

## D-500 DMR Handheld Radio

Get into Amateur DMR with the BridgeCom Systems D-500 portable by Tekk. It's available in both 2m VHF (144-147.99 MHz) and 70cm/440 UHF (420-450 MHz). It works in both analog and DMR (TDMA) digital. It's fully compatible with DMR tier I and II. As your communication needs change from analog to digital, the D-500 is ready.

The BridgeCom Systems D-500 is a true technology leader. It has a large color LCD display that is easy to read, clear graphics and text messages that any amateur will love. It provides up to 5 watts power and 1000 channel capacity. You will be able to talk for hours with the 2200 mAh Li-ion battery. The radio is built on a rugged die-cast frame and is IP-54 water resistant, yet only weighs 260 grams. The D-500 is rugged enough for commercial, but made for the amateur.

The BridgeCom Systems D-500 has a one year warranty and is backed by BridgeCom Systems excellent customer service. Order your new D-500 today!



### Specification

| General                            | D-500  |
|------------------------------------|--|
| Frequency Range                    | 144-147.99 TX / 136-174MHz RX<br>or 430-450 TX / 400-470MHz RX |
| RF Output Power                    | Hi Power 5W Low Power 2W                                       |
| Channels                           | 1000 Channels  |
| Channel Spacing                    | Wide: 25kHz Narrow: 12.5kHz                                    |
| CTCSS/DCS                          | 50 CTCSS/105 DCS   |
| Antenna Impedence                  | 50Ω  |
| Operating Temperature              | -22° F to +140° F (-30° C to +60° C)                           |
| Operating Voltage                  | 7.4 Volts DC Nominal   |
| Battery Type                       | 2200 mAh Li-ion  |
| Battery Lifespan (5/5/90)          | 10 Hours Analog 14 hours Digital                               |
| Dimensions (Excluding Antenna)     | 9.6(H) 2.5(W)2.25(D)inch                                       |
| Weight (Battery, Antenna Included) | 9.2 Ounces   |

| Transmitter   | D-500                                 |
|---------------|---------------------------------------|
| Output Power  | 5W, 2W                                |
| Battery Drain | 1.4 Amps @ 7.4 VDC                    |
| Distortion    | 3% Modulation Distortion @<br>1000 Hz |
| Hum & Noise   | 42 dB                                 |

| Receiver      | D-500                           |
|---------------|---------------------------------|
| Sensitivity   | 12dB SINAD: 0.28 uV             |
| Selectivity   | Better than 65dB @ 12.5 kHz     |
| Spurious      | 65dB Spurious Response          |
| Audio Power   | 1 Watt / 5% Distortion @ 8 Ohms |
| Battery Drain | 45 mA Nominal                   |

In our on-going commitment to quality, specifications are subject to change without notice.