When people talk about thinking outside the box . . .

we say, “What box?”
When our security phones were selected by the Office of the Architect of the Capitol for the new Capitol Visitor Center in Washington, D.C., we stepped back and thought about the remarkable journey that has brought us where we are today. Thirty years ago, when K-Tech International began, we ran our operation out of a garage. Today, we have a research and development team that is staffed by some of the best engineers in the industry. We have a testing lab that other companies only dream about. And, we have products installed in buildings like the U.S. Capitol, the Pentagon, the University of Connecticut, and other similarly prominent places all over the world.

Our security phones, load-weighing systems, and barricades have set new standards for the marketplace. All of our products are made proudly in the USA. Our Tech support also is US-based, free, and rivaled by none. In 2010, we demonstrated just how confident we are in our products by adopting a no-questions-asked, 3-year warranty.

We grew to become what we are today by a simple formula: faith, hard work, ingenuity, and putting our customers first.

We welcome your decision to benefit from our remarkable and blessed journey.


Sam Massameno
President
MAINTENANCE BARRICADES

Heavy Duty
Interlocking 42” High

Bear-i-cade™ light weight (3.5 lbs.) panels
• Protect pedestrians from hazardous areas
• Made of rugged, 10 mm thick corrugated polypropylene
• ANSI approved bright yellow color and black graphics
• “CAUTION” with a universal symbol for stop
• Flat bottom edge keeps tools and hardware from straying out of the work area
• 36” wide panels can be interlocked to form any width or shape
• 42” panels lock and anchor as required by 2010 Field Employee Safety Handbook

Bear-i-cade™ Locks keep the panels rigid by locking into the barricade panel providing a snug, non-slip fit
• Bear-i-cade™ Anchor Kit securely attaches the safety barricade to escalator balustrades, elevator entrance frames or other smooth surfaces
• Custom printing available

BI42 Single Panel 42” H x 36” W x 10 mm T
BI42-3K 3 Panel Set w/2 Anchors & 2 Locks (10 mm)
BI42-4K 4 Panel Set w/2 Anchors & 3 Locks (10 mm)
BI110L Barricade Lock
BI325AK Barricade Anchoring Kit

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Specifications

Phone Line:
- ET401: 24-48 VDC 30 mA
- ET901: 11-48 VDC 15 mA

Power Requirements:
- ET401: phone line
- ET901: 120 VAC 50 mA (Ni-MH backup battery included)

Wiring:
- 20 AWG shielded twisted pair

Registrations & Approvals:
- FCC, IC & CSA, UL approved (ETL)
- ADA and ASME A17/B44 compliance

Enclosure:
- NEMA Type 1 (standard)
  - 8.75” H x 4.625” W x 2.25” D
  - (222 mm x 118 mm x 57 mm) (with flange)

Sensors:
- 1” H X 7” W X 1/4” D (26 mm x 178 mm x 6.4 mm) bar; 8 foot (2.4 m) cable

Power Input:
- 100 to 240 VAC, 47-63 Hz
- 0.15 A @ 115 VAC; 0.07 A @ 240 VAC

Optional DC Voltage (call)

Output:
- 0 to 10 VDC (Standard High Output)
- 0 to 5 VDC (Standard Low Output)
- NO/NC dry contacts (Set-Point system)

Zero Reset:
- < 1%

Correction:
- +/- 200% offset

Input:
- NC to ground signal with elevator door

Automatic Cable Compensation (in car load)
- Input: NC to ground signal with elevator door
- Closed (NO with door open)

Set-Point Module:
- Adjustments: 0 to 100% of maximum load
- Output: Four independent DPDT NO/NC contacts

Resolution:
- < 50 lbs (< 23 kg) or 2%

Repeatability:
- +/- 2% (2 sensors), +/- 5% (1 sensor)

Temperature:
- 32 to 158º F (0 to 70º C)

Drift/ºF:
- 0.3% of FS (typical, without Auto Reset)

Zero Reset:
- < 1%

Correction:
- +/- 200% offset

Input:
- 100—120 VAC ground (pull down)

Approvals:
- ETL (UL & CSA) Safety
- Conforms to ASME Std. A17.5
- Certified to CAN/CSA std. B44.1

Contact us for correct model for your application
Load Weighing Installation
Made Simple!

Identify the proper mounting location for one or two sensors

File surface area under sensor

Install sensor using the bolts or clamps provided

Calibration and Set Up

Mount enclosure
Connect AC

Adjust amplifier Zero and Gain

Periodically reset amplifier Zero — automatic or manual

Features

- Five number automatic dialer
- Two voice announcement messages
- Built-in keypad & remote programming
- Voice prompted programming

Mounting styles . . .

Fortress
Flush Mount . . . Use it to upgrade cabinet mount units or to simply replace old or damaged phone cabinets. Also, the Fortress is ideal for adding a phone where there is no phone cabinet. (A17.1-2004 requires that the activating button and visual indicator be “visible” and marked as "HELP.")
Available in #4 brushed stainless steel or Muntz.
Plate sizes: 12.5" H x 10" W x .125" Th
10.5" H x 6.5" W x .125" Th
Cutout: 7 3/4" H x 5" W x 2" D
Custom sizes and other finishes available

ET1401A One Phone / Line (12.5" x 10")
 ET1901A Multiple Phones / Line (AC powered)

Add – S  10.5"H x 6.5" W Brushed S.S.
Add – B Bronze / Muntz
Add – WP Weather Protected

Sentry
Box Mount . . . Fits right into most existing telephone cabinets. Available in Brushed Aluminum or Red.
Size: 7.5" H x 5.0" W x 2" D

ET401A One Phone / Line
ET901A Multiple Phones / Line
Add – WP Weather Protected
Add – WE Weather Enclosed

Liberator
Low Profile Surface Mount . . . Ideal for installations where space is limited or cutting a hole is not possible or economical.
Available in #4 brushed stainless steel and muntz.
Sizes: 6.75" H x 6.25" W x 1" D New Size

ET401A-LPSS One Phone / Line
ET901A-LPSS Multiple Phones / Line Add – WP Weather Protected
OEM Plate Mount Phones

The Universal Commander
- perfect field replacement
- same features and functions as other K-Tech phone models (see pages 4 & 5)
- fits most fixture grille and mounting patterns
- available for single or multiple phones on one line
- integrated transformer mounted to the faceplate
- a seamless solution to replacing or upgrading fixture mount phones
- also available in new fixtures: specify the K-Tech Universal Commander on all of your new elevator fixture orders (no additional fixture prep time required)

Size: 9.5” x 4.75” x 1.5”D

Universal Commander
Size: 4.75” x 7” x 1.75”

SUREcom
- a low-cost solution for communications from the Machine Room or Lobby to elevators
- meets the “call-in-progress override” required in the latest code A17.1.
- supports 1 to 4 remote stations and up to 10 K-Tech phones
- allows contact with one or all elevators on the system from each remote station
- sharing of elevator emergency phones and wiring makes the SUREcom an economical choice

Have you checked the second price tag lately?
Every product that we (and our competitors) make has two price tags: one when you purchase and the second, which you pay later. The second is made up of installation problems, performance failures, and replacement costs. Other manufacturers of emergency phones and load-weighing systems don’t talk a lot about the second price tag, because it can add up. Complex installations, low-quality component parts, and shoddy workmanship, added to the unavailability of replacement parts, all cost you money.
We’ve been around for over thirty years. The quality of our products is legendary. Our tech-support is free. And, we have a 3-year warranty.
Check out the second price tag.

ET401A-OEM One Phone / Line
ET901A-OEM Multiple Phones / Line

ET401A-OEM One Phone / Line
Add—CS Center Speaker
ET901A-OEM Multiple Phones / Line
Add—CM Center Microphone

MODELS AND FEATURES

* K-Weigh™ auto-zero reset automatically maintains system settings
Through the years, those looking to accurately weigh anything, large or small, have relied on strain gauge technology for accuracy and long-term reliability. Using this superior, time-tested method of weighing, the K-Weigh™ provides a universal and cost-saving answer to even the most complex elevator load weighing environments. It is ideal for both modernizations and new construction of isolated and non-isolated elevators. The K-Weigh™ provides information to the controller necessary to optimize elevator traffic flow and improve passenger safety and comfort.

WHAT CAN A K-WEIGH™ DO FOR YOUR ELEVATOR?

- Optimize Traffic Flow
- Hall Call Bypass
- Anti-Nuisance
- Light/Heavy Load Dispatch
- Provide a Smooth, Comfortable Ride
- Motor Pre-torque
- Ensures Passenger Safety
- Equipment Protection
- Child Safety
- Overload Protection
- Reduce Maintenance
- Conserve Energy
- Fewer starts and stops
- Smooth take-offs and stops

NOTE: Some features are controller-dependent.

LOAD WEIGHING SYSTEM CHECKLIST

<table>
<thead>
<tr>
<th>Feature</th>
<th>K-Weigh™</th>
<th>Other*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analog signal (variable voltage) models</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Set-Point signals (N/O, N/C dry contact) models</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Auto-Zero reset automatically maintains systems settings</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Comes complete with all parts needed for installation</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Selected by several manufacturers as part of their controller package</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Backed by 30 years of in-house experience in engineering, production and support</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Opportunity to work with product designer and manufacturer</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>CSA &amp; UL Approvals (ETL)</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>3-year Warranty</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>U.S. made with free U.S. tech-support</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

* “Other” systems features may vary and can include proximity sensor, rope tension sensor, load cells, etc. Check with the manufacturer.

The Keypad Speakerphone is the premium emergency communication solution for the home elevator. The unique flush mount design can be made to perfectly match the elevator décor. It eliminates the need for a hinged door cabinet and there is no unsightly, dangling handset to contend with. Robust, yet distinctive, something to compliment your fine cab finish (available in custom finishes).

Ask your fixture manufacturer to integrate the OEM model in your next home elevator fixture order. It’s small enough for even the most compact fixture.

New! Nautilus

NOW an all weather phone that is really all weather
- A price that can’t be beat
- Line powered
- Programmed remotely
- ADA compliant
- Simple to install
- Completely sealed to weather
- Three-year warranty

ET401A-W5

Plate Size: 8” H x 4” W
Cut-out: 7” H x 3.5” W x 1” D

ET301-BR
Brushed Stainless
Flush Mount

ET301-LP
Brushed Stainless
Surface Mount

ET301-OEM
Mount Behind COP

Size: 6.5” H x 3” W x .70” D

Size: 7.75” H x 3.25” W x 1.0” D

Emergency Communications

www.KTechOnLine.com
1.800.993.9399

www.KTechOnLine.com
1.800.993.9399
ELEVATOR PHONE REPLACEMENTS
With more than 20 elevator phone manufacturers and 100+ phone models manufactured over a 25 year period, finding the right replacement ADA elevator phone can be a costly and time-consuming task. Let K-Tech simplify the process and greatly reduce your costs of replacing emergency phones.

K-Tech’s new PhoneFinder data-base cross-references manufacturers and model numbers to comparable K-Tech phone models. Most of our phones will fit right into your installation, without any mechanical field mounting or wire connection modifications.

### Manual Availability

Just let us know. We have sets and individual manuals for every product we sell.

---

**Company** | **Model #** | **K-Tech model #**
---|---|---
EMS | PBX | ET401A
PNB | | ET401A-OEMU
PS | | ET1401A-S
RATH | 2100-9565S | ET901A
 | 2100-957RA | ET101-OEM-OS
TRE | as3bb | ET401A
 | as3mini | ET1401A-S
 | As3m-1 | ET401A-OEMU
WURTEC | 11-980 | ET401A
 | 11-903 | ET901A-OEMU
OTIS | MG3/26800ALD | ET401PC-KT

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**PHONE ACCESSORIES**

**Line Loss Indicator**

Many states and cities across the US are adopting the new ASME code requiring phone line monitoring. That means that, if you lose power to your phone line, on-site personnel need to know about it through both a visual and an audible signal.

We’ve developed a low-cost, simple and effective method of complying. When a phone line goes down, our ET901A-AM series phones send a signal through a relay to our ET98 Line Loss Indicator (usually mounted in the machine room). The ET98 sounds an audible warning and activates a warning light in our ET98-LD Line Loss Display Panel (usually mounted in the lobby or hall). Our ET98 can handle up to eight ET901A-AM cab phones with individual LEDs that tell you exactly which lines are malfunctioning.

**Surge Protector**

Connects to the phone line in the machine room and diverts high voltage surges safely to ground. The gas fuses protect against multiple surges and are easily replaceable.

**Batteries**

**Braille Label**

**Transformer**

AC Transformer for ET901 Series SUREphone
Mounts to phone faceplate

Size: 3.125” H x 2.25” W x .125” D

---

**Need a manual?**

Just let us know. We have sets and individual manuals for every product we sell.