otherwise.

Input Voltage: 5V (from USB)
Input Current: 150mA Max
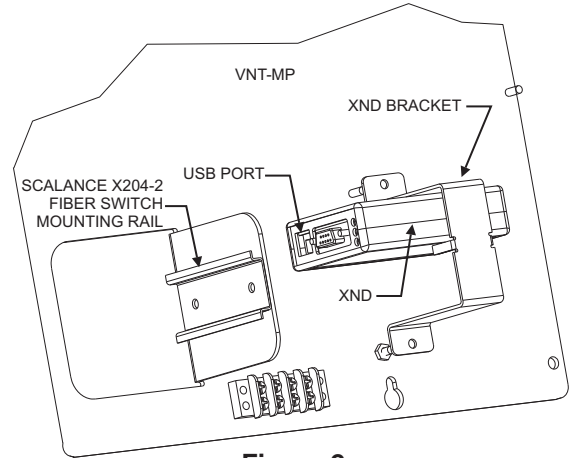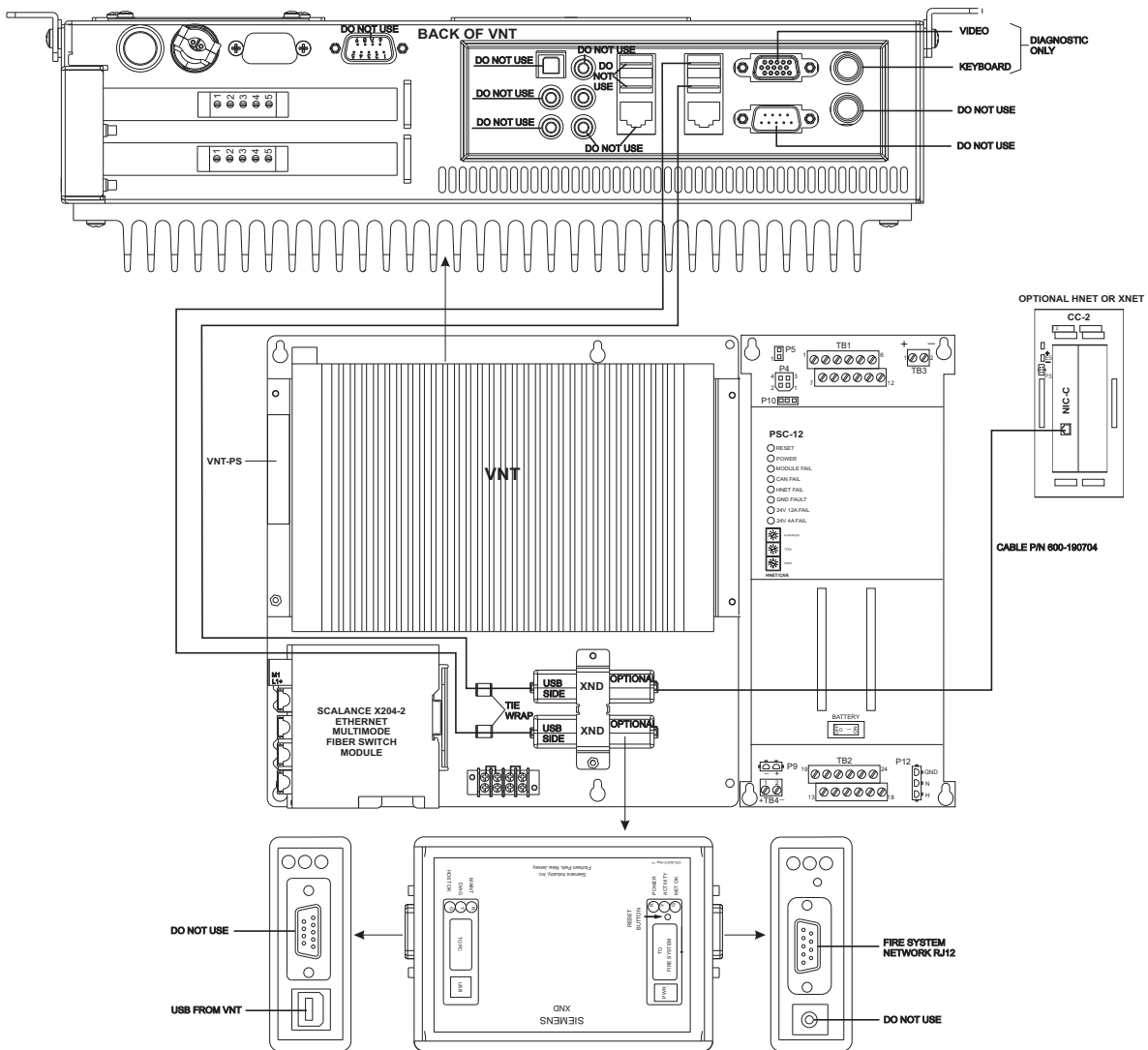
Figure 2
XND Mounting on VNT-MP

Figure 3
Typical XND Wiring in a VNT Building Configuration