

BTR700

Single Channel UHF Synthesized Wireless Intercom



- **TR-700 Wireless Beltpacks.** Four beltpacks per base station. Each BTR-700 base station can support up to four beltpacks in fulltime transmit, full duplex operation. Multiple base station/belt pack systems can be used together to meet the needs of virtually any wireless communications application.
- **Frequency Agile.** Choose from 1440 user selectable frequencies using the 700's graphical user interface. Frequencies can be selected from groups of intermod free choices, or any frequency in 25 KHz increments. Select from 720 TX and 720 RX frequencies each from independent 18 MHz operational bands.
- **UHF Operation.** Both the BTR-700 and the TR-700s operate in the UHF band from 518 to 740 MHz. Bases and beltpacks operate in specific 18 MHz operational bands. Contact Telex customer service for complete frequency band details.

- **Enhanced ClearScan™ Frequency Auto Selection And Graphical User Interface.** (See page 2)
- **Intermodulation-Free Factory Selected Groups.** Each 700 system comes with 24 factory selected, intermod avoiding groups that allow even the most uninitiated user to get started right out of the box. Telex has done all of the work for you!
- **"Fifth Person" Talk/Listen Station At Base.** The BTR-700 base station features a full talk/listen headset station so that an additional user can communicate on the intercom channel.
- **Intelligent Power Control™** This new breakthrough technology takes system range and performance to a whole new level. Each beltpack senses when it is close to the base station and intelligently reduces its output by 10 dB. This effectively eliminates overloading the base station receiver front end which is the primary cause for the "near — far" desensing problem experienced in other wireless intercoms.

The most versatile wireless intercom ever!

Frequency agile

1440 selectable frequencies

ClearScan™ auto frequency selection

4 beltpacks per base station

Cast magnesium beltpacks

And so much more



TR-800/700 Beltpack

TR 800/700 beltpacks are small, lightweight and extremely rugged and reliable. All metal construction, an easy-to-read LCD status screen and field replaceable antennas are just a few of the features.

- Cast Magnesium Beltpacks.** TR-700 beltpacks are constructed of extremely light, strong and durable cast magnesium. Using magnesium substantially decreases the weight of the beltpack while assuring the utmost ruggedness and durability.
- Detachable Beltpack Antennas.** TR-700 beltpacks feature detachable antennas that utilize stud type threaded connectors that do not have a fragile center pin to break off or bend. Detachable antennas make storage or shipping a breeze.
- Two Great Battery Options.** TR-700 beltpacks can be operated from standard Alkaline AA batteries that provide over 14 hours of continuous duty operation. For applications where rechargeable batteries are required optional NiMH battery packs are available. NiMH batteries do not develop harmful memories like NiCads and offer a full 12 hours of operation. Drop-in chargers are also available in single and four-gang configurations.



TR-1, TR-800, TR-700 NiMH Battery Charger

Available in either 1 bay or 4 bay, these chargers provide quick charging of your Nickel Metal Hydride (NiMH) battery packs.

