

SPECIFICATIONS

MaxTrac™

Your mobile radio has been carefully adjusted within the following specification limits, using extremely accurate test equipment maintained to the highest standards. Please do not attempt to retune this radio unless absolutely necessary. If retuning is required, use only properly maintained and calibrated equipment. All the specifications are measured at nominal power supply voltage ($\pm 0.1V$) at 25°C (77°F).

| TRANSMITTER | | MODEL | LOW BAND | VHF BAND | UHF BAND | 800 MHz BAND | | 900 MHz BAND | |
|--|-------|-------|----------|-----------|------------|--------------|------------------------|--------------|------------------------|
| FREQUENCY RANGE | (MHz) | | 29.7-50 | 136-174 | 403-479 | 806-825 | 851-870 Talk Around | 896-902 | 935-941 Talk Around |
| MAXIMUM FREQUENCY OFFSET | (Hz) | | ± 90 | ± 410 | ± 1200 | ± 1000 | ± 1000 | ± 600 | ± 600 |
| TYPICAL OUTPUT POWER | (W) | | | | | | | | |
| *equipped with B329 option | | D0--- | | 2 (3*) | 2 | | | | |
| *equipped with B329 option | | D2--- | | | | | | 12 (4*) | 10 (4*) |
| *equipped with B329 option | | D3--- | | 25 | 25 | 15 (3*) | 12 (3*) | 30 | 20 |
| | | D4--- | | 45 | 40 | 35 | 20 | | |
| | | D5--- | 60 | | | | | | |
| | | T2--- | | | | 10 | 5 | 10 | 5 |
| | | T3--- | | | | 25 | 10 | 20 | 10 |
| TOTAL DEVIATION | (kHz) | | 4.0-5.0 | 4.0-5.0 | 4.0-5.0 | 4.0-5.0 | 4.0-5.0 | 2.0-2.5 | 2.0-2.5 |
| PL/DPL DEVIATION | (Hz) | | 500-1000 | 500-1000 | 500-1000 | 500-1000 | 500-1000 | 250-500 | 250-500 |
| CONNECT TONE DEVIATION** (non-adjustable) | (Hz) | | | | | 500-1000 | | 250-500 | |
| HIGH SPEED DEVIATION** (non-adjustable) | (Hz) | | | | | 2400-3600 | | 1400-2000 | |

** Trunking radio only

| RECEIVER | | | LOW BAND | VHF BAND | UHF BAND | 800 MHz BAND | | 900 MHz BAND | |
|-------------------------------------|------|--|----------|----------|----------|--------------|-----|--------------|-----|
| SENSITIVITY (12dB SINAD) | (uV) | | 0.3 | 0.3 | 0.3 | | 0.4 | | 0.4 |
| MAXIMUM DISTORTION @ RATED AUDIO | (%) | | 5 | 5 | 5 | | 5 | | 5 |