

TTU-1A™

The Basic Voice Communication System for High-Security and Isolation Booth Situations

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.

The patent pending TTU-1Talk-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.

HOW IT WORKS...

The 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-1 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.

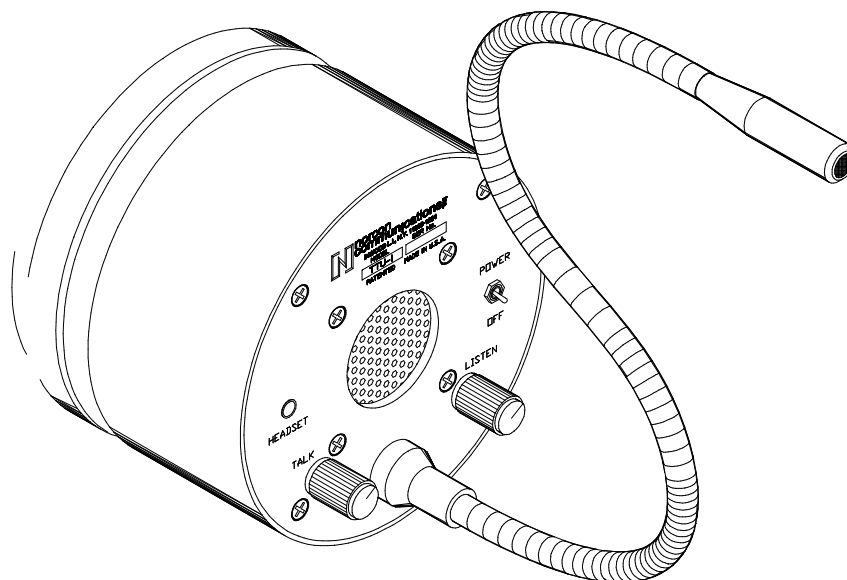
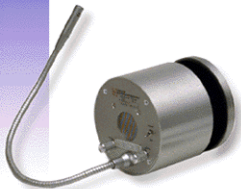
The TTU-1 provides clear communication even in environments with high ambient noise by shaping the sound for maximum intelligibility. A talk LED indicates the attendants (gooseneck microphone) is activated. Its compression circuitry decreases loud, annoying sounds.

The TTU-1A 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-1A 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-1A is supplied with a continuous-duty, 117-Volt power supply which is stepped down to 15 Volts.

Thru-Glass Two Way
Electronic Communicator



TTU-1A Talk Thru System™

FEATURES

- Clear 2-way hands-free voice communication.
- Quality electronic design and engineering.
- Avoids shouting, repetition, misunderstanding.
- Rugged, tamper-resistant materials.
- Simple, one-person installation.
- Compact, contemporary design. Fits any decor.
- Export models available.
- Bullet resistant option.
- Units available for ADA applications.
- Made in U.S.A.
- Built in jack for headset
- Talk LED indicator

SPECIFICATIONS

MECHANICAL

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

ELECTRONIC

- 1 **Audio frequency response:** Selectively shaped for maximum voice intelligibility
- 2 **Audio power:**2 Watts per amplifier (2 amplifiers)
- 3 **Distortion:**Less than 2%
- 4 **Listen mode:**20 dB compression
- 5 **Talk mode:**Vox
- 6 **Microphones:**Electret
- 7 **Power supply:**Input: 120 VAC, 60 Hz **Output:** 15 VDC, 175 mA Other input power is Available upon request.

Other models available

TTU-1AB same as TTU-1A, but with bullet-resistant option (UL 3) Housing depth 2 1/2"

TTU-1AJ same as TTU-1A, But with a removable gooseneck microphone. Housing dept 2 1/2"

TTU-1AJB same as TTU-1AJ, but with bullet-resistant option (UL 3) Housing dept 3 1/2"

TTU-1D Battery operated unit complete with rechargeable batteries and charger. Housing depth is 3 1/2 in.

TTU-1DB same as TTU-1D, but with bullet-resistant option (UL 3) Housing dept 4 1/2"

TTU-1DJ same as TTU-1D, But with a removable gooseneck microphone. Housing depth 3 1/2"

TTU-1DJB same as TTU-1DJ, but with bullet-resistant option (UL 3) Housing dept 4 1/2"

TTU-3 Counter mount unit (no need to cut a hole in the glass) 6" or 12"

TTU-HS Headset for TTU products

TTU-WHS Wireless headset for TTU products

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

Specifications are subject to change without notice.