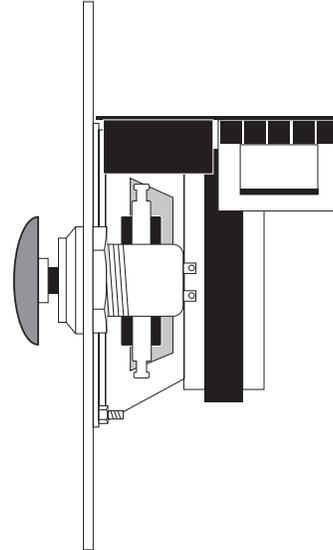
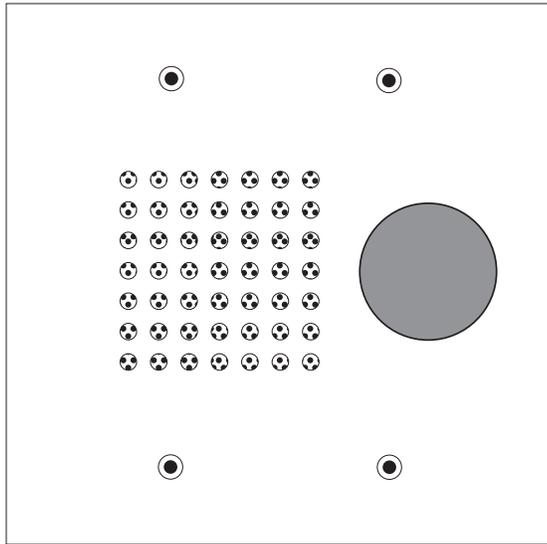




The IS-T100 intercom security speaker station is a vandal-resistant security station designed to operate with the TOA IC-100 intercom systems. The two gang intercom station survives damage from mistreatment and shock extremes. It includes a 25 Volt, jumper-selectable wattage tap (1/2 or 1 Watt), and call circuitry on a 12 gauge brushed stainless steel faceplate with an attached mylar cone speaker. The large red call switch is a momentary action mushroom push-button designed for ADA support. The 8 Ohm speaker is water and fungus resistant and also functions as a microphone to provide remote station talkback when included in a centrally located master control system. This sub-station should not be used at locations where there is exposure to atmospheric extremes.



**SPECIFICATIONS**

- MODEL:** IS-T100
- TYPE:** Security intercom speaker station.
- FREQUENCY RESPONSE:** 400-4k Hz.
- POWER TAPS:** 1, 1/2 Watts, 25 Volts  
(Slide-on jumper selectable).
- SOUND PRESSURE LEVEL:** 93dB, 1 Watt @ 10 feet.
- SENSITIVITY AS MICROPHONE:** -26dBm.
- SPEAKER:** 2.5 inch Mylar Cone, 8 Ohm,  
water and fungus resistant.
- SWITCH:** Momentary push-button with 1.187" dia.  
red, nylon mushroom cap button.  
**MECHANICAL LIFE:** 1,000,000 Cycles  
**RATING:** 10 Amperes, Resistive  
**CIRCUIT:** SPDT  
**SEAL:** Moisture proof and dust tight.
- FACE PLATE:** 12 Gauge, brushed stainless steel
- MOUNTING:** Flush, standard 2-gang deep electrical  
box (RACO #232 4" SQ box & #778  
2-gang ring or RACO #696 concrete box  
or equivalent).
- DIMENSIONS:** 4.5"w X 4.5"h X 2.1"d
- WEIGHT:** 1.15 lbs

**APPLICATIONS**

- PARKING STRUCTURES
- CORRECTIONAL INSTITUTIONS
- BUILDING STAIRWAYS AND HALLWAYS
- SCHOOLS AND UNIVERSITIES

**ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**

The indoor security intercom sub-station shall be a Communications Co. Inc. model IS-T100, or approved equal. The station shall be comprised of an (8) Ohm water and fungus resistant cone speaker, mounted on a 12 GA. stainless steel plate. The speaker driver shall function as a microphone with a minimum sensitivity of -26 dBm. The sub-station equipped with a call switch shall include a flush-mounted, large mushroom button, momentary push-button switch with a contact rating of 10 Amps. The station shall have a power rating of 1 Watt with a frequency response of 400-4k Hz. The station shall include a 25 Volt transformer with 1/2 & 1 Watt taps and call circuitry to allow operation with the TOA IC-100 intercom system. The sub-station shall mount with #6-32 flathead, tamper-resistant screws (not included).

