



*Communications
for today... and tomorrow*

IL649
SECTION A
Rev. 9 - 03/2010

Condensed Catalog

Section A—Apartment Entry Systems

www.tektone.com

Phone: (828) 524-9967
Toll-Free: (800) 327-8466
Tech Support: Option 2
Sales: Option 3

277 Industrial Park Road
Franklin, NC 28734
tektone@tektone.net
Fax: (828) 524-9968

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



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* Please refer to specification sheet for complete product information.

Tek-ENTRY® Telephone Entry Systems

System Features:

- Aluminum, Baked Enamel Steel or Stainless Steel Construction
- Handset or Speaker/Microphone Operation
- Easy Programming with English Language Prompts
- Emergency Feature (fire alarm input pulses open entry door)
- Secondary Relay Contact & Multiple Unit Interface (up to 20)
- Toll Restrictor
- Rotary or Touch Tone Service
- Selectable Talk Limit
- 1-750 Unit Capacity
- 7, 10 or 11-digit dialing

See the **Entrance System Accessories & Replacement Parts** section for additional components.



TE905A with AM190D,
OF193, OH193, TA905

The **TE905A Telephone Entry System** is constructed of extruded, anodized aluminum modular panels and operates on a standard dedicated telephone line and 110VAC with a 16VAC transformer. The **TE905ANP Telephone Entry System** also includes the no-telephone-line option. The system is completed by adding the optional handset panel (TA905), directory panels, flush frame, flush housing and transformers. Refer to IL312 Housing Chart for overall size and cutout dimensions.

DIMENSIONS: 19"H (475 mm) Width varies
HOUSINGS: OF190 Series frames, OH190 Series housings
REQUIRED: AM190D
POWER REQUIRED: (2) 110VAC with SS106 Transformer
(additional SS106 required for door strike function)

AM190D is a directory panel constructed of extruded aluminum and will accommodate up to 60 names per panel. The AM190D includes an unbreakable Lexan® directory window.



TE903A
(Baked Enamel
Finish)

TE903A Telephone Entry Systems utilize the same electronics as the TE905A, and is a complete unit that only requires the addition of an SS106. The TE903A is constructed of 16-gauge steel with a baked-enamel finish, and has an integral 100-name directory. The **TE903ANP Telephone Entry System** also includes the no-telephone-line option. The **PO202 Postal Release Option** adds door release via postal lock.

DIMENSIONS: 16"H × 11"W × 2.56"D
(400 mm × 275 mm × 64 mm)
POWER REQUIRED: (2) 110VAC (with SS106 Transformer)
(additional SS106 required for door strike function)
REQUIRED: SS106 24VAC Transformer



PM900/IH996

PM900 No-Telephone-Line Control Unit is used for installation of the TE905A or TE903A in no-phone-line applications. The PM900 is designed to provide no-phone-line capability when interfaced with TekTone® telephone entry systems.

DIMENSIONS: 14.5"H × 10.5"W × 6.5"D (363 mm × 263 mm × 163 mm)
REQUIRED: TE903ANP Baked Enamel Telephone Entry System
- or -
TE905ANP Modular Aluminum Telephone Entry System
CT912 Connector Assembly (1 per RY912)
RY912 Relay Board (1 per 12 lines)
PM900 Control Unit with box
IH996 Cabinet (1 per 8 RY912)
SS106 Transformer (1 per 96 lines)
POWER REQUIRED: 110VAC with SS106 Transformer

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 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



AM192/18
with OF191



AM492/08
with OF191

AM192 and 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. **AM192** panels are equipped with plastic push buttons and a Mylar® speaker protected by an ABS plastic grill.

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



AM190/22

AM190 and AM490 Series Add-on Panels, available with either 12 or 22 buttons, are used to increase the capacity of the AM192/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. **AM190** panels are equipped with plastic push buttons.

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

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 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.

CM492/024
with OF192
and AM190D

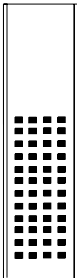


CM492 Series Entrance Panels are modular in design. The panels can be combined with button add-on panels, directory panels, handset panel, frames and housings to suit a wide range of applications. Panels are constructed of anodized extruded aluminum, and push buttons are personalized with up to four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

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 # 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 # 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 PK543AP 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: IH102 ring 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: Single gang ring or single gang electrical outlet box



IR087A



IR088A

IR087A and IR088A 4-wire stations are designed specifically for renovation use. The stations are large enough to cover the area occupied by most existing intercom units, making repainting unnecessary.

DIMENSIONS: IR087A: 8.75"H × 6.5"W (219 mm × 162 mm)

IR088A: 12.5"H × 5"W (313 mm × 125 mm)

CONSTRUCTION: White vinyl coated steel faceplate

HOUSING: Mounting holes may be positioned to accommodate existing backbox.



IR085B

IR085B 4-wire station is designed specifically for renovation use. The station is large enough to cover the area occupied by most existing intercom units, making repainting unnecessary.

DIMENSIONS: 6.5"H × 8.75"W (162 mm × 219 mm)

CONSTRUCTION: White vinyl coated steel faceplate

HOUSING: Mounting holes may be positioned to accommodate existing backbox.



IR086S

IR086S is designed specifically for replacement of 3311-type apartment remote stations. Momentary push buttons are provided for **TALK**, **LISTEN** and **DOOR** operations. Plug-in and pigtail terminated connectors are provided.

DIMENSIONS: 6.875"H × 6.125"W (172 mm × 154 mm)

CONSTRUCTION: White vinyl coated steel faceplate



IR207B

IR207B Series 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

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.

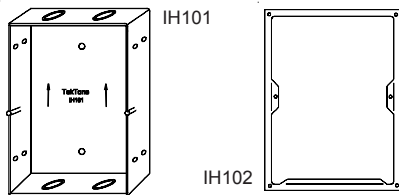
DIMENSIONS: 5.5"H × 3.125"W × 2"D (138 mm × 79 mm × 50 mm)
MOUNTING: Surface mount



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 PK543. Up to 4 units per apartment can be installed using an additional power supply (part # PK601A).

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

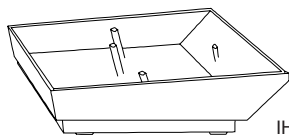


IH101

IH102

The **IH101** steel back box for flush series stations is used with 2" concrete or block walls. The **IH102** plaster ring for flush series stations is used with 2×4 wood partition walls.

DIMENSIONS: IH101: 5.5"H × 4"W × 1.75"D (138 mm × 100 mm × 44 mm)
 IH102: 6"H × 4.75"W × 0.5"D (150 mm × 119 mm × 13 mm)



IH400A

The **IH400A** desk or surface-mount housing is used with IR100- and IR200-series stations, and is constructed of ABS plastic.

DIMENSIONS: 6.875"H × 5"W × 0.6875"D (175 mm × 127 mm × 17 mm)

Name Holder Entrance Panels for Handset Remotes

System Features:

- Electric Door Release Capability
- Available In a Variety of Configurations
- Vandal Resistant Panel Option
- Surface or Flush Mounted
- Postal Release Option
- Anodized Extruded Aluminum
- Weather Resistant Mylar® Speaker
- Simple Installation

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



AM193/08P with
AM190/22,
OF192



AM493/08P
with OF191

AM193 and AM493 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.

AM493 vandal-resistant panels are equipped with aluminum plungers, a dynamic microphone, and a Mylar® speaker protected by a louvered grill and perforated aluminum mesh. **AM193** panels are equipped with plastic push buttons and a Mylar® speaker protected by an ABS plastic grill.

OPTIONS: Suffix "P" Postal Option (up to 8 buttons)
AM190P Postal Release Panel

DIMENSIONS: 16.5"H × 4"W (413 mm × 100 mm)
HOUSINGS: Flush: OF190 Series frames, OH190 Series housings
Surface: OF190S Series frame



AM190/22 with
AM193/08P,
OF192

AM190 and AM490 Series Add-on Panels, available with either 12 or 22 buttons, are used to increase the capacity of the AM193/AM493 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. **AM190** panels are equipped with plastic push buttons.

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

Handset-type Apartment Remote Station & Options



TA205C

TA205C Handset Intercom Suite Station is designed especially for intercom use. It features compact modern styling and advanced electronic design using dynamic speech elements. The TA205C includes an integral push button for door lock release, and a reliable hook cradle switch. The TA205C is molded of high-impact flame-retardant ABS plastic and is

DIMENSIONS: 9.03"H × 2.87"W × 2.84"D (229 mm × 73 mm × 72 mm)

HOUSING: single gang electrical box, installed vertically



LI404B

LI404B Auxiliary 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. Up to 4 units per apartment can be installed using the required PK601A Power Supply.

DIMENSIONS: 5.5"H × 4.5"W × 3.5"D (140 mm × 114 mm × 89 mm)

HOUSING: Double gang box



PK205

PK205 Intercom Amplifier is a self-contained power pack amplifier that provides the amplification, control and power circuits needed to operate a complete apartment intercom system. Voice and tone levels are adjustable through the cover of the PK205. Screw terminals are supplied for wire terminations. The PK205 is housed in a rugged extruded aluminum case and is surface mounted.

DIMENSIONS: 9.5"H × 2.375"W × 2.25"D (238 mm × 59 mm × 57 mm)

POWER REQUIRED: 16 VAC, 10 VA



PK601A

The PK601A Power Supply provides power to the PK205 Intercom Amplifier's DC silent door opener adapter. 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

Entrance System Accessories & Replacement Parts



PO001

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.

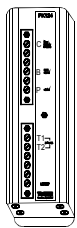
DIMENSIONS: Faceplate: 1.25" × 5.875" (32 mm × 147 mm)
Case width: 0.938" (24 mm)
Case depth: 1.438" (36 mm)
Latch: 1.375" (35 mm) opening



PO101S

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)



PK124

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

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



SS105B

SS105B Class 2 Plug-In Transformer is designed for quick and easy installation in areas where pigtail-type transformers are impractical or unsightly. UL® Listed, it is suitable for use in office or home installations, or in areas where the transformer must be exposed.

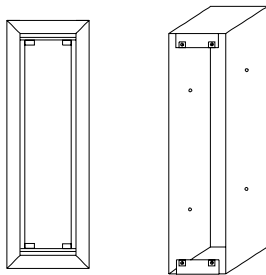
SPECIFICATIONS: 117–116 VAC 10 VA, plug-in type, UL® Listed



SS106

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

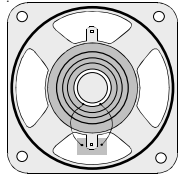
OH191

OF190/OH190 Series: The 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, AM193, AM492, AM493, CM192, CM193, CM492, CM493, TE905A

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
- SK006K** Apartment remote station 2.5" (63 mm) speaker—5 each
- SK013K** Apartment remote station 3.5" (88 mm) speaker—5 each
- ST008/2K** Entrance panel button—black case, stark white plunger—10 each
- ST010K** Apartment remote station button—stark white—25 each
- ST017K** Postal release switch—5 each

