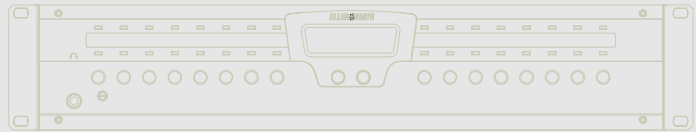


iDR SERIES

DIGITAL SIGNAL PROCESSING



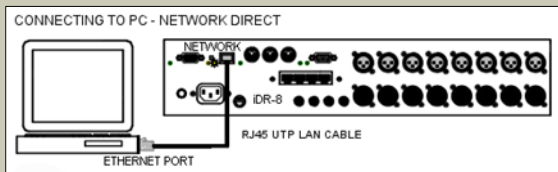
:: WHAT IS TCP/IP?

TCP/IP is the abbreviation for **T**ransmission **C**ontrol **P**rotocol/**I**nternet **P**rotocol. It is a package of communication protocols used to connect devices onto a network and the internet. TCP/IP uses several protocols, the two main ones being TCP and IP.

:: HOW DO I USE TCP/IP TO CONNECT TO AN IDR UNIT?

There are several ways to connect the iDR unit to the controlling computer(s). When using TCP/IP the NETWORK PORT must be used on the back of the iDR unit. There are two ways of communicating using this port:

:: CONNECTING TO A PC - DIRECT CONNECTION

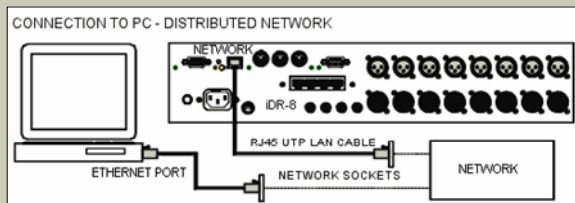


You will need a PC with an Ethernet or network card which has an RJ-45 socket and a standard UTP network cable with RJ-45 plugs.

Connect the PC to the iDR 'NETWORK' port using the network cable, **you do not need to use a crossover network cable.**

Ensure that the blue 'MDI/X' switch next to the 'NETWORK' port is pushed in.

:: CONNECTING A PC AND IDR TO A DISTRIBUTED NETWORK



It is possible to connect iDR units to a network. You will need a PC with an Ethernet or network card which has an RJ-45 socket, standard UTP network cables with RJ-45 plugs and a 2mm Allen key for removing the iDR front panel.

IMPORTANT - Always contact the Network Administrator before plugging your PC or iDR into any network. Conflicts and disruptions may occur if a PC or iDR (when DHCP Setup is set 'NO') with its own IP address is connected to a network.

Connect the PC to a network port using network cable. Connect the iDR-8 to a network port using a network cable. Ensure that the blue 'MDI/X' switch next to the 'NETWORK' port is **out**.

:: ADVANTAGES OF USING TCP/IP TO COMMUNICATE

:: Almost all computer related equipment uses the TCP/IP protocol. This means that hardware for networking is very accessible, it is reliable, fast at transmitting and receiving data and is relatively cheap to purchase.

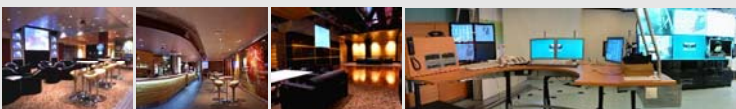
:: TCP/IP is the protocol of the internet which means that you can connect your iDR units to the www and remotely monitor, maintain, manage, control and develop the system from anywhere in the world from a PC running system manager.

:: Multiple computers can be used to access iDR units with or without user restrictions and security settings.

:: Multiple iDR units can be controlled by one or more computers with system manager and/or PL-Client.

:: Custom PC interfaces can be designed for controlling the system. (see information on PL-Designer and PL-Client at www.idrseries.com/pl_designer.asp)

:: TCP/IP offers remote connections and wireless (WI-FI) networking at an affordable price



For more information please refer to the user guide and other supporting information which can be found at:
www.allen-heath.com and www.idrseries.com

ALLEN&HEATH WORLD CLASS MIXING

