# TekTone®
COMMUNICATIONS FOR TODAY ... AND TOMORROW.

# Apartment Entry Systems
# Condensed Catalog

Tek-ENTRY® Apartment Entry Systems
Tek-ENTRY® Vandal-Resistant Apartment Entry Systems

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**TekTone's quality system is registered by DQS to the ISO 9001 standard. (Reference #10001510.)**

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**Tek-ENTRY® Apartment Entry Systems & Tek-ENTRY® Vandal-Resistant Apartment Entry Systems**

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Please refer to specification sheets for complete product information.

# Name Holder Entrance Panels for Speaker-type Remotes

**System Features:**
- Available In a Variety of Configurations
- Vandal Option
- Surface or Flush Mounted
- For 3-, 4- or 5-Wire Version Stations

- Postal Release Option
- Anodized Extruded Aluminum
- Weather Resistant Mylar® Speaker
- Simple Installation

*See the Speaker-type Apartment Remote Stations & Options section for remote station selection. See the Entrance System Accessories & Replacement Parts section for additional components.*

AM612/08
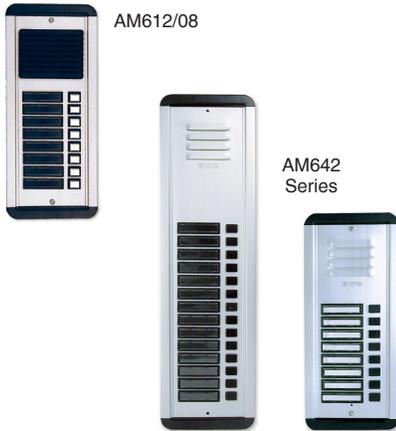
AM642 Series

**AM612-series and AM642-series Entrance Panels** are available in a 4.75" × 11.25" (119 mm × 282 mm) version that accommodates up to 8 buttons, and a 4.75" × 17.25" (119 mm × 432 mm) version for 10–16 buttons plus name holders. Name holders are constructed of black, flame-retardant polycarbonate plastic with clear plastic windows. Panels are constructed of anodized extruded aluminum with black plastic end caps.

**AM642** vandal-resistant panels are equipped with aluminum plungers and a Mylar® speaker protected by a louvered grill and perforated aluminum mesh. **AM612** panels are equipped with plastic push buttons and a Mylar® speaker protected by an ABS plastic grill.

| | | |
|---|---|---|
| OPTIONS: | Suffix "P" | Postal Option (17.25″ panel only) |
| | Suffix "S" | Surface Mount |
| HOUSINGS: | OH600: for 11.25" (282 mm) panels | |
| | OH601: for 17.25" (432 mm) panels | |

**AM492-series Entrance Panels** are modular in design. The speaker panels can be combined with various button panels, frames and housings to suit a wide range of applications. Panels are constructed of anodized extruded aluminum, and name holders are black flame-retardant plastic with clear plastic windows.

**AM492** vandal-resistant panels are equipped with aluminum plungers and a Mylar® speaker protected by a louvered grill and perforated aluminum mesh.

| | | |
|---|---|---|
| OPTION: | Suffix "P" | Postal Option (up to 10 buttons) |
| DIMENSIONS: | 16.5″H × 4″W (413 mm × 100 mm) | |
| HOUSINGS: | Flush: OF190-series frames, OH190-series housing | |
| | Surface: OF190S-series frame | |

AM492/08 with OF191

**AM490-series Add-on Panels,** available with either 12 or 22 buttons, are used to increase the capacity of the AM492 systems. Panels are constructed of anodized extruded aluminum, and name holders are black flame-retardant plastic with clear plastic windows. **AM490** vandal-resistant panels are equipped with aluminum plungers.

DIMENSIONS: 16.5"H × 4"W (413 mm × 100 mm)

AM190/22

# Custom Directory Entrance Panels for Speaker-type Remotes

### System Features

- Available In a Variety of Configurations
- Vandal Option
- Surface or Flush Mounted
- For 3-, 4- or 5-Wire Stations

- Postal Release Option
- Anodized Extruded Aluminum
- Weather Resistant Mylar® Speaker
- Simple Installation

*See the* **Speaker-type Apartment Remote Stations & Options** *section for remote station selection. See the* **Entrance System Accessories & Replacement Parts** *section for additional components.*

CM492/024
with OF192
and AM190D

**CM492-series Entrance Panels** are modular in design. The panels can be combined with button add-on panels, directory panels, handset panel, frames and housings to suit a wide range of applications. Panels are constructed of anodized extruded aluminum, and push buttons are personalized with up to four letters/digits.

**CM492** vandal-resistant panels are equipped with engraved aluminum plungers, and a Mylar® speaker/microphone protected by a louvered grill and perforated aluminum mesh. (Use part number RP055EN to order engraving.)

**AM190D Directory Panel** is constructed of anodized extruded aluminum and accommodates up to 60 names per panel. The AM190D includes an unbreakable Lexan® directory window.

| | |
|---|---|
| OPTION: | Suffix "P"    Postal Option (up to 36 buttons) |
| DIMENSIONS: | 16.5"H × 4"W (413 mm × 100 mm) |
| HOUSINGS: | Flush:   OF190-series frames, OH190-series housings |
| | Surface: OF190S-series frame |

CM490/048
with OF191

**CM490-series Add-on Panels,** available with either 48 or 80 buttons, are used to increase the button capacity of the CM492 systems. Panels are constructed of anodized extruded aluminum, and buttons are personalized with up to four letters/digits.

**CM490** vandal-resistant panels are equipped with engraved aluminum plungers. (Use part number RP055EN to order engraving.)

| | |
|---|---|
| DIMENSIONS: | 16.5"H × 4"W (413 mm × 100 mm) |

CM491/012
with OF291S

**CM491 Entrance Panel** is a vandal-resistant single-gang panel that includes push buttons and directory for 4, 8, 12, 16 or 20 suites. The panels are constructed of anodized extruded aluminum, and the engraved aluminum plungers are personalized with up to four letters/digits. (Use part number RP055EN to order engraving.) The CM491 also has a 20-name directory protected by a Lexan® window, a dynamic microphone and a Mylar® speaker protected by a louvered grill and perforated aluminum material.

| | |
|---|---|
| DIMENSIONS: | 16.5"H × 4"W (413 mm × 100 mm) |
| HOUSINGS: | Flush:   OF291-series frames, OH191-series housing |
| | Surface: OF291S-series frame |

# Speaker-type Apartment Remote Stations & Options

## Speaker Stations & Components for 3-, 4- and 5-Wire Systems

All apartment intercom stations are equipped with momentary action push buttons for **TALK**, **LISTEN**, and **DOOR** operations. Various stations manufactured from steel, aluminum and ABS plastic are available for new or retrofit applications. All wire connections are via screw terminals. TekTone® apartment intercom systems are suitable for a wide range of applications in large or small buildings. These systems can provide for multiple entrance, post office door release and timed door release operation. Model PK543A is the required amplifier/power pack for all remotes listed in this section.



IR103E, IR104E, IR105E

**IR103E, IR104E, IR105E Flush Mount Speaker Stations** are equipped with momentary action push buttons for separate **TALK**, **LISTEN** and **DOOR** operation. The function of each push button is labeled both in English, Braille, and with symbols. The IR103E is used for 3-wire installations, the IR104E for 4-wire, and the IR105E is for 5-wire systems. Typically, the 3- and 5-wire stations are used for retrofit applications.

DIMENSIONS: 6.875"H × 5"W × 1.5"D (172 mm × 125 mm × 36 mm)
Projects 0.625″ (16 mm) from mounting surface
CONSTRUCTION: ABS white plastic
HOUSINGS: IH103 mounting plate or IH101 box



IR203E, IR204E, IR205E

**IR203E, IR204E, IR205E Surface Mount Speaker Stations** are equipped with momentary action push buttons for separate **TALK**, **LISTEN** and **DOOR** operation. The function of each push button is labeled both in English, Braille, and with symbols. The IR203E is used for 3-wire installations, the IR204E for 4-wire and the IR205E is for 5-wire systems. Typically, the 3- and 5-wire stations are used for retrofit applications.

DIMENSIONS: 6.875"H × 5"W × 1.5"D (172 mm × 125 mm × 36 mm)
Projects 1.5" (38 mm) from mounting surface
CONSTRUCTION: ABS white plastic
HOUSINGS: IH103 mounting plate, single-gang ring, or single-gang box



IR207B

**IR207B Speaker Station** is a double-gang stainless steel version of TekTone®'s apartment intercom speaker station. It is equipped with momentary action push buttons for separate **TALK**, **LISTEN** and **DOOR** operation. The IR207B uses standard ABS plastic buttons.

DIMENSIONS: 4.5"H × 4.5"W (113 mm × 113 mm)
CONSTRUCTION: stainless steel faceplate
HOUSINGS: double-gang ring or double-gang electrical outlet box



PK543A          PK502B

**The PK543A Amplifier** is designed for use with 3-, 4- or 5-wire speaker-type apartment stations. The PK543A is the intercom amplifier, control unit and power circuit needed to operate the intercom system. The unit will provide for AC or DC door release operation selectable by terminal connection. A 15-pin plug-in connector is used for wire terminations.

**The PK502B Dual Entry Relay** is used when multiple entrance panels are required on one system. Voice and door release functions are automatically transferred to the calling entrance. The quantity of PK502B's required is one less than the number of entrances.

DIMENSIONS: 5.5"H × 3.125"W × 2"D (138 mm × 79 mm × 50 mm)
MOUNTING: Surface mount

LI404B

**The LI404B Strobe** is used for signaling applications for the hearing impaired. The strobe light flashes for approximately 15–20 seconds upon detection of the incoming call signal. It is encased in a rugged ABS plastic housing. The strobe light meets ADA and UL® requirements for signaling appliances. One unit per apartment can be installed with the PK543A. Up to 4 units per apartment can be installed using an additional power supply (part number PK601A).

DIMENSIONS:  5.5"H × 4.5"W × 3.5"D (140 mm × 114 mm × 89 mm)
HOUSING:  Double-gang box



PK601A

**The PK601A Power Supply** provides power to LI404B Strobes. The 1 Amp 24 VDC power supply is housed in an extruded aluminum case. Connections are via screw terminals.

DIMENSIONS:  5"H × 2.375"W × 2.25"D (127 mm × 60 mm × 57 mm)
MOUNTING:  Surface mount



IH101



IH103

The **IH101** steel back box for IR100-series stations is used with 2" concrete or block walls.

The **IH103** mounting plate for IR100-series and IR200-series stations attaches to a finished wall, single-gang box, 2-gang box, 2-gang ring, or square masonry box.

DIMENSIONS:  IH101:  5.5"H × 4"W × 1.75"D (138 mm × 100 mm × 44 mm)
IH103:  4.5625"H × 5.875"W × .0625"D
(116 mm × 149 mm × 1.6 mm)

## Entrance System Accessories & Replacement Parts

**PO001 Electric Door Opener** is for use in unlocking and locking doors from a variety of TekTone® remote stations. The door openers can be installed in place of the door lock, or on a door jamb with various door lock sets. The PO001 is a normally locked type with heavy duty coils, and operates on 8–16 VAC or 3–6 VDC. The unit features a flat face with satin zinc finish and solid brass locking latch for long wear. Model PO001 is reversible for mortise-type locks and latches up to 1/2" width and throw and is ideal for most narrow jamb mortise-type installations. Depending on the specific job requirements, the PO001 can be reversed for right or left-hand door installation.

DIMENSIONS: 
Faceplate: 1.25" × 5.875" (32 mm × 147 mm)
Case width: 0.938" (24 mm)
Case depth: 1.438" (36 mm)
Latch: 1.375" (35 mm) opening

**PO101S Postal Door Release** provides for door release via a postal lock as an add-on after installation, or for space-restricted areas. The PO101S is surface mounted.

DIMENSIONS: 7.25"H × 5"W × 1.5"D (182 mm × 125 mm × 38 mm)

**PK124K Battery Backup Kit** includes the PK124 battery charger, two BA001 gel-cell batteries, the SS106 transformer, housed in an IH151N junction box.

NOTE: For battery backup of the door strike, provide batteries and charger appropriate for strike voltage and current.

**SS102A Class 2 Transformer** offers a compact, easy-to-install low voltage AC power source for use with TekTone® intercom systems. The transformer is UL® Listed and will safely take itself offline when overheated. The transformer is constructed for easy installation in a standard 1/2" knockout or for surface installation, and may be used in either plastic or metal boxes.

SPECIFICATIONS: 120 VAC primary, 16 VAC 10 VA secondary

**The SS106 Class 2 Transformer** offers a compact, easy-to-install low voltage AC power source for use with TekTone® intercom systems. The transformer is UL® Listed and will safely take itself offline when overheated. It is designed for easy installation in a standard 1/2" knockout or for surface installation, and may be used in either plastic or metal boxes.

SPECIFICATIONS: 
120 VAC primary, 8 VAC 20 VA
16/24 VAC 30 VA secondary
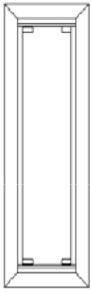
OF191/OF191S        OH191

**OF190-series Frames and OH190-series Housings** are used to flush mount TekTone's modular entrance panels. Select the frame and housing that accommodates the total number of entry, directory, handset, and speaker/microphone panels (i.e., OF193/OH193 accommodates 3 panels). Refer to IL312 Housing Chart for overall size and cutout dimensions.

|  |  |  |
|---|---|---|
| SYSTEMS: | AM192, AM492, CM192, CM193, CM492, CM493 | |
| DIMENSIONS: | Frame:    19"H (475 mm) | Width: Varies |
| | Housing:  17.125"H (429 mm) | Width: Varies |

SK-series
Speaker

**Replacement Parts:**

| | |
|---|---|
| **SK003K** | Entrance panel 1.75" (44 mm) speaker—5 each |
| **SK024AK** | Entrance panel 2.5" (63 mm) Mylar® speaker—5 each |
| **SK004K** | Entrance panel 3.5" (88 mm) Mylar® speaker—5 each |
| **SK013K** | Apartment remote station 3.5" (88 mm) speaker—5 each |