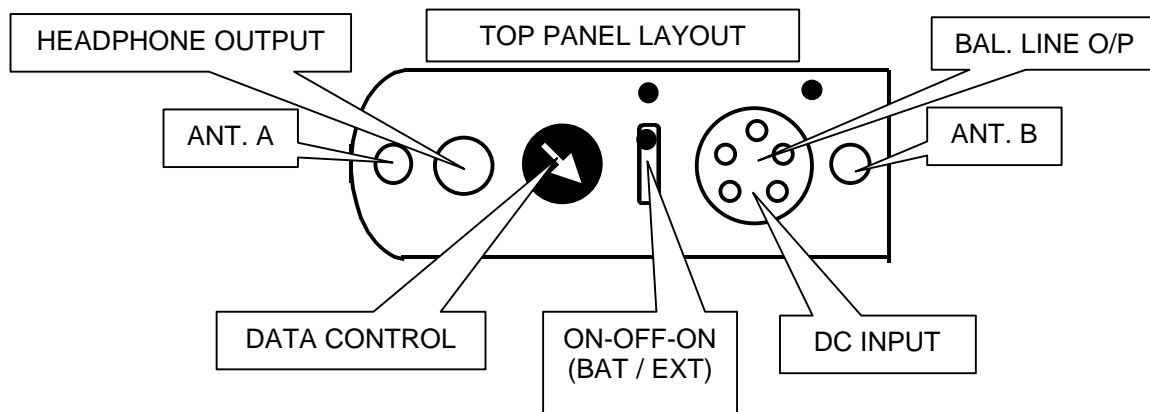


TRANTEC SYSTEMS

ENG5000 TECHNICAL SUMMARY PROFESSIONAL UHF E.N.G. PORTABLE RECEIVER



Features:

- Up to 64 frequencies, in up to 4 banks (16 per bank)
- Diversity, Multi-channel, Dual Conversion, Synthesised Receiver Topology
- Available configured on any UHF channel between 60 and 70, with a 32MHz bandwidth
- Variable Level Balanced Output (-24dBm to 0dBm)
- Variable Level Headphone Output (50mW, 16 Ohm)
- Fully microprocessor controlled
- Top panel LEDs indicate RF carrier and power/battery low
- Auxiliary DC Input
- On / Off / On switch, recessed to prevent accidental operation. Selectable Battery or External DC operation.
- Operation controlled by top panel rotary selector and concealed side mounted push button
- LCD indicates frequency and bank, with battery power percentage indication on power up
- Compact belt-pack case, all metal construction. Same format as S5000TX belt-pack
- Powered by single MN1604/PP3 9v battery, average life 8 hours
- Windows software available to program frequency allocation from a PC or laptop. (Requires a Trantec adapter lead to connect to parallel port)

System Specifications:

- Microprocessor Controlled Diversity Operation
- Sensitivity: 0.5 μ V (12dB SINAD)
- Audio Output: Electronically Balanced, Variable Level (-24dBm to 0dBm)
- Headphone Output: 50mW (16 Ohms), Variable Level
- Audio Frequency Response: 40Hz to 18kHz
- Audio SNR: >110dBA
- DC Input: 8v to 20v, 50mA