

## The Ideal Counter-Top Communication System where it is impractical to cut a hole in the Barrier

There are times when it's impractical to cut a 3 to 4 in. hole in an isolation barrier. In such cases, the Norcon TTU-3NC is the communication system of choice. The TTU-3NC's prism-shaped units are ideal for counter-top mounting on both sides of a barrier.

The TTU-3NC incorporates the same high-quality electronics as the basic patented Norcon TTU-1-X Talk-Thru system.

The TTU-3NC noise cancelling Talk-Thru now incorporates circuitry to automatically attenuate the outside ambient noise by 26db to 30db. The unit also features an automatic mute feature on the operator's 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-3NC with the MRA option provides a line level audio signal of the TALK channel for analog audio recording or connections to induction loop hearing aid driver.

### Mechanical Specifications...

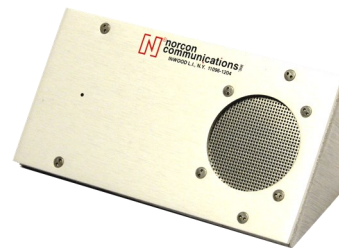
- Outside assembly: machined aluminum, anodized finish, Tamper-resistant.
- Inside assembly: Machined aluminum, anodized finish, Tamper-resistant.
- TTU-3 : Inside unit 6" W x 3" H x 2 3/8" D  
Outside Unit : 6" W x 2 3/8" H x 2 3/8" D  
Weight: 3.5 lbs.
- Mounting: Counter-top.
- Panel control: Listen volume, Talk volume, power on/off, and LED power indicator.

### Electronic Specifications...

- Audio frequency response: Selectively shaped for maximum voice intelligibility.
- Customer side noise cancellation, 16 bit DAC and 16 bit ADC, reduce the noise 26 db. ~ 30 db.
- An attached module to provide a line level audio signal of mixed TALK/LISTEN channel for analog audio recording or induction loop hearing aid.
- Audio power: 2 watts per channel.
- Distortion: Less than 2%.
- Listen mode: 20dB compression
- Talk mode: VOX
- Microphones: Electret



Inside Unit (Attendants Side)



Outside unit (Customer Side)