

PROTECTING PEOPLE & PROPERTY

BALLISTIC, BLAST, STORM IMPACT & FORCED ENTRY PROTECTION

DATA SHEET

THROUGH GLASS ELECTRONIC COMMUNICATION DEVICE

MODEL UST1

UL 752 Levels 1-3 Ballistic Protection

The UST 1 provides electronic two-way, handsfree audio communications (duplex) between a partition. The inside operator controls the operation by speaking into the gooseneck microphone. The unit automatically initiates the "listen" mode when the operator discontinues speaking into the microphone. The UST 1 contains two voice channels, each incorporating a microphone amplifier, VOX switch, compressor, background noise monitor, attenuator controls, level detectors, and a bridge amplifier. The sound amplifier does not exceed a 0.2% total harmonic distortion rating. The UST 1 is four inches in diameter and equipped with an operator-side gooseneck microphone, power on/off switch, power on green LED, "talk" volume control and "listen" volume control. The exterior, or customer side, is equipped with a 2 1/4" ferrite, magnet speaker and electret microphone. The speaker and microphone are located so as not to be damaged by tools such as screwdrivers and pliers. The UST 1 incorporates a Class II bullet-resistant insert, able to withstand a standard bullet from a .357 Magnum firearm. The unit is constructed of machined aluminum and finished in silver or black.

- Rugged aluminum construction
- Compact 4.0" diameter design
- Bullet resistant insert
- Duplex communication
- Voice activated switch
- Background noise level monitoring
- Level detection and attenuation control
- Linear volume control

United States Bullet Proofing, Inc. 16201 Branch Court Upper Marlboro, MD 20774 www.usbulletproofing.com P: (800)-363-8328 F: (301)-218-7925 info@USBP.com www.USBP.com _{Rev 2.0}

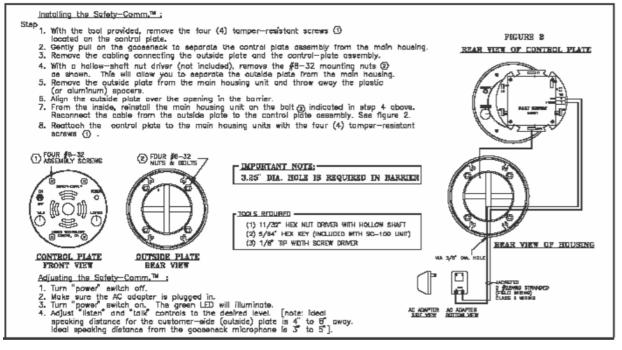




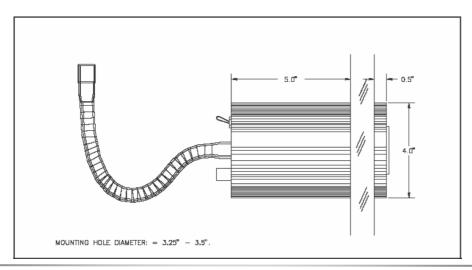
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Installation:



The UST 1 is easily installed in a partition with either 3.25" or 3.5" cutout. An optional plate is available for 4" cutouts. The exterior plate is assembled to the interior housing via four bolts provided. A barrier thickness must be specified. The interior control plate is then fastened to the housing with four tamper-resistant screws. Gaskets prevent the unit from scratching the surface barrier. An AC adapter is supplied for continuous duty. The adapter steps down 120V AC input to filtered 18V DC output for class II installations.



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