

# TEKK

Incorporated

## Professional Communications



## GT Series 5 Watt Portables

The GT Series 5 watt portable radios combine the best of needed features, advanced features and performance combined with our traditional low cost.

The GT Series portables come standard with a long-life 1800 mAh Li-ion battery giving you exceptional length-of-shift capacity. Combined with our new 2-tone decode option, sealed cabinet and rugged construction, this unit will go where you need it the most.

### SPECIAL FEATURES

- Very Small with full 5 Watts!
- 16 Channels
- 1800 mAh standard battery!
- 2-Tone decode programmable
- Vox function programmable
- Voice Scrambling option
- 153 DCS/CTCSS Settings
- Full Scan Options

### ACCESSORIES

- Speaker Microphone
- Voice Scrambler
- Light or heavy duty headsets
- Rapid Charger

[See Page 2 For full Specifications](#)

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# GT-80 Vhf and GT-90 Uhf

High Quality, 5 Watt, 16 Channel portable radios

## General Specifications (All models)

|                   |                              |
|-------------------|------------------------------|
| Approvals         | FCC and Industry Canada      |
| Dimensions        | 4.5 x 2.6 x 1.5 inches       |
| Weight            | 9.5 Oz with 1800 Mah Battery |
| Frequency range   | 148-174 MHz or 430-470 MHz   |
| Channels          | 16 Channels                  |
| Operating Temp    | -30 ~ +60 C                  |
| Nominal voltage   | 7.2 Volts                    |
| Channel Spacing   | 2.5 / 25 KHz                 |
| Antenna Impedance | 50 Ohms                      |
| Audio Response    | Per EIA Specifications       |

**Standard equipment includes 1800 Mah Li-Ion battery, Antenna, standard rate Charger and belt clip.**

## Receiver

|                     | GT-80                 | GT-90                 |
|---------------------|-----------------------|-----------------------|
| Usable Sensitivity  | 12dB SINAD: 0.3uV     | 12dB SINAD: 0.3uV     |
| A. C. R.            | 60 dB                 | 60 dB                 |
| Frequency Stability | +/- 2.5ppm            | +/- 2.5ppm            |
| Spurious Response   | 70dB                  | 70dB                  |
| Audio Distortion    | 5% at 0.5W            | 5% at 0.5W            |
| Hum & Noise         | 40/ 34 dB             | 40/ 34 dB             |
| Intermediate Freq.  | 1 @45 Mhz, 2 @455 Khz | 1 @45 Mhz, 2 @455 Khz |
| Channel Spread      | 38 Mhz without tuning | 38 Mhz without tuning |
| Battery Drain       | Stand by: 45mA        | Stand by: 45mA        |

## Transmitter

|                     | GT-80               | GT-90               |
|---------------------|---------------------|---------------------|
| RF power            | 5/1 Watt            | 5/1 Watt            |
| Frequency Stability | +/- 2.5 ppm         | +/- 2.5 ppm         |
| Max deviation       | +/- 5KHz / 2.5KHz   | +/- 5KHz / 2.5KHz   |
| Hum & Noise         | 34 db / 40 db       | 34 db / 40 db       |
| Modulation dist.    | 5% Max              | 5% Max              |
| Channel Spread      | 38 Mhz, No tuning   | 38 Mhz, No tuning   |
| Battery Drain       | 1.8 Amps at 5 Watts | 1.8 Amps at 5 Watts |
| Modulation          | F3E                 | F3E                 |