

Specifications

● General

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| Frequency Range | RX: 136 - 174 MHz, 400 - 480 MHz TX: 136 - 174 MHz (Asian version) 144 - 146 MHz (European version) 144 - 148 MHz (USA version) 400 - 480 MHz (Asian version) 430 - 440 MHz (European version) 430 - 450 MHz (USA version) |
| FM Broadcast: | 65 - 108 MHz |
| Channel Steps | : 5 / 6.25* / 10 / 12.5 / 15 / 20 / 25 / 50 / 100 kHz (*: European version only) |
| Mode of Emission | : F2D, F3E, F2A |
| Frequency Stability | : ±2.5 ppm (-20 °C to +60 °C [-4 °F to +140 °F]) |
| Antenna Impedance | : 50 ohms |
| Supply Voltage | : Nominal: 7.4 V DC, Negative Ground SBR-28LI |
| Current Consumption (Approx.) | : 190 mA (Receive, 200 mW Audio Output) 95 mA (Standby, Saver Off) 23 mA (Standby, Saver On) 5 mA (Auto Power Off) 1.5 A (5 W TX, 144 MHz) 7.4 V DC 1.7 A (5 W TX, 430 MHz) 7.4 V DC |
| Operating Temperature | : -4 °F to +140 °F (-20 °C to +60 °C) |
| Case Size | : 2.0" (W) x 3.5" (H) x 1.2" (D) (52×90×30mm) (W/O knob and antenna) |
| Weight (Approx.) | : 8.82 oz (250 g) with SBR-28LI and antenna |

● Transmitter

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| RF Power Output | : 5.0 W (High) / 2.5 W (Middle) / 0.5 W (Low) (@ 7.4 V with SBR-28LI) |
| Modulation Type | : Variable Reactance |
| Maximum Deviation | : ±5.0 kHz |
| Spurious Emission | : USA/Asian version At least 60 dB below (@TX Power High, Middle) At least 50 dB below (@TX Power Low) European version At least 60 dB below (@TX Power High, Middle) At least 55 dB below (@TX Power Low) |
| Microphone Impedance (Approx.) | : 2 kΩ |