

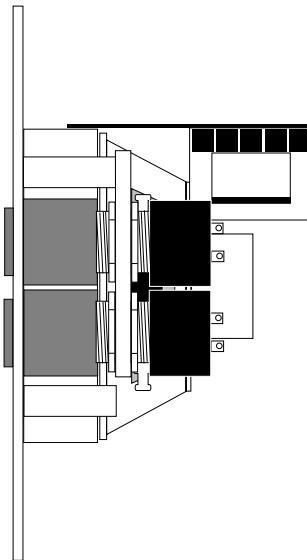
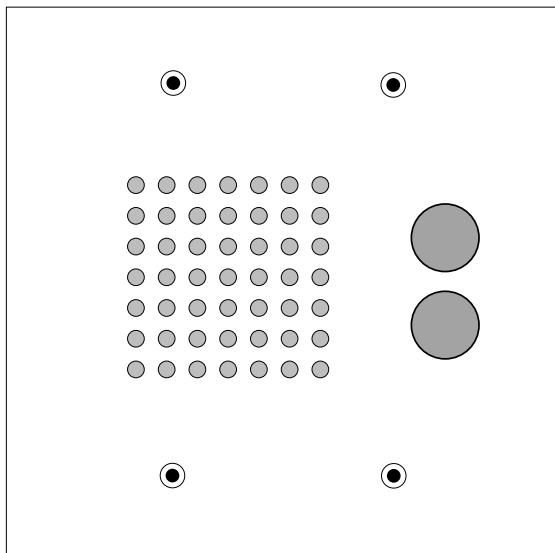


COMMUNICATIONS  
COMPANY  
inc.

# IS-T100/2VP

## Security Sub-Station

The IS-T100/2VP intercom security speaker station is a vandal-proof security station designed to operate with the TOA IC-100 intercom system. 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 cone speaker. The call switches are momentary action stainless steel push-button designed against the call button's travel being overdriven. The 8 Ohm mylar 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-T100/2VP

**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.

**SWITCHES:** Momentary push-button stainless steel  
with mechanical stop.

**MECHANICAL LIFE:** 1,000,000 Cycles

**RATING:** 6 Amperes, Resistive

**CIRCUIT:** SPDT

**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 2.2"d

**WEIGHT:** 1.5 lbs

### APPLICATIONS

PARKING STRUCTURES

CORRECTIONAL INSTITUTIONS

BUILDING STAIRWAYS AND HALLWAYS

SCHOOLS AND UNIVERSITIES

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The indoor vandal proof security intercom sub-station shall be a Communications Co. Inc. model IS-T100/2VP, or approved equal. The station shall be comprised of an 8 Ohm mylar 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 two call switches shall include a tamper-resistant, flush-mounted stainless steel momentary push-button switches with a contact rating of 6 Amps. The switches shall be mounted to an internal bracket that protects the call buttons from being over driven. 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 second push-button is provided with pigtail connections. The sub-station shall mount with #6-32 flathead, tamper-resistant screws (not included).

