Product Spec Sheet from Rentex

Telex BTR-800 2-Channel UHF Base Station

Mfr Part No. F.01U.145.761

The Telex BTR-800 is a 2-channel, frequency-agile UHF wireless intercom Base Station, with channel access from each of four full-duplex beltpacks, stage announce output with relay closure, wireless talk around (ISO), the patented Enhanced ClearScan channel search feature, and a talk/listen headset station at the base.

The BTR-800 features a transparent graphical user interface and a backlit display, with advanced technology functions such as combination tone code/RF noise squelch and DSP digital audio processing. This unit has an A4M Telex headset jack and works on A2: 518-536MHz Transmit/632-650MHz Receive frequencies.

Features

- UHF Wireless Communication
- ClearScan Channel Search
- Talk/Listen Station
- Kit Includes: (1) Telex BTR-800-E88 Base Station, (4) Telex TR-825-E88 RTS Belt Packs, (4) Telex HR-1 Single Muff Headsets, (2) Telex ALP-450 Paddle Antennas, (2) 50 OHM TNC-BNC 50' Antenna Cables, (8) Telex BP-700 Battery Sleds

Detailed Specifications

System Modulation	FM
Frequency Range	A2: 518-536MHz Transmit/632-650MHz Receive
Operating Range	Up to 1000' (Line of Sight)
Tuning	0.005%, Synthesized IFs
Output	100mW Max
Deviation	40kHz
Modular Distortion	<1% @ Full Deviation
Sensitivity	< 0.8uV for 12dB SINAD
Image Rejection	> 70dB
Power	100-240VAC, 50/60Hz, IEC Receptacle
Connectors	Front Panel: 1 x A4M Telex Rear Panel: 2 x Female Color-Coded TNC Transmit/Receive Connectors 2 x Male/Female 3-pin XLR 2-Wire Intercom Connectors 1 x RJ-11 Base Station Link Jack 2 x Male/Female 3-pin XLR Auxiliary Audio I/O Connectors 1 x 3-pin XLR Male Stage Announce Out 1 x IEC Power Receptacle

Coverage Pattern	Front Panel: 1 x Power Switch 2 x Menu and Set Buttons 2 x Up and Down Buttons 4 x Portable Station Enable/Disable Buttons 3 x 2-Wire, 4-Wire, Select Wired Intercom Control LED Buttons 2 x Intercom In/Out Switches 2 x Auxiliary Interface Enable LED Buttons 2 x Auxiliary In/Out Switches 1 x Headset Volume Control 1 x Headset Microphone Gain Control 1 x Talk Button 1 x Backlit LCD Display 1 x Talk/Overmod LED Indicator 4 x Portable Station Status LED Indicators Rear Panel: 1 x Transmit Power High/Norm Switch 1 x Transmit On/Off Switch 1 x 3-way Telex, RTS, Clear-Com I/C Select Switch
Dimensions	19 x 1.7 x 14" (483 x 44 x 356mm)
Weight	7.2 lbs (3.2kg)