



# Quick Start Guide

and

# Safety Information

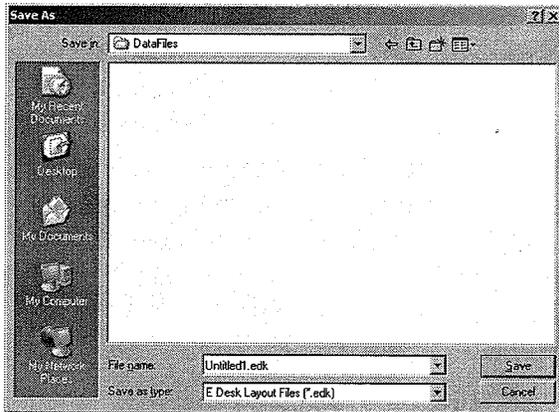
WHIRLWIND  
99 LING RD., ROCHESTER, NY 14612  
[www.whirlwindusa.com](http://www.whirlwindusa.com)  
1-800-733-9473

For more complete instructions, see the software Help file, or the printable Help document (on CD).

## E Desk Quick Start

### Connecting to a networked system using E Desk

- 1. Install E Desk software on a Windows 2000/NT 4.0 PC and XP**  
Requires a PC, Pentium II 300MHz or faster with at least 128MB RAM and a 10/100baseT Network Card.
- 2. Design and Layout system**  
Launch E Desk software. Layout signal flow and DSP as desired. Save layout file (.edk).



- 3. Power up E Desk devices**  
Connect supplied power cord to a grounded AC mains voltage of 100-240VAC @50/60Hz. Connect other end of power cord to power entrance located on the rear of E Desk unit. Note status of front panel LEDs. Under normal conditions, all LEDs will remain green once power-up sequence has completed.

#### 4. Assign IP address to PC

PC must have a unique IP address before it can communicate with an E Desk device.

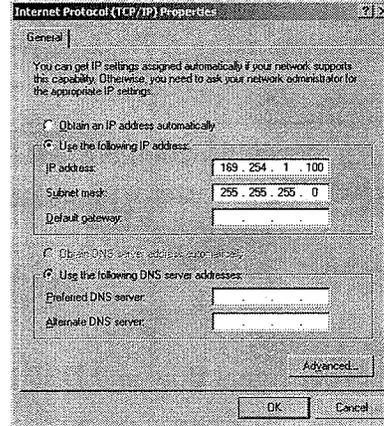
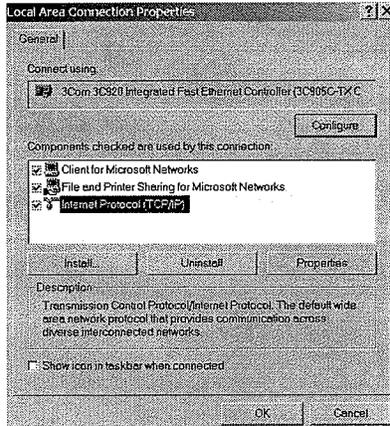
*Right Click My Network>Properties>Local Area Connection>Right Click Properties>TCP/IP>Properties*

Set IP address to 169.254.1.x (x=1-254)

Set Subnet mask to 255.255.255.0

*Click Ok when complete*

*Close My Network*



#### 5. Connect PC to network

Attach a “straight-through” Ethernet cable from PC 10/100baseT network card to a 10/100baseT Ethernet switch. “Straight-through” Ethernet cables connect transmit pins directly to receive pins (pin 1 to pin 1, pin 2 to pin2, pin 3 to pin3, etc.). You can easily determine if an Ethernet cable is “straight-through” by looking at the conductors on the RJ-45 connectors. If the wiring is identical on both ends, it is a “straight through” Ethernet cable.

#### 6. Connect E Desk device to network

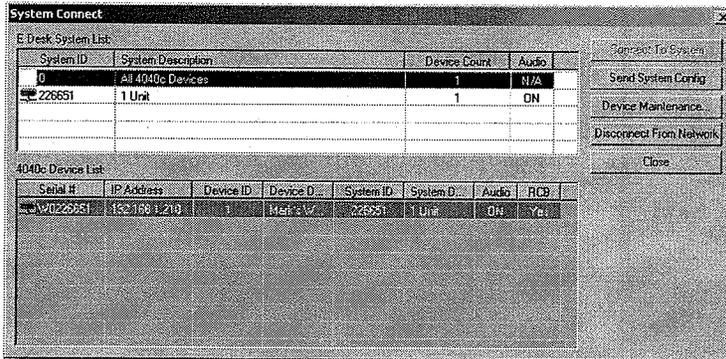
Connect one E Desk device to network using “straight through” Ethernet cable attached from the rear panel Ethernet jack to the 10/100baseT Ethernet switch.

**7. Connect to network with E Desk software**

Open E Desk software then connect to network.

*File>Network>Connect to network*

*Close when complete*



**8. Assign IP address to E Desk device**

All E Desk units ship from the factory with an assigned IP address of 169.254.1.200. When using more than one device in a system, each device must have a unique IP address. E Desk device IP addresses must be different from any PC IP address that will be used in this system.  
*File>Network>Perform E Desk Device Maintenance>Select desired E Desk device>Set IP address*

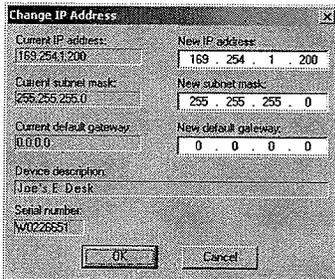
Set IP address to 169.254.1.x (x=1-254)

Set Subnet mask to 255.255.255.0

Set Default gateway to 0.0.0.0

*Click Ok when complete*

*Close Device Maintenance when complete*



Note: To avoid conflict issues that occur when configuring multiple E Desk devices with the same IP number, be sure to only connect one E Desk device at a time to the Ethernet switch when assigning IP addresses.

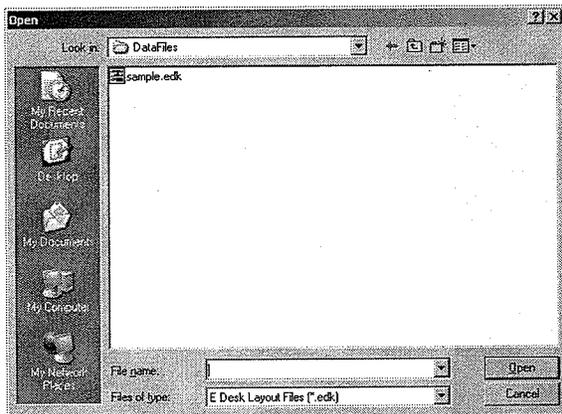
**9. Repeat steps 6-8 until all E Desk devices in system have been connected to network and assigned a unique IP address.**

**10. Connect CobraNet**

For multi-unit systems, “straight-through” Ethernet cables must be connected from the rear panel CobraNet jack of each unit to the 10/100baseT Ethernet switch.

### 11. Open layout (.edk) file

*File>Open>Select file*



### 12. Compile Layout

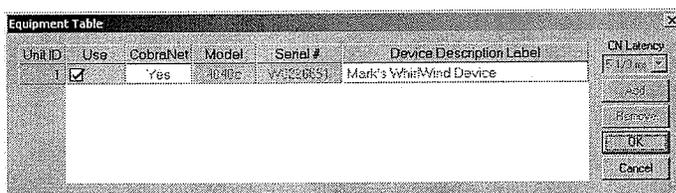
If compilation cannot find a solution, user intervention may be necessary. Check for feedback loops, appropriate I/O, appropriate number of units, appropriate number of CobraNet bundles.



### 13. Choose appropriate E Desk unit(s) from equipment table

*Tools>Equipment table>Select desired E Desk unit(s)*

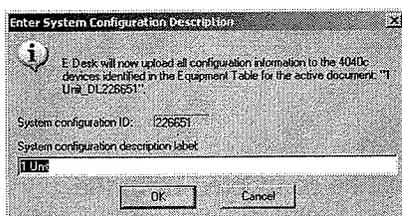
*Select OK when complete*



### 14. Send Configuration

*File>Network>Send System Configuration*

Sends layout configuration to selected E Desk unit(s).



**15. Start Audio**



**16. Adjust component parameters as needed**

**Optional:**

**17. Disconnect PC from E Desk system**

*File>Network>Disconnect from E Desk system*

**18. Disconnect PC from Network**

*File>Network>Disconnect from network*

## SAFETY INFORMATION

The words **WARNING** and **CAUTION** throughout the manual, and on the device, call attention to important safety information. These words have the following meanings.

**WARNING:** The related information alerts you to conditions that could result in serious injury or damage to property if the instructions are not followed properly.

**CAUTION:** The related information instructs you on how to prevent damage to the equipment or how to avoid conditions that could result in minor injury if proper steps are not followed.

Product labelling and the operation manual may use the internationally recognized symbols defined below to note safety messages.



The lightning flash with arrowhead symbol, enclosed within a triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the apparatus's enclosure or at connection terminals that may be of sufficient magnitude to constitute a risk of electrical shock.



The exclamation point, enclosed within a triangle, is intended to alert the user to important installation, operation, and maintenance (servicing) instructions in the literature accompanying the apparatus.

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

**CAUTION:** Installation of this apparatus should be made by a qualified installation person and should conform to all applicable local codes.



Modification and optional equipment information referenced in this manual is for use by qualified installation and service personnel only.



## "INFORMACIÓN DE SEGURIDAD"

Las palabras **PELIGRO** (**WARNING**) y **PRECAUCIÓN** (**CAUTION**) a lo largo del manual y en el dispositivo (sistema), llaman la atención acerca de una importante información de seguridad. Estas palabras tienen los siguientes significados:

**PELIGRO** : la información relata las condiciones en que podría ser dañada seriamente la propiedad si no se siguen adecuadamente las instrucciones.

**PRECAUCIÓN** : la información que se relata le instruye en cómo prevenir daños al equipo o como evitar condiciones que podrían resultar en perjuicio menor si los pasos adecuados no son seguidos correctamente.

El etiquetado del producto y el manual de operación pueden hacer uso de los símbolos reconocidos internacionalmente y cuyos mensajes están definidos a continuación para modificar mensajes de seguridad:



El símbolo del rayo encerrado en un triángulo pretende alertar al usuario de la presencia de un peligroso voltaje no aislado, dentro de la caja del aparato o a un terminal de conexión y que podría ser de suficiente magnitud como para constituir un grave riesgo de descarga eléctrica.



El punto de exclamación dentro de un triángulo pretende alertar al usuario de la importancia de las instrucciones de instalación, operación y mantenimiento (servicio) que acompañan al aparato.

**PELIGRO** : para reducir el riesgo de fuego o una descarga eléctrica, no exponer este (**WARNING**) aparato a la lluvia o la humedad.

**PRECAUCIÓN** : la instalación de este aparato debería hacerse por una persona cualificada en la instalación, y debería conformar todos los códigos locales aplicables. (**CAUTION**)



La modificación y la información opcional del equipo referenciada en este manual es para ser utilizada únicamente por personal cualificado en instalación y servicio.



## INFORMATION CONCERNANT VOTRE SECURITE

Les mots **WARNING** et **CAUTION** dans le manuel d'utilisation et sur les appareils attirent votre attention sur les plus importantes informations concernant votre sécurité. Ces mots ont la signification suivante:

**WARNING:** Ce mot vous indique les circonstances dans lesquelles vous pourriez être blessé ou endommager votre équipement si les instructions ne sont pas suivies correctement.

**CAUTION:** Ce mot vous indique comment éviter d'endommager votre matériel et comment éviter de vous blesser si vous ne suivez pas les instructions.

Vous trouverez peut-être les symboles suivants sur votre appareil ou dans le manuel d'utilisation.



L'éclair se terminant en flèche dans un triangle permet de prévenir l'utilisateur d'un voltage dangereux non isolé dans l'appareil ou d'une connexion d'une amplitude suffisante pour constituer un risque de choc électrique.



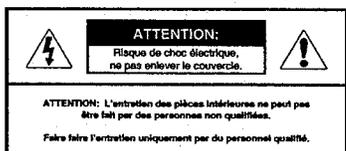
Le point d'exclamation dans un triangle permet de prévenir l'utilisateur des points importants concernant l'installation, le fonctionnement et l'entretien de l'appareil figurant dans le manuel d'utilisation.

**WARNING:** POUR REDUIRE LES RISQUES DE FEU OU DE CHOC ELECTRIQUE, NE PAS METTRE L'APPAREIL SOUS LA PLUIE OU DANS L'HUMIDITE.

**CAUTION:** L'installation de cet appareil doit être faite par un installateur qualifié et doit être en conformité avec toutes les lois locales en application.



Les informations concernant une modification ou un équipement en option dans le manuel doivent être effectués par du personnel qualifié.



## INFORMAZIONI PER LA SICUREZZA

Le parole **AVVERTENZA** (**WARNING**) e **PRUDENZA** (**CAUTION**) poste sul manuale d'uso e sul apparato richiamano la vostra attenzione su delle importanti informazioni per la vostra sicurezza. Queste parole hanno il seguente significato.

**AVVERTENZA:** La suddetta indicazione vi avvisa sul rischio di incorrere in danni a cose o a (**WARNING**) persone, se le procedure d'uso e installazione non saranno seguite propriamente.

**PRUDENZA:** La suddetta indicazione vi instruisce su come prevenire e ridurre al minimo, il rischio di (**CAUTION**) danni agli apparati e alle persone se le istruzioni saranno seguite propriamente.

Le apparecchiature e i manuali di istruzioni riporteranno la simbologia standard raffigurata qui sotto, accompagnate dalle relative informazioni per la sicurezza.



La simbologia con il fulmine all'interno di un triangolo, intende avvisare l'utente della presenza di alto voltaggio all'interno del apparecchio in questione, e che il suddetto apparecchio si alimenta attraverso una tensione di rete ad alto voltaggio e che dunque si potrebbe incorrere sul rischio di una possibile scossa elettrica.



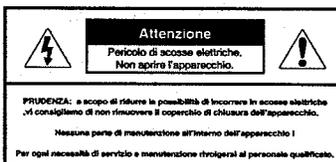
La simbologia con il punto esclamativo all'interno di un triangolo, intende avvisare l'utente di una serie di istruzioni contenute nel manuale d'uso riguardanti: operato, manutenzione e assistenza. Il suddetto manuale sarà a corredo dell'apparecchio.

**AVVERTENZA:** PER RIDURRE IL RISCHIO DI POSSIBILI INCENDI O SCOSSE (**WARNING**) ELETTRICHE, SCONSIGLIAMO L'APPARECCHIO ALLA PIOGGIA O ALL'UMIDITA'.

**PRUDENZA:** l'installazione di questo apparato dovrà essere effettuata solo da personale (**CAUTION**) qualificato e il tipo di installazione dovrà essere in regola con le norme vigenti locali.



Modifiche e ulteriori informazioni specificate in questo manuale sono solamente riservate al personale qualificato all'installazione.



# IMPORTANT SAFETY INFORMATION

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with a dry cloth.

Do not block any of the ventilation openings.

Install in accordance with the manufacturer's instructions.

**WARNING** - To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.

The apparatus shall not be exposed to dripping or splashing and no objects, such as vases, shall be placed on the apparatus.

Unplug this apparatus during lightning storms or when unused for long periods of time.

**CAUTION** - Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.