

The Lithium-Ion battery powered 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.

Norcon's patented TTU-1DX-L 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-1DX-L is ideal for applications where running a power cable would hinder the cosmetics of the isolation booth.

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-1DX-L 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-1DX-L 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-1DX-L is equipped with a Jack to add a headset or wireless headset. Simply plug the headset in and communicate. The headset consists of a boom mic and a single head phone speaker that covers one ear.

HOW TO INSTALL...

Installation of the TTU-1DX-L 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-1DX-L is supplied with a PS-8d charger. Simply plug the charger into the charger jack, located above the headset jack, and charge the batteries during on off-peak hours.



Norcon TTU-1DX-L 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 ½ in. deep. Inside control housing 5 in. dia. x 3 ½ in. Deep. Microphone & gooseneck 18" long.(other lengths available)
- Weight: 4 lbs.
- Mounting: Partition hole 3 to 4 in. dia. (3 ½ 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: 100-240 VAC, 60 Hz Output: 15 VDC, 1A
- Batteries: Lithium Ion Operation time 10 + hours approx. Charge time 6 Hrs

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

Specifications are subject to change without notice.

Other available models

- ♦ TTU-1AX Continuous AC powered unit complete . Housing depth is 2 ½ in.
- ♦ TTU-1ABX same as TTU-1AX, but with bullet-resistant option (UL Level 1 or 3) Housing depth is 3 ½ in.
- ♦ TTU-1DBX-L same as TTU-1DX-L, but with bullet-resistant option (UL Level 1 or 3) Housing depth is 4 in.
- ♦ TTU-3X Counter mount unit (no need to cut a hole in the glass)
- ♦ TTU-HS Headset for TTU products
- ♦ TTU-WHS Wireless headset for TTU products