



# WESTMINSTER

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## WG EOD Wireless Communication



The WG EOD Wireless Communication unit has an extensive range of features. It is ideal for virtually any selective calling situation, or gaining access to repeaters, with its 39-tone CTCSS, 104 DCS, Tone-bursts and DTMF encoding.

### STANDARD FEATURES

- 2-touch Repeater Access
- Rugged polycarbonate body
- Highly visible backlit alpha-numeric display
- Direct frequency input through illuminated keypad
- 200 memories plus 1 Call channel
- VFO, Memory and Scan mode
- Ultra-flexible antenna with SMA port
- 39 CTCSS tone squelch (encode/decode)
- 1000, 1450, 1750 and 2100Hz Tone bursts
- Battery-drain functions avoids memory-effect
- Ergonomic design, fits in the palm of your hand
- Wire-cloning capability
- 3 levels of output power (5/2/0.5W)
- Clean, crisp and powerful 500mW

### SPECIFICATION

#### Frequency coverage:

- [E model 230V] TX 144~145.995MHz  
\*144~145.995MHz
- RX 144~145.995MHz \*144~145.995MHz
- \* Guaranteed range per specifications
- Mode: F3E (FM) / F2D
- Frequency steps: 5, 10, 12.5, 20, 25 & 30KHz
- Memory channels: 200 channels + 1 CALL channel + 1 Repeater-
- Access function memory
- Antenna connector: 50Ω unbalanced
- Frequency stability: ±2.5ppm
- Microphone impedance : 2kΩ nominal
- Power supply requirement: 7.2V Battery only
- Current drain (Approx.) : 1.6A Transmit high at 5W
- 250mA Receive at 500mW
- 70mA Stand-by
- 30mA Battery save on
- Usable temperature range: -10~+45°C  
(+14~113°F)
- Ground: Negative ground
- Dimensions: 58(W)×107.5(H)×36.3(D) mm,  
2.28(W)×4.23(H)×1.43(D) inches
- Weight: Approx. 245g/ 8.7oz with EBP-72 & antenna

## SPECIFICATION

### Transmitter

- Output power (Approx.) : 5W (High)/ 2W (Middle)/ 0.5W (Low)
- Modulation: Variable reactance frequency modulation
- Spurious emissions: -60dB or less
- Max. frequency deviation:  $\pm 5\text{KHz} \pm 2.5\text{KHz}$  (Narrow band model)\*\*

### Receiver

- Receive system: Double conversion superheterodyne
- Intermediate frequencies: 1st: 21.7MHz / 2nd: 450KHz
- Sensitivity(12dB SINAD):  $-14\text{dB } \mu$  (0.2  $\mu$  V)
- Selectivity: -6dB: 12KHz or more / -60dB: 26KHz or less
- -6dB: 6KHz or more / -60dB: 14KHz or less (Narrow band model)\*\*
- Audio output power: 500mW (8  $\Omega$ , MAX)/400mW (8  $\Omega$ , 10% THD)
- \*\* Narrow-FM models available depending on areas of distribution.