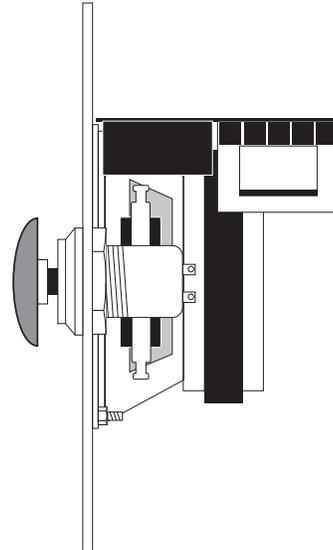
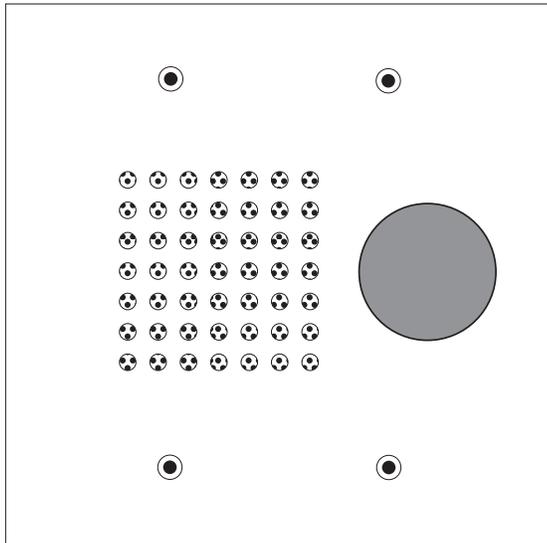




The IS-T100BD intercom security speaker station is a vandal-resistant security station with beacon driver and delay circuitry designed to operate with the TOA IC-100 intercom systems. The beacon-driver and delay circuitry can drive flashing strobe lights and sonic alarms or activate relays with an adjustable delay allowing the device to remain activated for 1 to 10 minutes for additional security. 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 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 and adjustable delay 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-T100BD, 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 and adjustable delay 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.

