

# *The Equalizer*

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Model: K-EQ40



## **INSTRUCTION MANUAL**

First Edition 2005

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**Krown The Equalizer** | Instructions | 1st Edition | August 2005

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# Introduction

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Thank you for purchasing the new Krown Equalizer 40 (K-EQ40) amplified telephone. This phone has been designed for those individuals with mild to moderate hearing loss. The K-EQ40 is designed to control the volume of the phone as well as the frequencies that best fit your hearing. The K-EQ40 has three pitch control buttons allowing you to customize the phone to your desire. The equalizer is set at 600 Hz, 1.2 KHz and 2.4 KHz.

The K-EQ40 is designed with unique feature to protect the hearing in your family. It has one-touch button that automatically resets the equalizer to normal level once the phone is hung up. It helps to protect your family from being exposed to dangerous sound levels.

Please read this manual very carefully before using your K-EQ40 and keep it for future reference. Staple the sales receipt to this booklet for easy access in the event you need to contact Krown Manufacturing for any warranty issues or questions about your purchase.

If you have any questions about our Krown Equalizer 40 that were not covered in this manual, please contact the Krown technical staff at 1-800-366-9950.

## **READ THIS FIRST**

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We have designed the Equalizer 40 to conform to the federal regulations and you can connect it to most telephone lines. However, each device you connect to the phone line draws power from the phone line. This power draw is the device's Ringer Equivalence Number, or REN. The REN is on the bottom of your phone.

If you are using more than one phone or other device on the line, add up all the REN numbers. If the total is more than five (or three in rural areas) your phones may not ring. If your phone is not ringing, remove one of the devices from the line.

If your phone causes problem on the phone line, the phone company can disconnect your service. The phone company tries to notify you in advance. If advance notice is not practical, the phone company will notify you as soon as possible and will advise you of your right to file a complaint with the FCC.

The phone company can also make changes to its lines, equipment, operations, or procedures that could affect your phone's operation. The phone company notifies you in advance, so you can take the necessary steps to prevent interruption of your phones service.

## **FCC STATEMENT**

Your telephone complies with Part 68 of *FCC Rules*. You must, upon request, provide the FCC registration number and the REN to your telephone company. These numbers are on the bottom of your phone.

# SETUP

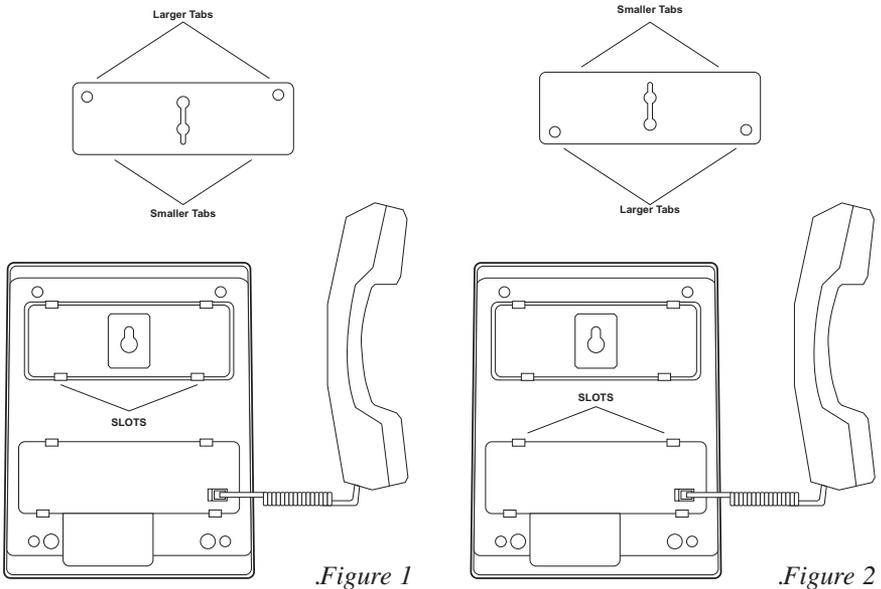
- Note:**
- Your telephone connects directly to a modular phone line jack. If your phone line is not a modular jack, you can update the wiring yourself, using jacks and adapters available at your local electronics store. Or, you can let the telephone company update the wiring for you.
  - The USOC number of jack to be installed is RJ11C or RJ11W for a wall plate jack.

## HANDSET CONNECTION

Plug the handset cord into the jack on the handset and on the side of the base unit. Press the cord into the channel provided to keep it out of the way.

If you want to place the phone on a desk, plug one end of the supplied long telephone cord into the jack on the back of the base. Plug the cord's other end into a modular phone jack.

To position the phone so it tilts up slightly, attach the mounting bracket for desktop use. Remove the handset from its cradle and turn the phone upside down. Insert the two smaller tabs into the slots (see Figure 1 & 2) and then press down the bracket's top edge until the two larger tabs snap into place.



*.Figure 1*

*.Figure 2*

- Note:** If the large tabs do not snap in easily, push slightly against the tabs while you press down on the bracket.

## Mounting the Phone on a Wall Plate our Wall

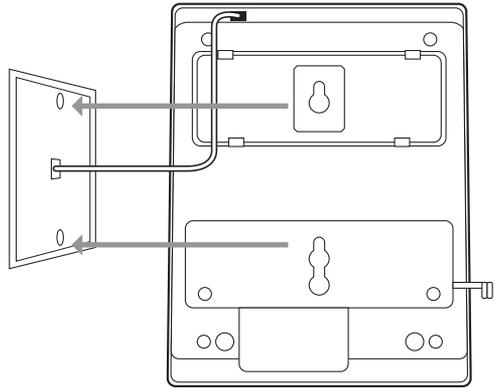
If you prefer a wall-mounted phone to a desktop phone, you can mount the phone on a wall plate or directly on a wall.

Attach the mounting bracket to the bottom of the phone so there is a second keyhole slot for wall mounting. Remove the handset from its cradle and turn the phone upside down. Inset the two smaller tabs into the slots shown in figure 3, then press down on the bracket's bottom edge until the two larger tabs snap into place.

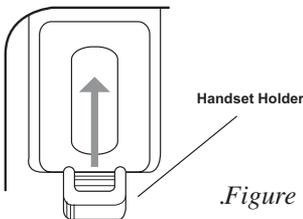
**Note:** If the large tabs do not snap in easily, push slightly against the tabs while you press down on the bracket.

Follow these steps to mount the phone on a wall plate. See Figure 3

1. Plug one end of the supplied short telephone cord into the jack on the back of the base.
2. Plug the other end of the cord into the wall plate jack, then fit the keyhole slots over the wall plate studs and slide the base downward to secure it.
3. Before you hang up the phone's handset, slide up the handset holder to remove it see figure 6.



*Figure 3*



*Figure 4*

Turn over the handset holder so its tabbed edge faces up, and then slide it back down into its slot.

**Note:** To mount the phone directly on a wall, you need two screws (not supplied) with heads that fit into the keyhole slots on the bottom of the base.

Follow these steps to mount the phone directly on a wall.

1. Drill two holes  $3 \frac{15}{16}$  inches (100 mm) apart. Then thread a screw into each hole, letting the heads extend about  $\frac{1}{8}$  inch (3.5 mm) from the wall. See Figure 5

2. Plug one end of the supplied long telephone cord into the jack on the back of the base.
3. Plug the other end of the long telephone cord into a modular phone jack, then fit the keyhole slots over the screw heads and slide the base downward to secure it.
4. Before you hang up the phone's handset, slide up the handset holder to remove it, turn it over so its tabbed edge faces up, and then slide it back down into its slot.

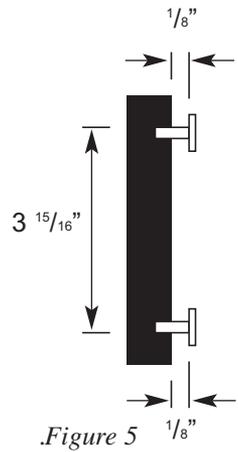


Figure 5 1/8"

## USING THE PHONE

Slide the **HANDSET VOLUME** (it is located on the left side of the base) to a comfortable listening level.

Set the ringer volume by sliding **RINGER** to **HI (high)** to amplify the ringer in a noisy room, or to **LO (low)** for a softer ring in a quiet room. To turn off the ringer, set it to **OFF**. You can still make calls with the ringer off; you can also receive calls if you hear another phone on the same line ring, see the ring indicator light flash, or if you have an additional or alternative ring signaler.

To adjust the pitch of the ringer set **PITCH** to 1 (low frequency), 2 (medium frequency), or 3 (high frequency).

Set **TONE/PULSE** to **TONE** (tone) or **PULSE** (pulse) to match the type of service you have.

The base's red top right corner is a ring indicator that will flash when the phone rings, even if the ringer is turned off.

Press **REDIAL** to dial the last number dialed (up to a 32 digit number).

Press **FLASH** to perform the switchhook operation for special services, such as Call Waiting. If you do not currently have that service with your local telephone company, pressing **FLASH** may disconnect your call. To obtain these service contact your local telephone company for details and subscription information regarding this service.

**Note:** The redial memory does not store a **FLASH** entry or any digits entered before you press **FLASH**.

## USING THE EQUALIZER

The phone's 3-band equalizer boosts the sound of three frequency ranges (600 Hz, 1.2 kHz, 2.4 kHz) to compensate for the ear's limited sensitivity in these ranges. To adjust the settings, open the cover next to the **EQUALIZER** button (it reads Krown Manufacturing). Slide each switch toward "+" to increase or amplify sound, or toward "-" to decrease the sound within that specific range.

To turn on the equalizer, press **EQUALIZER** after you pick up the handset, or at any time during a call. The indicator below the button lights up to indicate the equalizer is in use. To turn off the equalizer during a call, press **EQUALIZER** again. The indicator light will turn off when the equalizer is not being used. The equalizer will turn off automatically once the phone has been hung up.

## MEMORY DIALING

Your phone allows you to store two types of number up to 16 digits each for fast memory dialing:

- Up to three emergency numbers that you can dial by pressing one of the three priority buttons (the buttons with symbols)
- Up to 10 standard memory numbers that you can dial by pressing two buttons.

## STORING A NUMBER

1. Lift the handset and press **STORE**.
2. Enter the phone number you want to store then press **STORE**.  
**Note:** To enter a pause of about three seconds after an access code (9 for example), dial the access code press **REDIAL**, then enter the number.
3. Press    to store emergency numbers (for ambulance, police or fire department) or press one digit (0-9) to store other frequently dialed numbers. For example, to store the first number as zero you would lift the handset and press **STORE**. Then enter a number for example Krown Manufacturing 817-738-2485, press **STORE** again, then press number 1. "817-738-2485" is now stored as number 1.

## DIALING A STORED NUMBER

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To dial a number stored in an emergency memory location (the buttons with symbols) lift the handset and press (insert picture).

To dial a number stored in a standard memory location, lift the handset and press **MEMORY**, then the desired memory location of the number (0-9). For example, to dial 817-738-2485 the number we stored above, lift the handset and press **MEMO-RY** then number 1.

**Note:** If you store an emergency service's number (police, fire department, ambulance) and you want to test the stored number, make the test call during the late evening or early morning hours to avoid peak demand periods. Remain on the line to explain the reason for your call.

## CARE

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To enjoy your K-EQ40 for a long period of time:

- Keep the phone dry. If it gets wet, wipe it dry immediately.
- Use and store the phone only in normal temperature environments.
- Handle the phone gently and carefully. Do not drop it.
- Keep the phone away from dust and dirt.
- Wipe the phone with damp cloth occasionally to keep it looking new.

Modifying or tampering with the phone's internal components can cause a malfunction and invalidate its warranty. If your phone is not performing as it should, contact the Krown Manufacturing technical department for assistance. If the trouble is affecting the phone lines, the phone company may ask you to disconnect your phone until you have resolved the problem.

# Consumer Information

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- a) This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.
- b) An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., RJ11C) in the packaging with each piece of approved terminal equipment.
- c) A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.
- d) The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. [For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.]
- e) If this equipment K-EQ40 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
- f) The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- g) Should you experience trouble with this equipment, please contact Krown Manufacturing Inc., 3408 Indale road, Fort Worth, Texas 76116. (Phone number: 817 738 2485) for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
- h) Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.
- i) Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
- j) NOTICE: If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this K-EQ40 does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.
- k) This equipment is hearing aid compatible.

NOTICE: According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrestor is recommended.





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