

QUICK TROUBLESHOOTING

Q. Operator cannot hear passenger at beginning of call.
A. If not using voice message announcement—check to see if it is deleted properly.

Q. Can the phone work only on phone line power?
A. Yes, as long as phone line conditions meet the 30mA minimum specifications. If not, the 9V battery can be used to supplement phone line power. The battery should be replaced every 2 years, or after 30 hours of phone activation.

Q. Passenger cannot hear operator.
A. Check for excessive noise in elevator, such as a bad fan. On COP mount units check for proper sealing between COP and phone faceplate.

Q. LED stays lit
A. Check that Program switch (P →) is in the off position.

Line Specifications: (See also the Installation Guide)

The K-Tech ET401 works on most phone lines meeting the following minimum conditions:

1. 24 - 51 V Analog line (on hook)
2. DTMF compatible
3. 30 mA min loop current
4. 18 -22 gauge shielded twisted pair in elevator traveling cable.

Phone number hints:

Check to see if you need to dial the area code or 1 before the number.

On PBX systems you may have to put a 9 or 8 and a pause (*) before the phone number. Also you may need to set the timer to "02" or "03" for proper shutoff.

Special Conditions:

The K-Tech ET401 has its own built in dialer and cannot be used with an external dialer.

Using the phone on a **ringdown** circuit may restrict use of features which are related to the dialing circuit. Program a pause in phone location 1.

All special phone line features, such as call waiting and call forwarding should be turned off.

**THE INFORMATION BELOW IS IMPORTANT.
YOU MUST HAVE THE SERIAL NUMBER
AVAILABLE WHEN CALLING TECH SUPPORT.**

K-Tech International Inc.
Part # PCB045 Rev. ____

SERIAL #

4 _ _ _ _ _

Serial Number: _____

Date Installed: _____

Installed by: _____

Phone Line #: _____

Phone line Voltage: 48VDC (POTS or CO line)
 24VDC (PBX System)
 Other _____

Phone Number(s)
Dialing:

1. _____
2. _____
3. _____
4. _____
5. _____

Voice message



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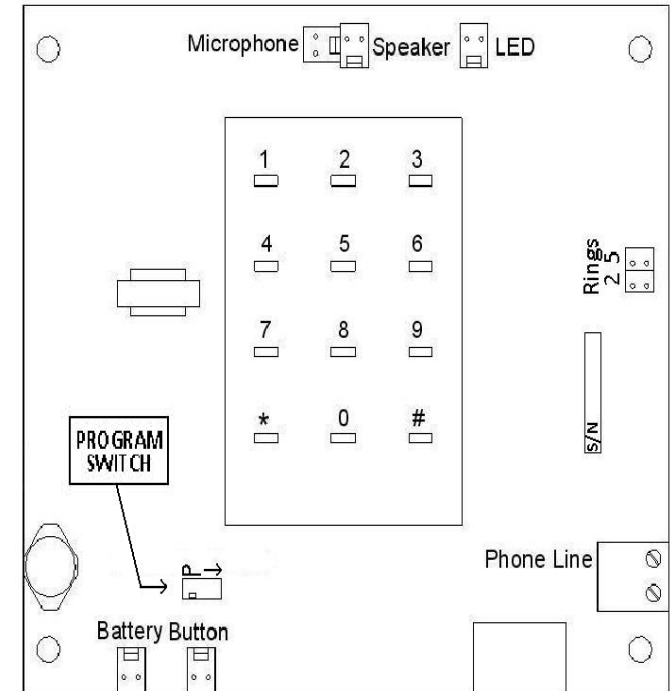
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ET401 Programming Guide

**Keep This Booklet for
Reference**

Additional information is available at
www.KTechOnline.com

STEP 1 PROGRAMMING MODE

The phone can be programmed with the keypad or remotely over the phone line. A 9V alkaline battery is required to use the keypad.

To enter programming mode:

1. Connect the battery
2. Slide program switch (labeled P →) to the right.
3. Wait 5 seconds or until the LED is lit.
4. Press the * key followed by the 7 key
5. Wait for the voice to prompt you for a security code.
6. Enter security code [factory default is 1234].

You are now in programming mode and you will be prompted with the following message: **“Enter star then program feature number.”**

Important: wait for voice prompt to end before pressing any keys.

Press the * key then the number of the feature you want to program.

To exit programming:

1. Press the * key followed by the # key to exit.
 2. Slide program switch (labeled P →) to the left.
 3. Disconnect 9V battery
- If security code is lost or forgotten, phone must be returned to K-Tech for reprogramming.

STEP 2 PHONE NUMBER

1. Enter programming mode.
2. Press * then 3 wait for prompt.
3. Enter memory address, start with 1. For multiple numbers use 2 - 5.
4. Enter phone number, then press the # key (use the * key to program a pause).
5. Phone will play back the number. (If incorrect go to step 2).
6. Repeat steps 2 and 3 for multiple numbers.
7. Program next feature or exit program mode

STEP 3 THE MESSAGE

1. Enter programming mode.
2. Press * then 1.
3. Press # to start recording, # when finished.
4. After recording, phone will play back the message. If incorrect go to step 2.
5. Program next feature or exit program mode

To delete message:




1. Enter programming mode.
2. Press *, then 1.
3. Press #, #.
4. There will be no message played back, or you will hear a short tone when erasing remotely.
5. Program next feature or exit program mode

STEP 4 VOLUME

1. Enter programming mode.
2. Press * then 0 and wait for prompt.
3. Enter a number between 1 and 7 (1 is the softest setting, and 7 is the loudest)
4. Program next feature or exit program mode

STEP 5 SETTING INCOMING RINGS

Auto answer is programmed with the Ring jumper as shown:

- | | | |
|-----|---|----------------------|
| 2 5 |  | No Jumper = 1 ring |
| 2 5 |  | One Jumper = 2 rings |
| 2 5 |  | One Jumper = 5 rings |

FEATURE LIST

Program Feature Number [Default Setting]

- 1 – Voice Message #1 [Blank] (Automatic)
- 2 – Voice Message #2 [Serial number]
- 3 – Phone Directory -[Blank]
Memory address 1,2,3,4,5 (phone number must be at least one digit—max 20 digits)
- 4 – Auto shut off timer [05 minutes]
- 5 – Outgoing number of rings [4]
- 7 – Enter programming mode
- 8 – ID number [01]
- 9 – Security code [1 2 3 4]
- 0—Volume [5]

STEP 6 TESTING

ACTIVATION

Press the activating push-button. The LED will turn on, then dial tone will be heard for 2-3 seconds. The first phone number will dial. If the call is answered within the programmed number of rings, the voice announcement will play to the answering party only. Check for two way communication. Have them press # to flash a single LED or activate the second LED. Tell them the phone ID number.

FOR MULTIPLE NUMBER DIALING

If the call is not answered within the programmed number of rings or the number is busy the phone will hang up and dial the next number until all numbers in memory have been dialed. It then returns to the first number for a total of twelve attempts.

CALLING THE PHONE

Have the called party call back to the ET401. It will ring, then automatically answer the incoming call and establish two-way communication.

ENDING THE CALL

The phone will automatically shut off within 10 seconds after the answering party hangs up, or by the auto shut off timer.

The K-Tech ET401 Series meets FCC 15 and 68 standards, IC and ETL approval

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REN (Ringer Equivalence Number) 1.0