



# SECURE-TECH.com

DETENTION ELECTRONIC SYSTEMS  
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## MODEL JUSTTALK

### DUPLEX TALK THROUGH COMMUNICATOR

#### FEATURES:

- FULL DUPLEX COMMUNICATION
- HANDS FREE OPERATION
- STYLISH APPEARANCE
- MUTE AND PRIVACY OPTION
- MONITOR AND RECORD
- TAMPER RESISTANT DESIGN
- **ADA VOLUME CONTROLS AVAILABLE**
- 2 YEAR WARRANTY



#### FUNCTIONAL DESCRIPTION:

The "JUSTTALK" Duplex Talk Through Communicator is designed for staff or attorney/client interview rooms, visitation booths, control room to corridor, and other applications requiring communication through a security glass partition or wall. Full duplex two-way communication is provided. The talk through communicator frequency range is 400 to 4000 Hz ± 3 db. . Each pair of units is tuned to the installed location environment to maximize sound levels. The result is very natural hands free communication.

**JUSTTALK** The base system consists of a pair of identical units, typically one on each side of a viewing window or wall. Usually used for visitation. Order model **JUSTTALK**.

**JUSTTALK-M** Two switches allow an attorney or staff to silence (off) the voice output from the inmate side; or to mute (off) the staff/attorney's side output for privacy. Provided with audio lineout function to allow monitoring and recording. Order model **JUSTTALK-M**.

**JUSTTALK-V2** Two volume controls allow an attorney or staff to adjust the inmate and staff talk volume from an inmate conversation level to a monitor minimum and a staff/attorney conversation level to mute (off) unit for privacy. Provided with audio lineout function to allow monitoring and recording. Order model **JUSTTALK-V2**. ADD "ADA" for ADA style pushbutton volume control (3-levels).

#### INSTALLATION:

The recommended mounting location is on a 4" high hollow metal window frame sill, centered between sidewall partitions, with the speakers and microphones side pointing down towards the countertop reflective surface.

An alternate mounting location is upon the countertop, centered between sidewall partitions, with the speakers and microphones side facing towards the viewing window.

#### SIZE:

2.52" H x 4.44" D x 17.0" L  
64.0mm H x 112.8mm D x 431.8mm L

#### POWER:

12 - 14 VDC, 1.4 AMPS per pair.  
.35 INCH (NOMINAL) CAST ALUMINUM, SEMI-GLOSS BLACK  
(JUSTTALK-V2 SHOWN)

JUSTTALK-VCH-2ADA  
(Handset)

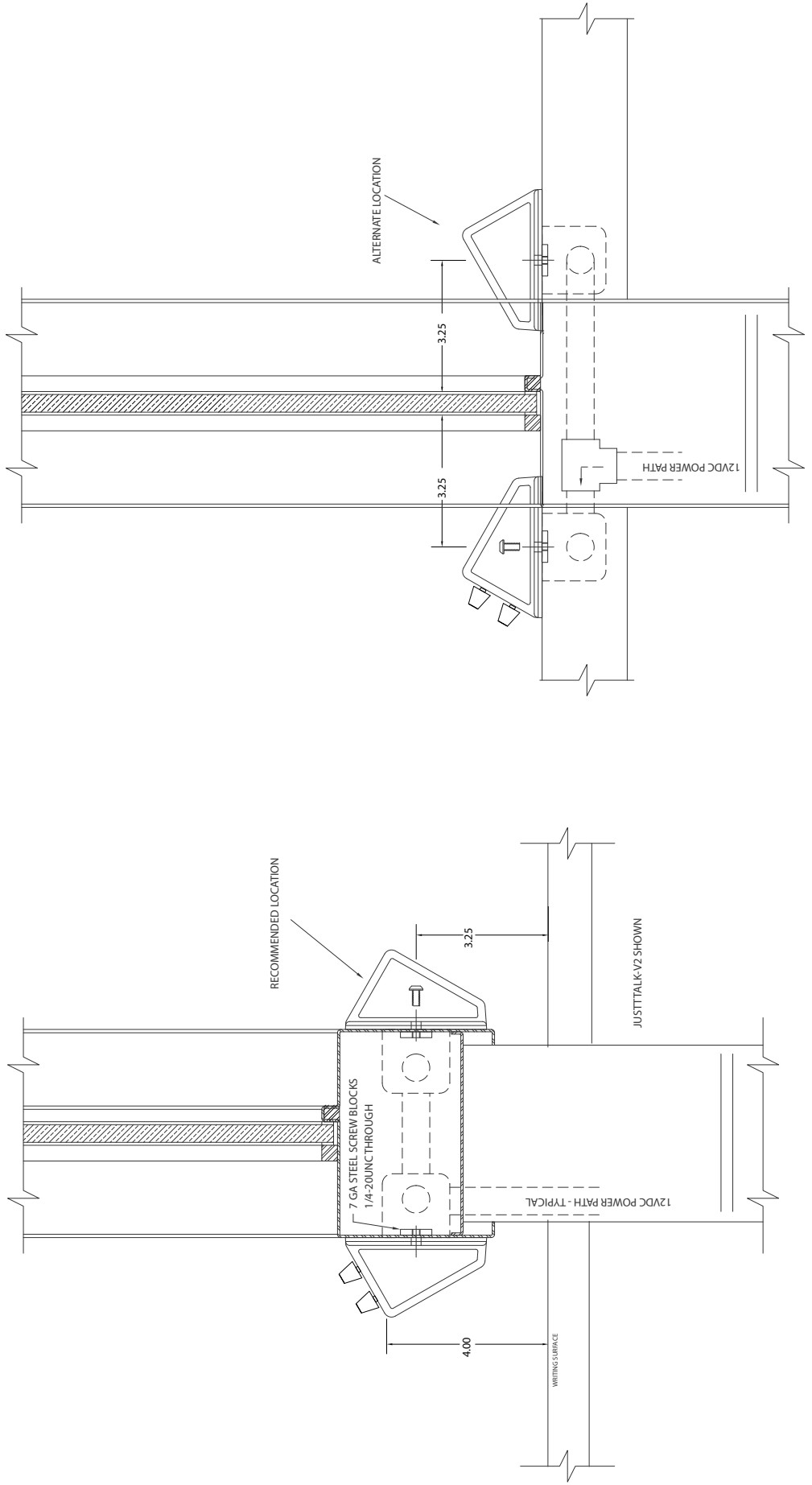


### ADA COMPLIANT

**JUSTTALK-VCH** This model provides a telephone handset (32" armored cord with steel lanyard) mounted on a 2-gang 11 gauge stainless steel plate with metal hanger. An ADA pushbutton volume control (3-levels) is provided on the visitor's side plate for handset volume adjustment. ADD "2ADA" to add an additional volume control pushbutton on the visitor-side stainless steel plate for controlling the inmate-side volume. *Other handset cord lengths are available.*

*St The Sign of Excellence*

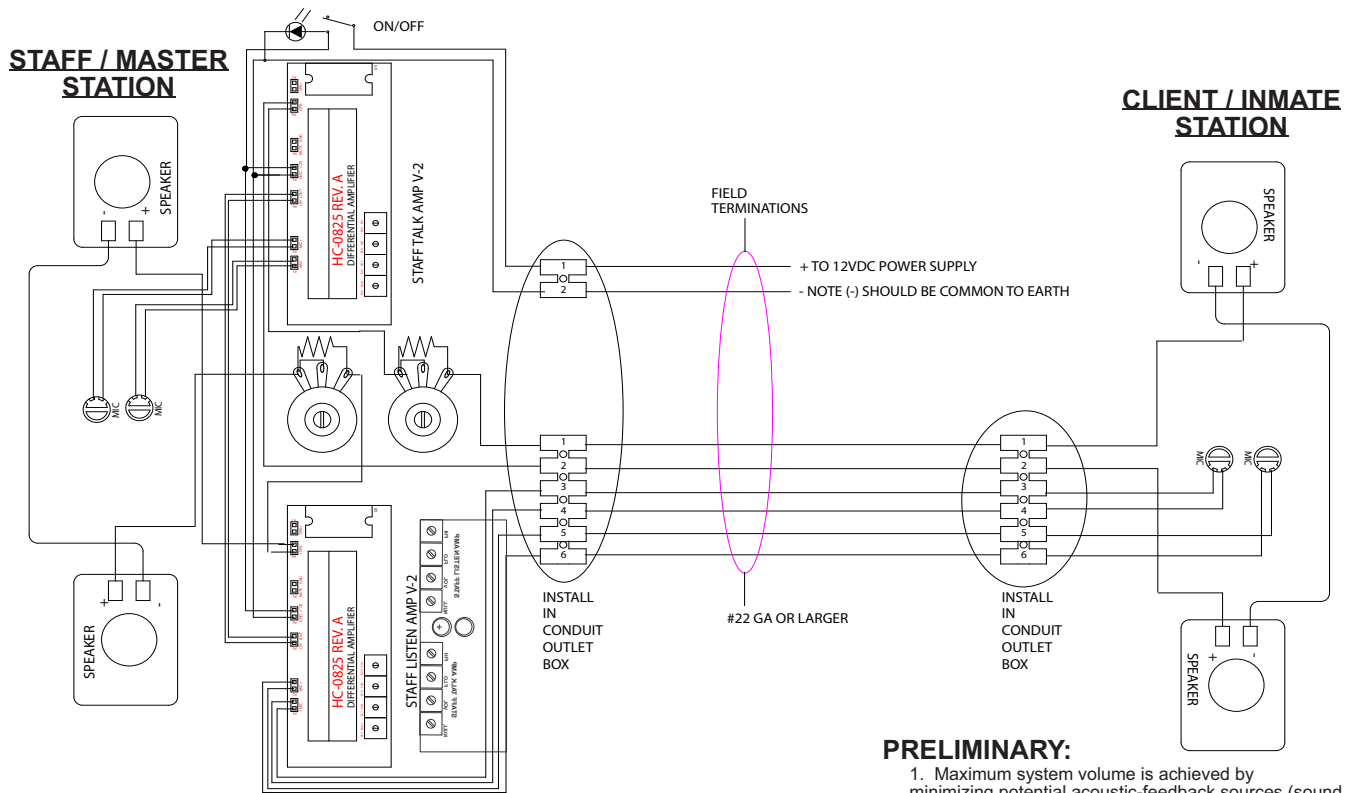
MODEL  
**JUSTTALK**  
DUPLEX TALK THROUGH COMMUNICATION  
TYPICAL INSTALLATION



# MODEL: JUSTTALK-V2

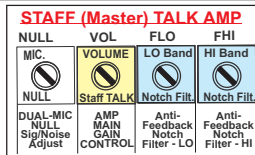
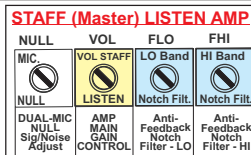
## DUPLEX TALK THROUGH COMMUNICATOR

### INSTALLATION DETAILS / HOOK-UP DIAGRAM



#### PRELIMINARY:

1. Maximum system volume is achieved by minimizing potential acoustic-feedback sources (sound paths) between the two "sides" of the visitation booth's Duplex Intercom System, Staff/Master side and Client/Inmate side.
2. Any open conduits, talk-grills, pass-thru openings, or close back-to-back station mounting, for example, can increase acoustic feedback (audible squeal).
3. Block all conduit with acoustic-putty or fire putty as shown in details.
4. Block or acoustically "deadened" any other openings where possible to minimize acoustic paths.



Detail of Eight (8) Installer Adjustment Available (Under Set-Screws, Shown from Front of Staff-Side Master Station)

#### ADJUSTING JUST-TALK UNITS:

Units are shipped with factory operating settings and should require only minor adjustments. If feedback does occur, go to steps #1 and #5, use small increment steps of tuning volume and notch filters. The adjustments require a small "flat blade" screwdriver –

Remove the eight (8) set screws for access to internal adjustment pots – the right side 4 adjustments are for client/inmate side station.

Note: tapping housing near mic with a finger will aid in adjusting by providing a reference level. If adjustment steps #3 and #5 does not clear the feedback, the following is the full re-calibration procedure. Note - Close Doors and Windows.

##### Initial Settings:

Set external volume knobs fully clockwise for all re-calibration adjustments (max volume setting).

Set internal volume pots mid-way.

Set notch filter pots mid-way.

Initially retain factory internal microphone "NULL" pot settings (see step #2)

**Adjustments:** Be consistent - be patient. Note: ALL ADJUSTMENTS REFERENCED REFER TO THE INTERNAL POTS, using a screwdriver.

Power up the Just-Talk system using Power-Button (Power-LED illuminates).

If feedback occurs –

1. Reduce volume – adjust internal volume pots clockwise until feedback is eliminated – alternate between the two amplifiers so both are approximately at the same volume level –
  - a. Adjust to highest volume –
2. Adjust microphone "NULL" pot balance on each unit – alternate between the two amplifiers so both are approximately at the same adj. level.
  - a. Adjust to highest volume –

**Alternate the following adjustments between steps #3 and #4 until maximum gain is achieved -**

3. Increase volume – adjust internal volume pots counterclockwise until feedback re-occurs. Try to keep both amplifiers at same volume level. When feedback is just starting, go to step #4.
4. Adjust notch filter pots until each feedback frequency is muted – typically begin with the HI-Band notch pots first, then the LOW-Band.

**Continue with step #5.**

5. Repeat steps #3 and #4 for each feedback frequency. Continue adjusting until both internal Volume Pots are as high as possible.

There are four internal notch filters (two on each amplifier) – each one can be used to mute a separate feedback frequency.

Making small adjustments between testing works best.

Units are now calibrated for maximum volume for that location. Adjust external volume knobs for desired operating volume.

Replace 8 set screws –