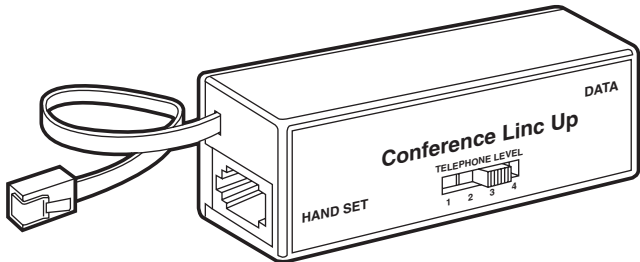




Conference Linc-Up



CUSTOMER SUPPORT INFORMATION

Order **toll-free** in the U.S.: Call **877-877-BBOX** (outside U.S. call **724-746-5500**)

FREE technical support 24 hours a day, 7 days a week: Call **724-746-5500** or fax **724-746-0746**

Mailing address: **Black Box Corporation**, 1000 Park Drive, Lawrence, PA 15055-1018

Web site: www.blackbox.com • E-mail: info@blackbox.com

**FEDERAL COMMUNICATIONS COMMISSION
AND
INDUSTRY CANADA
RADIO FREQUENCY INTERFERENCE STATEMENTS**

This equipment generates, uses, and can radiate radio-frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio communication. It has been tested and found to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are designed to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This digital apparatus does not exceed the Class A limits for radio noise emission from digital apparatus set out in the Radio Interference Regulation of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de classe A prescrites dans le Règlement sur le brouillage radioélectrique publié par Industrie Canada.

**NORMAS OFICIALES MEXICANAS (NOM)
ELECTRICAL SAFETY STATEMENT**

INSTRUCCIONES DE SEGURIDAD

1. Todas las instrucciones de seguridad y operación deberán ser leídas antes de que el aparato eléctrico sea operado.
2. Las instrucciones de seguridad y operación deberán ser guardadas para referencia futura.
3. Todas las advertencias en el aparato eléctrico y en sus instrucciones de operación deben ser respetadas.
4. Todas las instrucciones de operación y uso deben ser seguidas.
5. El aparato eléctrico no deberá ser usado cerca del agua—por ejemplo, cerca de la tina de baño, lavabo, sótano mojado o cerca de una alberca, etc..
6. El aparato eléctrico debe ser usado únicamente con carritos o pedestales que sean recomendados por el fabricante.
7. El aparato eléctrico debe ser montado a la pared o al techo sólo como sea recomendado por el fabricante.
8. Servicio—El usuario no debe intentar dar servicio al equipo eléctrico más allá a lo descrito en las instrucciones de operación. Todo otro servicio deberá ser referido a personal de servicio calificado.
9. El aparato eléctrico debe ser situado de tal manera que su posición no interfiera su uso. La colocación del aparato eléctrico sobre una cama, sofá, alfombra o superficie similar puede bloquea la ventilación, no se debe colocar en libreros o gabinetes que impidan el flujo de aire por los orificios de ventilación.

10. El equipo eléctrico deber ser situado fuera del alcance de fuentes de calor como radiadores, registros de calor, estufas u otros aparatos (incluyendo amplificadores) que producen calor.
11. El aparato eléctrico deberá ser connectado a una fuente de poder sólo del tipo descrito en el instructivo de operación, o como se indique en el aparato.
12. Precaución debe ser tomada de tal manera que la tierra fisica y la polarización del equipo no sea eliminada.
13. Los cables de la fuente de poder deben ser guiados de tal manera que no sean pisados ni pellizcados por objetos colocados sobre o contra ellos, poniendo particular atención a los contactos y receptáculos donde salen del aparato.
14. El equipo eléctrico debe ser limpiado únicamente de acuerdo a las recomendaciones del fabricante.
15. En caso de existir, una antena externa deberá ser localizada lejos de las líneas de energia.
16. El cable de corriente deberá ser desconectado del cuando el equipo no sea usado por un largo periodo de tiempo.
17. Cuidado debe ser tomado de tal manera que objetos liquidos no sean derramados sobre la cubierta u orificios de ventilación.
18. Servicio por personal calificado deberá ser provisto cuando:
 - A: El cable de poder o el contacto ha sido dañado; u
 - B: Objetos han caído o líquido ha sido derramado dentro del aparato; o
 - C: El aparato ha sido expuesto a la lluvia; o
 - D: El aparato parece no operar normalmente o muestra un cambio en su desempeño; o
 - E: El aparato ha sido tirado o su cubierta ha sido dañada.

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Any trademarks mentioned in this manual are acknowledged to be the property of the trademark owners.

1. Specifications

Data Rate —	Up to 33.6 kbps
Connectors —	(1) RJ-22F, (1) RJ-11F, (1) RJ-22M
Operation —	Full duplex
Operating Environment —	For indoor use only
Power —	External power adapter; Input: 110 VAC, 60 Hz, 9W Output: 12 VDC, 200 mA
Size —	1.3"H x 3.7"W x 1.1"D (3.3 x 9.4 x 2.8 cm)
Weight —	2.3 oz. (65.2 g)

2. Operation

The Conference Linc-Up lets you connect a speakerphone to the telephone line through the handset port of the telephone.

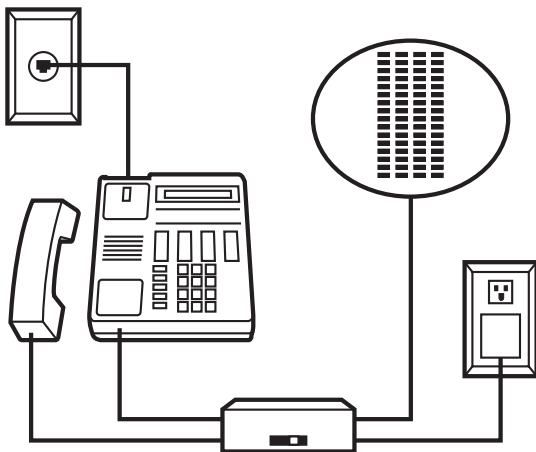


Figure 1. Typical Installation.

1. Unplug the coiled handset from the telephone.
2. Plug the short cord on the Conference Linc-Up into the handset jack on the telephone base (from which you just removed the coiled cord).
3. Plug the coiled cord from the handset into the Conference Linc-Up jack labeled “HAND SET.”
4. Plug the telephone cord from the speaker phone outlet labeled “Line” or “Wall” into the Conference Linc-Up jack labeled “DATA PORT.”
5. Plug the AC adapter into the jack on the end of the Conference Linc-Up. The Conference Linc-Up will not operate without a power supply.
6. Place the OUTPUT LEVEL switch in the #3 position. Your telephone can now be used in the normal manner. Try your telephone to make sure it is operating properly.
7. The “OUTPUT LEVEL” switch on the Conference Linc-Up sets the signal level from your speaker phone the telephone. This switch must be set for the type of telephone instrument you are using. The “#2” position is the highest level and is used with telephones that have carbon microphones. Many of the older

hotel/motel telephones are of this type, as are the majority of older standard telephones found in the home. When the “OUTPUT LEVEL” switch is set in a position where the level is too high, there will be feedback to the handset earpiece or speaker phone. Feedback may appear as a buzz, tone, or even a loud squeal. If feedback is present, move the “OUTPUT LEVEL” switch to the next lower setting until the feedback is eliminated. “OUTPUT LEVEL” sequence is 2-3-1-4, in descending order.

8. Prepare your speaker phone for operation. Set up to the point where all you have to do is press the key to take speaker phone “off hook.”
9. Lift the handset from its cradle and press the speaker phone “off hook” button.

NOTE

If you have a digital telephone that does not allow speaker-phone dialing (see the chart on page 9), you must dial with the telephone. If you have “re-dial” or an “autodial” feature on your telephone, program the host number there.

10. Leave your handset off the cradle while communicating on the speaker phone.

Table 1. Some Common Telephone Systems and Their Appropriate Conference Linc-Up Settings

Manufacturer	Name	Switch Settings	Speaker-Phone Dialing
AT&T®	Dimensions®	3	Yes
AT&T	Horizon®	2	Yes
AT&T	Infinity	3	Yes
AT&T	Merlin®	3	Yes
AT&T	Spirit	3	Yes
AT&T	System 25	3	*#
AT&T	System 75	3	7200 — Yes
AT&T	System 75	3	7300 — No
AT&T	System 75	3	7400 — Yes
AT&T	System 85	3	Yes
Eagle®	—	2	Yes
Executone	—	2	Yes
Fujitsu®	—	4	*#
Harris®	—	3	Yes
Intertel	—	4	Yes
Isoetec	—	3	Yes
Iwatsu	Omega	2	Yes #
Lanier	—	3	Yes
Lexar (see Note)	—	4	*#
Mitel	Superset	3	Yes
NEC	—	1	Yes
Northern Telecom®	Focus	3	*

CONFERENCE LINC-UP

Table 1 (continued). Some Common Telephone Systems and Their Appropriate Conference Linc-Up Settings

Manufacturer	Name	Switch Settings	Speaker-Phone Dialing
Northern Telecom	Meridian	3	*#
Northern Telecom	Vantage	3	Yes
Panasonic®	—	3	Yes
Premier	—	3	Yes
Rolm®	—	4	*#
Siemens (see Note)	Saturn	4	Yes
Telrad	—	4	Yes
TIE	—	2	Yes
Toshiba®	EKT 2000 Series	2	Yes
Toshiba (see Note)	EKT 6000 Series	4	Yes
Toshiba	103 Series	2	Yes
Walker	Poet	3	Yes

* For dialing, the PBX needs to be programmed for direct trunk access.

You must dial an outside-line access on the telephone before dialing with the speaker phone.

NOTE

Lexar and many Siemens® Saturn Systems require a special unit or adapter cables.

3. Operating Tips

- Make sure your speaker phone is taken “off hook.”
- Make sure that your speaker phone is in the “TONE DIAL” mode, not in the pulse dial mode.
- Make sure the telephone handset has been lifted out of the cradle.
- Remember that the Conference Linc-Up must have the AC adapter connected in order to operate.
- The Conference Linc-up will not operate with telephones which have the dialer in the handset, such as Princess or Trimline® phones. The electronics with which the Conference Linc-Up interacts are not accessible in these telephones.
- Remember that the Conference Linc-Up disconnects the telephone handset microphone when the speaker phone is “off hook.”



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