

### How To Determine IP Address

To check an IP address on a Windows 95/98 and Windows ME computers:

- 1 Click **Start**, then select **Run** from the Start window.
- 2 In the Run window type `winipcfg`, then click **OK**.
- 3 When the IP configuration screen pops up, select the Ethernet card in the drop down list.
- 4 The IP will then be displayed.

To check an IP Address on a Windows NT/2000 or Windows XP computers:

- 1 Click **Start**, go to **Programs – Accessories**, then select **Command Prompt**.
- 2 At the command prompt type `ipconfig`.
- 3 The IP address will then be displayed.

### Functions In This Guide

- Determine an IP Address
- Ping an IP Address
- Run a trace to determine where communications terminate
- Telenet to a unit to determine if the port is open and available to be accessed

### Operating Systems

- Windows 95 & 98
- Windows ME
- Windows NT & 2000
- Windows XP



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# Application Guide

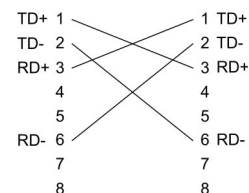
## How to ping IP Address

To Ping a DVMRe or DSR on a Windows 95/98 and Windows ME computer:

- 1 Click **Start**, go to **Programs**, and select **MS-DOS Prompt**.
- 2 At the MS-DOS prompt, type *ping xxx.xxx.xxx.xxx*.
- 3 You will then see a reply or request timed out message.
- 4 Note: *xxx.xxx.xxx.xxx* will be the unit's IP address.

To Ping a DVMRe or DSR on a Windows NT/2000 or Windows XP computer:

- 1 Click **Start**, go to **Programs – Accessories**, then select **Command Prompt**.
- 2 At the command prompt, type *ping xxx.xxx.xxx.xxx*.
- 3 You will then see a reply or request timed out message.
- 4 Note: *xxx.xxx.xxx.xxx* will be the units IP address.



When making a direct connection between a digital recorder and a computer, a network crossover cable is required. See wiring diagram above.

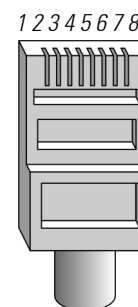
## How To Run A Trace Route To See Where Communications Terminate

To run a trace route to a DVMRe or DSR on a Windows 95/98 and Windows ME computer:

- 1 Click **Start**, go to **Programs**, then select **MS-DOS Prompt**.
- 2 At the MS-DOS prompt, type *tracert xxx.xxx.xxx.xxx*.
- 3 You will then see if and where the connection terminates.
- 4 Note: *xxx.xxx.xxx.xxx* will be the units IP address.

To run a trace route to a DVMRe or DSR on a Windows NT/2000 or Windows XP computer:

- 1 Click **Start**, go to **Programs – Accessories**, then select the **Command Prompt**.
- 2 At the command prompt type *tracert xxx.xxx.xxx.xxx*.
- 3 You will then see if and where the connection terminates.
- 4 Note: *xxx.xxx.xxx.xxx* will be the units IP address.



Pin numbering on RJ45 connector for crossover cable shown above.

## How To Telnet Into A Unit To See If The Port Is Open And Available To Be Accessed

To run a telnet into a DVMRe or DSR on a Windows 95/98 and Windows ME computer:

- 1 Click **Start**, go to **Programs**, then select the **MS-DOS Prompt**.
- 2 At the MS-DOS prompt type *telnet xxx.xxx.xxx.xxx 1024*.
- 3 If a successful connection is made you will see a command prompt on the computers monitor.
- 4 Note: *xxx.xxx.xxx.xxx* will be the units IP address, and *1024* is the port number that the DVMRe and the DSR communicate on.

To run a telnet into to a DVMRe or DSR on a Windows NT/2000 or Windows XP computer:

- 1 Click **Start**, go to **Programs – Accessories**, then select the **Command Prompt**.
- 2 At the command prompt, type *telnet xxx.xxx.xxx.xxx 1024*.
- 3 If a successful connection is made you will see a command prompt on the computers monitor.
- 4 Note: *xxx.xxx.xxx.xxx* will be the units IP address, and *1024* is the port number that the DVMRe and the DSR communicate on.



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