382 AnyNET-DMP Cable

Description

The Uplink AnyNET-DMP Network Access Module supports cellular networking technologies for backup communication. The AnyNET-DMP Module is compatible with XR500, XR500N, or XR500E Command Processor™ panels. Use a DMP 382-6 or 382-50 cable to provide supervised communications between the AnyNET-DMP module and the XR500 Series.

Mounting the Module

Mount the AnyNET-DMP Module within 50 feet of the panel. Refer to the documentation included with the Uplink AnyNET-DMP module for detailed mounting instructions.

> ⚠ **DO NOT connect any power to the panel or AnyNET-DMP module until all connections are made.**

Module DIP Switch Settings

The AnyNET-DMP Module DIP Switches are configured at the factory. No setting changes are required for a daily test. For verification purposes the table lists the default DIP Switch settings and provides a daily test of the AnyNET-DMP Module only.

Switch No.	Setting
S1 & S2	OFF
S3 & S4	Test Schedule S3 S4 = OFF OFF None S3 S4 = OFF ON Weekly S3 S4 = ON OFF Daily S3 S4 = ON ON Daily (Default)
S5, S6, S7, S8	OFF

Connecting the Module

For J21 RS-232 configuration connections refer to the steps below to begin the AnyNET-DMP Module connection.

1. Verify the jumper on the panel J23 6-Pin header is on the top position next to the letter "R" as shown in Figures 1 and 2.
2. Plug the 382 Cable 25-pin connector onto the Signal Interface connector on the bottom of the AnyNET-DMP Module.
3. Connect a ground wire from the AnyNET-DMP Module 12 VDC negative to the panel terminal 10.
4. Connect the Brown wire with in-line 1K Ohm resistor to zone 1 on the panel. This provides AnyNET-DMP Interface Cable Supervision. Zone 1 is opened if the interface cable is disconnected from the AnyNET-DMP Module or the panel.
5. Connect the White wire to zone 2 on the panel. Connect a 1K Ohm resistor between zone 2 and the GND terminal. This provides AnyNET-DMP Network Fail supervision. Zone 2 shorts to ground when the AnyNET-DMP Network fails.

Note: Complete the applicable power supply connections as described on the next page. After panel power-up, briefly reset the panel using the J16 jumper to activate RS-232 operation.
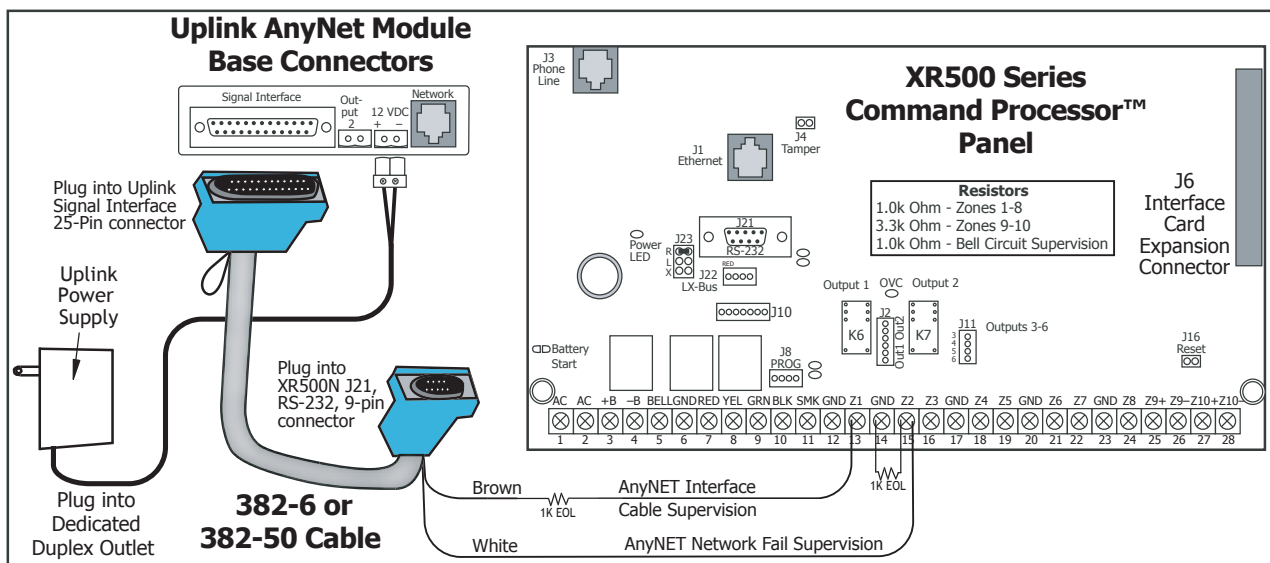

Figure 1: Connecting the AnyNET-DMP Module Using the Uplink Power Supply

Digital Monitoring Products

Connecting Using the Uplink Power Supply

Refer to Figure 1 and the steps below to connect the AnyNET-DMP Module to the panel.

1. Complete the steps under Connecting the Module.
2. Plug the 382 Cable 9-pin connector onto the panel J21 RS-232 connector.
3. Plug the AnyNET-DMP power supply connector wire into the 12 VDC connector on the bottom of the AnyNET-DMP Module. Plug the power supply unit into any 120 VAC 60 Hz outlet not controlled by a switch.

Connecting Using a DMP Power Supply

Refer to Figure 2 and the steps below to connect the AnyNET-DMP Module to the panel and DMP power supply.

1. Complete the steps under Connecting the Module.
2. When connecting the AnyNET-DMP module to a DMP power supply, cut the wire loop next to the 382 Cable DB-25 connector. Insulate and secure the wire ends from accidentally shorting within the assembly.
3. Use a small flat head screwdriver to loosen the screws and remove the AnyNET-DMP power supply wires from the plug-on connector.
4. Insert 22 AWG Red (+) and Black (-) wires into the two slots and tighten the screws to hold the wires in place.
5. Run the Red (+) wire into the enclosure and connect to the 505 Series Power Supply J6 (+) connector.
6. Run the Black (-) wire into the enclosure and connect to the 505 Series Power Supply J6 (-) connector.
7. Plug the power connector into the 12 VDC connector on the bottom of the AnyNET-DMP Module.
8. Plug the 382 Cable 9-pin connector onto the panel J21 RS-232 connector.

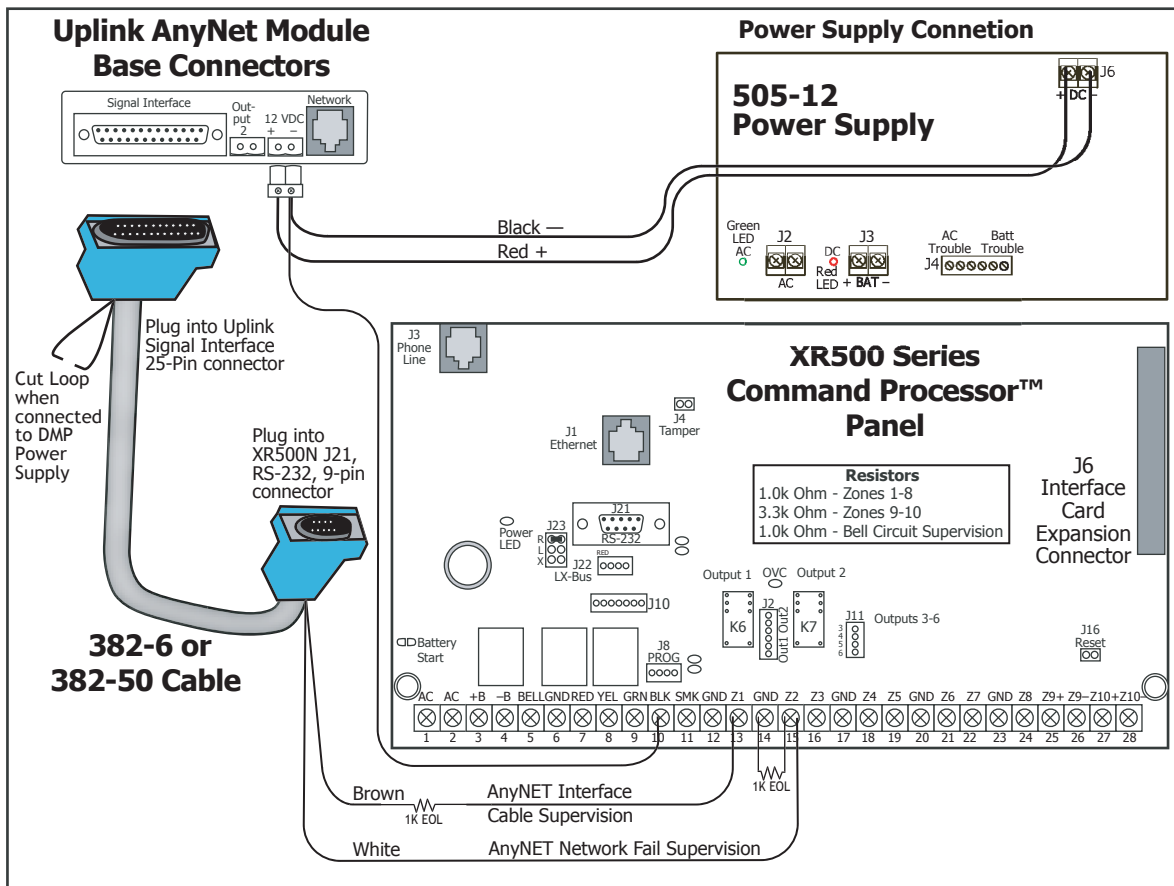**Note: Verify that all devices are connected and wiring is complete prior to panel power-up.**

Figure 2: Connecting the AnyNET-DMP Module Using a DMP Power Supply

Connecting Using a 462N Module

Refer to Figure 3 and the steps below to connect the AnyNET-DMP Module to the panel and the 462N Module.

1. Verify the jumper on the panel J23 6-Pin header is on the "L" or "X" position.

2. Complete steps 2-5 under Connecting the Module.

3. When connecting the AnyNET-DMP module to a DMP power supply, cut the wire loop next to the 382 Cable DB-25 connector. Insulate and secure the wire ends from accidentally shorting within the assembly.

4. Plug the 462N Module onto the panel J6 Interface Card Expansion Connector.

5. Connect power as described in Connecting Using a DMP Power Supply.

6. Plug the 394 Cable RJ end into the RJ connector on the 462N Module.

7. Plug the 382 Cable 9-pin connector onto the 394 Cable 9-pin connector.

8. As needed, connect expansion modules to the Zone Expansion harness from the 462N Module.

Note: Verify that all devices are connected and wiring is complete prior to panel power-up.

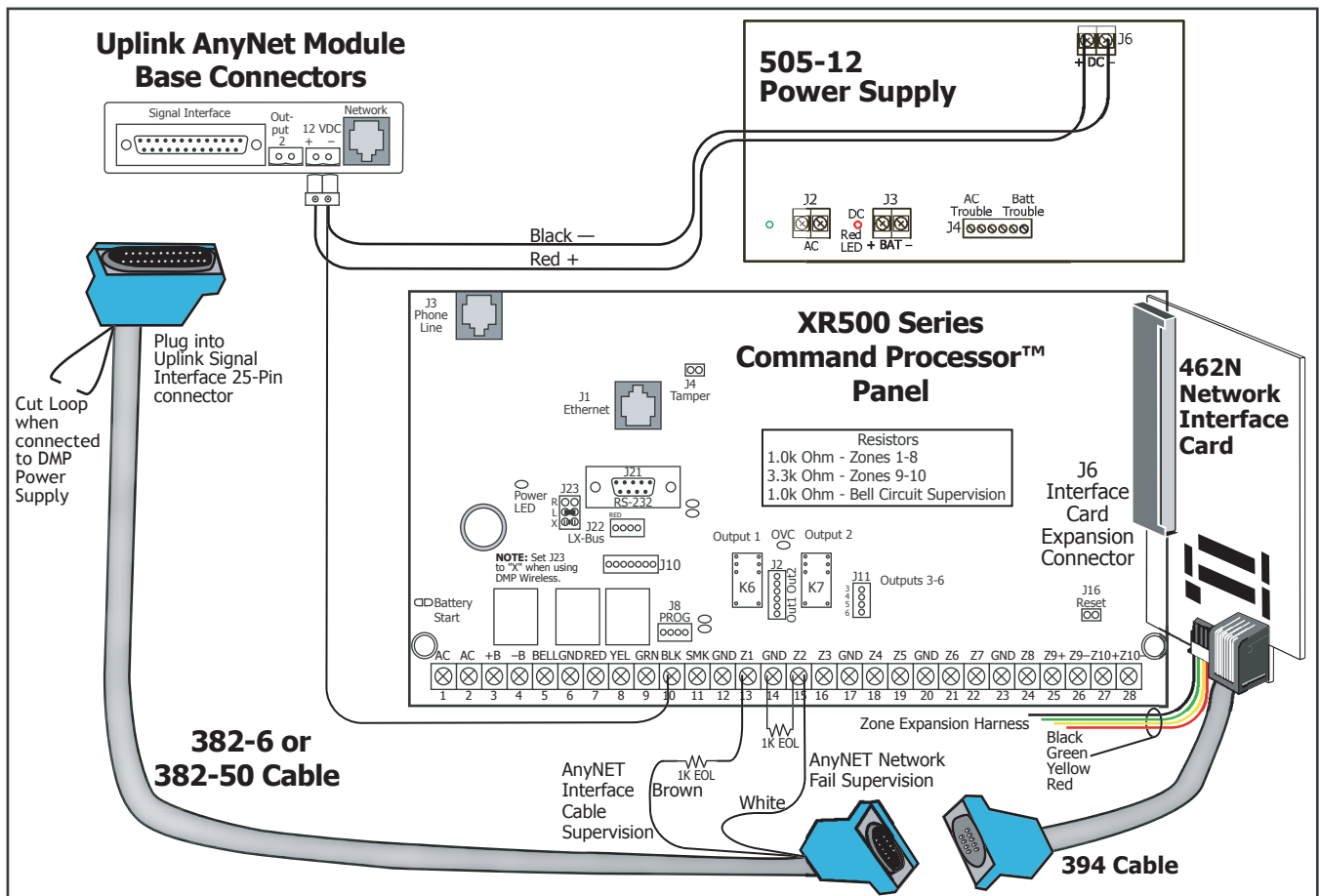9. After panel power-up, briefly reset the panel using the J16 jumper to activate 462N operation.

Figure 3: Connecting the AnyNET-DMP Module Using a DMP Power Supply and 462N Module

Programming

Refer to the XR500 Series Programming Guide (LT-0679) and XR500 Installation Guide (LT-0681) as needed. Use the following programming steps in Communications and Zone Information to configure the XR500 Series panel for AnyNET-DMP backup communication.

Panel Software Versions below 200

1. Program the panel for Communications type NET and enter a remote IP Address.

2. Set NET BACKUP to YES but do not enter a modem string.

3. Set SUPERVISE BACKUP to NO.

4. Set 2ND LINE to 232 and:
   - Set the J23 6-pin jumper to "R" to enable DB-9 operation (J21).
   - Set the J23 6-pin jumper to "L" when a 462N card is installed.

5. Set TEST FREQ (Test Frequency) to REG (daily), 7 days, or 30 days to identify when a recall test message is sent from the panel through the AnyNET-DMP module.

6. Program a NET FAIL TEST time to increase the frequency a recall test message is sent from the panel through the AnyNET-DMP module during a period of network failure on the Remote IP Address (primary).

7. Program Zone 1 to indicate trouble in an open condition to monitor the cable connection between the AnyNET-DMP Module and the panel.

8. Program Zone 2 to indicate a trouble in short condition to monitor the AnyNET-DMP Module network communication. Additionally, in System Options, a supervisory zone retard delay of up to 250 seconds can be programmed for Zone 2.

Panel Software Versions above 200

Set the panel J23 jumper to:
   - "R" to enable DB-9 operation (J21).
   - "L" when a 462N card is installed.

1. Program a panel Communication Path for 232 communication.

2. Program the path type as Primary or Backup.

3. Set TEST FREQ (Test Frequency) to 1 (daily), 7 (weekly), or 30 days to identify when a recall test message is sent from the panel through the AnyNET-DMP module.

4. Program a NET FAIL TEST time to increase the frequency a recall test message is sent from the panel through the AnyNET-DMP module during a period of network failure on the Primary path.

5. Program the 232 Comm Port the AnyNET module is using for communication. When using DB-9 operation, select 'O' for the on-board connector. When installed with the 462N, program this option for the slot (A, B, C, D or E) where the 462N is installed.

6. Program the 232 Setup String as the target IP Address for communication.

7. Program Zone 1 to indicate trouble in an open condition to monitor the cable connection between the AnyNET-DMP Module and the panel.

8. Program Zone 2 to indicate a trouble in short condition to monitor the AnyNET-DMP Module network communication. Additionally, in System Options, a supervisory zone retard delay of up to 250 seconds can be programmed for Zone 2.

Specifications

382-6	6' DB-25 to DB-9 Cable
382-50	50' DB-25 to DB-9 Cable

Compatibility

XR500, XR500N, and XR500E Command Processor™ Panels

Listings and Approvals for AnyNET-DMP

UL 365	Police Connected Burglar
UL 636	Holdup Alarm Units and Systems Accessory
UL 985	Household Fire Warning
UL 1023	Household Burglar
UL 1076	Proprietary Burglar
UL 1610	Central Station Burglar

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