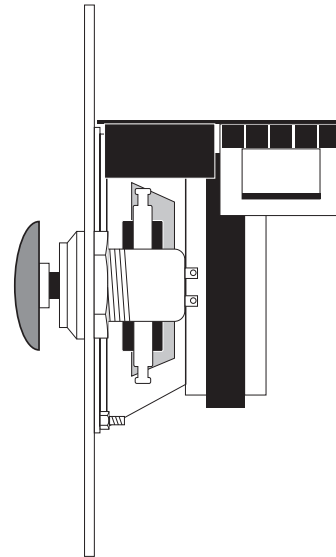
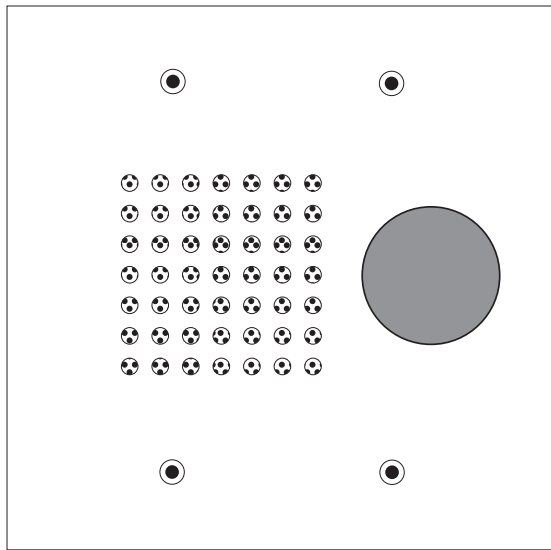




The IS-T100 intercom security speaker station is a vandal-resistant security station designed to operate with the TOA IC-100 intercom systems. The two gang intercom station survives damage from mistreatment and shock extremes. It includes a 25 Volt, jumper-selectable wattage tap (1/2 or 1 Watt), and 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).

