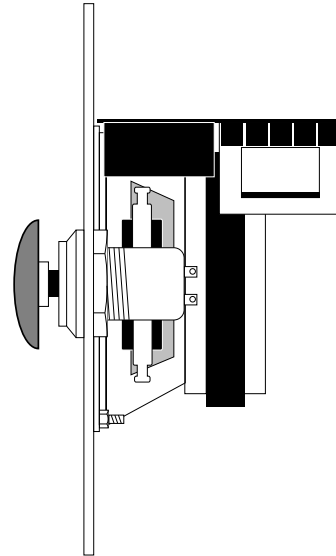
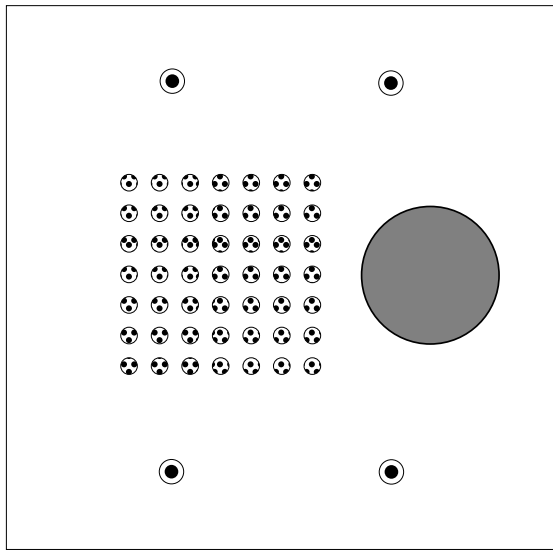




# COMMUNICATIONS COMPANY inc.

The IS-T100B intercom security speaker station is a vandal-resistant security station with beacon driver circuitry designed to operate with the TOA IC-100 intercom system. The beacon-driver circuitry can drive flashing strobe lights and sonic alarms or activate relays for additional security accessories. The two gang intercom station survives damage from mistreatment, shock and atmospheric extremes. It includes a 25 Volt, jumper-selectable wattage tap (1/2 or 1 Watt), call circuitry and a 12 or 24 Volt jumper selectable beacon driver 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.



## SPECIFICATIONS

**MODEL:** IS-T100B  
**TYPE:** Security intercom speaker station with beacon driver circuitry.  
**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 Cone, 8 Ohm,  
water and fungus resistant.  
**RELAY VOLTAGE:** 12 or 24 Volt (Jumper Selectable)  
**RELAY CONTACT RATING:** .8A 125Vac Resistive  
2.5A 24Vdc Resistive  
**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-Two circuit  
**SEAL:** Moisture proof and dust tight.  
**FACE PLATE:** 12 Gauge, brushed stainless steel  
**MOUNTING:** Flush, standard 2-gang electrical box  
(RACO #239 4" SQ box & #778 2-gang  
ring 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 • Schools and Universities

## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The indoor and/or outdoor security intercom sub-station shall be a Communications Co. Inc. model IS-T100B, 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 and beacon driver circuit board shall include a tamper-resistant, weather resistant, flush-mounted, large mushroom button, momentary push-button switch that operates with the TOA IC-100 system. The beacon driver circuit board shall include a relay that can operate either with 12 or 24 Volts dc and have a Form-C contact rating of 2.5 A @ 24Vdc. 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.

