

# Telex<sup>®</sup>

## ENG-100 Portable UHF Receiver



The ENG-100 is a high quality portable UHF receiver which delivers superior audio performance on any of 100 channels in the 668 to 746 MHZ RF frequency range. Contained in a rugged plastic housing, with a built in phase diversity system and two integral antennas, the ENG-100 assures reception even in the most difficult situations.

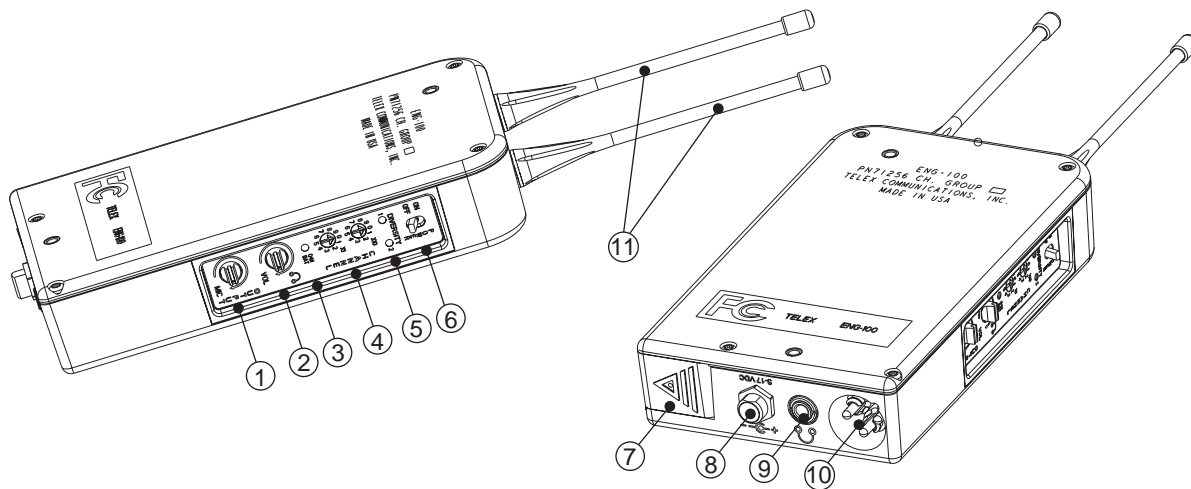
The ENG-100 features an internal headphone amplifier and an adjustable audio output control to accommodate any situation from news gathering operations to live performance communications.

### APPLICATIONS:

- Broadcast
- Corporate Video
- Event Videography
- Industrial
- Medical
- ENG/EFP
- Educational
- Institutional
- Rental
- Video Conferencing

### FEATURES

- Portability
- Superior Audio Quality
- Frequency Flexibility
- Rugged case
- 100 channels



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| <ol style="list-style-type: none"> <li>1. Mic output level trimmer</li> <li>2. Headphone volume</li> <li>3. On/Low Battery indicator</li> <li>4. Channel selectors</li> <li>5. Diversity antenna indicators</li> <li>6. Power switch</li> </ol> | <ol style="list-style-type: none"> <li>7. Battery compartment</li> <li>8. External power jack</li> <li>9. Headphone jack</li> <li>10. Mic output connector</li> <li>11. Diversity antennas</li> </ol> |
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### SPECIFICATIONS

<p>RF Frequency Range: 668.0 to 746.0 MHZ</p> <p>Channels: 100 (0-99) (within TV Ch. 47/48 or 58/59)</p> <p>R.F. Stability: 0.005% or better</p> <p>Modulation Type: FM, 40 KHz nominal</p> <p>Receiver Type: Single Conversion, 10.7 MHZ I.F.</p> <p>I.F. Bandwidth: 180 KHz at -3db points</p> <p>Image Rejection: 65 dB or better</p> <p>Squelch: Fixed, internal, 31.250 KHz Tone + Amplitude</p>	<p>Audio Output: Mic. Level, -10 to -60 dBV</p> <p>Audio Frequency Response: 50 to 1500 Hz +/- 1 dB</p> <p>Audio Distortion: Less than 2% THD (mic. Output)</p> <p>Receiver Sensitivity: Less Than 1.0 uV for 12 dB SINAD. 0.7 uV Typical</p> <p>Diversity: Phase Diversity, 2 Antennas, attached</p> <p>Input Power: 2 AA Size Alkaline Batteries or 9.0 to 17.0 VDC external</p> <p>FCC: Part 15</p>
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**Telex®**

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