

## The basic Voice Communication System for High-Security Bullet proof Isolation Booth

Today's security and isolation booths are often the best step you can take to protect your employees. But do they protect or help maintain your very important good will? Not if clerks and customers have to shout, growl and repeat themselves to be heard or understood.

Norcon's patented TTU-1AX Talk-Thru Communicator is a 2-way, hands-free audio system that provides high-quality personal communication between people separated by security or isolation barriers. It is the most widely used system of its type in the U.S., and the world.

The TTU-1ABX is available in UL level 3 ballistic rating.

### HOW IT WORKS...

The Norcon TTU system permits hands-free communication between the booth attendant and the customer. Vox circuitry facilitates ongoing, clear, 2-way conversation at all times, as if the two parties were together in the same room.

The TTU-1ABX Talk-Thru Communicator now incorporates circuitry to automatically attenuate the outside channel. If the gooseneck microphone is not used for a period of 30 seconds, the outside channel volume will be reduced approximately 70%. Normal operation is restored as soon as the attendant speaks into the

gooseneck microphone. The automatic volume attenuation circuit prevents outside noise from bothering the attendant.

The TTU-1ABX provides clear communication even in environments with high ambient noise by shaping the sound for maximum intelligibility. Its compression circuitry decreases loud, annoying sounds.

The TTU-1ABX is equipped with a Jack to add a headset or wireless headset. Simply plug the headset in and communicate. The headset contains light weight construction, a boom mic and a single speaker that covers one ear.

### HOW TO INSTALL...

Installation of the TTU-1ABX is a very simple, one-person operation. All that's needed is a 3 - 4 inch cutout in the barrier. All hardware and cable are supplied. Please specify barrier thickness when ordering. The TTU-1ABX is supplied with a continuous-duty, 90-240-Volt AC power supply which is stepped down to 15 Volts.



# Norcon TTU-1ABX Talk Thru System™

## FEATURES

- Clear 2-way hands-free voice communication.
- Quality electronic design and engineering.
- Avoids yelling, repetition, misunderstanding.
- Now with removable XLR mic
- Rugged, tamper-resistant materials.
- Simple, one-person installation.
- Compact, contemporary design. Fits any decor.
- Bullet resistant option.
- Units available for ADA applications.
- Built in U.S.A with local and imported components
- Built in jack for headset

## SPECIFICATIONS

### MECHANICAL

- Outside face plate: Solid aluminum, anodized finish, tamper-resistant.
- Control housing (inside): Machined aluminum, anodized finish, tamper resistant.
- Size : Outside face plate 5 in. dia. x 1/2 in. deep. Inside control housing 5 in. dia. x 2 1/2 in. Deep. Microphone & gooseneck 18" long.(other lengths available)
- Weight: 4 lbs.
- Mounting: Partition hole 3 to 4 in. dia. (3 1/2 in. recommended) Specify barrier thickness when ordering.
- Panel controls: Listen volume, talk volume, on-off switch, headset jack.

## ELECTRONIC

- Audio frequency response: Selectively shaped for maximum voice intelligibility
- Audio power: 2 Watts per amplifier (2 amplifiers)
- Distortion: Less than 2%
- Listen mode: 20db. compression
- Talk mode: Vox
- Microphones: Electret
- Power supply:  
Input: 90-240 VAC, 60 Hz  
Output: 15 VDC, 1A

Specifications are subject to change without notice.

Talk-Thru systems are shipped complete with cables, instructions, and power supply.

## Other available models

- ◆ TTU-1AX same as TTU-1ABX, but without bullet-resistant option (UL Level 3)
- ◆ TTU-1DX Battery operated unit complete with rechargeable batteries and charger. Housing depth is 3 1/2 in.
- ◆ TTU-1DBX same as TTU-1DX, but with bullet-resistant option (UL Level 3)
- ◆ TTU-3X Counter mount unit (no need to cut a hole in the glass)
- ◆ TTU-7X Counter mount inside unit and the Window unit, for use where window shade is used
- ◆ TTU-NC noise cancelling Talk-Thru unit now incorporates circuitry to automatically attenuate the outside ambient noise by 26db to 30db. This feature can be added, on to any of the Talk thru communicators models, except the battery operated TTU-1DX. Ideal for high ambient noise environment
- ◆ TTU-HS Headset for TTU products
- ◆ TTU-WHS Wireless headset for TTU products