

With all the products available on the public safety communications market, it's difficult to tell which ones are narrowband compliant. So we invited two-way radio manufacturers to identify which of their mobile and portable radio models, and base stations *are* compliant. This list can serve as a guide for public safety agencies, but always verify the compatibility of your radios with each manufacturer. Manufacturers represented here are:

- [EF Johnson](#),
- [Harris Corp.](#),
- [Icom America](#),
- [Kenwood USA](#),
- [Motorola](#),
- [RELM Wireless](#),
- [Tait Radio Communications](#),
- [Thales Communications](#) and
- [Vertex Standard](#).

If your radio models are not listed here, you may need to start replacing them now to meet the FCC deadline. As the deadline approaches, 11th-hour radio orders may result in longer lead times from purchase order to actual receipt of the replacement radios.

Test equipment is also available:

**Aeroflex Inc.**, [www.aeroflex.com](http://www.aeroflex.com)

- 3920 Digital Radio Test Set
- 3500A Portable Radio Test Set

Remember, the following radios *will* meet the narrowband requirement.

**EF Johnson Technologies Inc.**, [www.efjohnsontechnologies.com](http://www.efjohnsontechnologies.com)

*Mobile Radios:*

- 5300 ES Mobile
- 53SL ES Mobile
- Ascend ES Mobile

*Portable Radios:*

- 5100 ES Portable
- 51SL ES Portable
- Ascend ES Portable

**Harris Corp.**, [www.harris.com](http://www.harris.com)

*Base Station:*

- MASTR V

*Mobile Radios:*

- M7300
- M7100IP
- M3300

*Portable Radios:*

- Unity XG-100 model
- P7300 model series (7350, 7370)
- P7100IP model series (P7130IP, P7150IP, P7170IP)
- P5400 model series (P5450 P5470)
- P5100 model series (P5130 P5150)

**Icom America, [www.icomamerica.com](http://www.icomamerica.com)**

*IDAS:*

- IC-F3161/F4161 series
- IC-F5061/F6061 series
- IC-FR5000 series

*Mobile Radios:*

- IC-F121S/F221S series
- IC-F121/F221 series
- IC-F5021/F6021 series
- IC-F521/F621 series
- IC-F1721/F2721 series
- IC-F621TR

*P25 Radios:*

- IC-F70/F80 series
- IC-F1721/F2721 series
- IC-F9011/F9021 series
- IC-F9511/F9521 series
- IC-F9511HT

*Portable Radios:*

- IC-F11 series
- IC-F3011/F4011 series
- IC-F14/F24 series
- IC-F3021/F4021 series
- IC-F33G/F43G series
- IC-F50/F60 series

- IC-F50V/F60V series
- IC-F30G/F40G series
- IC-F43TR
- IC-4088A
- IC-F21BR
- IC-F21GM

**Kenwood USA, [www.kenwoodusa.com](http://www.kenwoodusa.com)**

*Base Stations:*

- TKR-740K: 146–162 MHz, 50W; 25/12.5 analog
- TKR-740K2: 158–174 MHz, 50W; 25/12.5 analog
- TKR7400SK1: Basic configuration, 146–162 MHz; 25/12.5 analog
- TKR7400SK2: Basic configuration, 158–174 MHz; 25/12.5 analog
- TKR-751K: 146–162 MHz, 25W; 25/12.5 analog
- TKR-750K: 146–162 MHz, 50W; 25/12.5 analog
- TKR-750K2: 158–174 MHz, 50W; 25/12.5 analog
- TKR7510SK1: Basic configuration, 146–174 MHz; 25/12.5 analog
- TKR7500SK2: Basic configuration, 136–146 MHz; 25/12.5 analog
- TKR-840K: 450–480 MHz, 40W; 25/12.5 analog
- TKR-840K2: 480–512 MHz, 40W; 25/12.5 analog
- TKR8400SK1: Basic configuration, 450–480 MHz; 25/12.5 analog
- TKR8400SK2: Basic configuration, 480–512 MHz; 25/12.5 analog
- TKR-851K: 450–480 MHz, 25W; 25/12.5 analog
- TKR-850K: 450–480 MHz, 40W; 25/12.5 analog
- TKR-850K2: 480–512 MHz, 40W; 25/12.5 analog
- TKR-850K3: 400–430 MHz, 40W; 25/12.5 analog
- TKR8510SK1: Basic configuration, 450–480 MHz; 25/12.5 analog
- TKR8500SK2: Basic configuration, 480–512 MHz; 25/12.5 analog
- TKR8500SK3: Basic configuration, 400–430 MHz; 25/12.5 analog
- TKB8510PS: Basic configuration, 450–480 MHz; 25/12.5 analog
- TKB7510PS: Basic configuration, 146–174 MHz; 25/12.5 analog
- TKR8510PS: Basic configuration, 450–480 MHz; 25/12.5 analog
- TKR8510PSD: Basic configuration, 450–480 MHz w/internal duplexer; 25/12.5 analog
- TKR7510PS: Basic configuration, 146–174 MHz; 25/12.5 analog
- TKR7510PSD: Basic configuration, 146–174 MHz w/internal duplexer; 25/12.5 analog
- NXR-700K: Repeater, 146–174 MHz, 5W; 25/12.5 analog; 12.5/6.25 digital
- NXR-700K2: Repeater, 136–154 MHz, 5W; 25/12.5 analog; 12.5/6.25 digital
- NXR7000SK1: Basic configuration, 146–174 MHz; 25/12.5 analog; 12.5/6.25 digital
- NXR7000SK2: Basic configuration, 136–154 MHz; 25/12.5 analog; 12.5/6.25 digital
- NXR-800K: Repeater, 450–480 MHz, 5W; 25/12.5 analog; 12.5/6.25 digital
- NXR-800K2: Repeater, 480–512 MHz, 5W; 25/12.5 analog; 12.5/6.25 digital

- NXR-800K3: Repeater, 400–430 MHz, 5W; 25/12.5 analog; 12.5/6.25 digital
- NXR8000SK1: Basic configuration, 450–480 MHz; 25/12.5 analog; 12.5/6.25 digital
- NXR8000SK2: Basic configuration, 480–512 MHz; 25/12.5 analog; 12.5/6.25 digital
- NXR8000SK3: Basic configuration, 400–430 MHz; 25/12.5 analog; 12.5/6.25 digital

*Mobile Radios:*

- NX-700/800, NEXEDGE: Analog & NXDN Digital (FDMA 12.5 & 6.25 kHz)
  - NX-700K: 136–174 MHz, 30W, 512 CH/128 Zone; 25/12.5 analog; 12.5/6.25 digital
  - NX-700HK: 136–174 MHz, 50W, 512 CH/128 Zone; 25/12.5 analog; 12.5/6.25 digital
  - NX-800K: 450–520 MHz, 30W, 512 CH/128 Zone; 25/12.5 analog; 12.5/6.25 digital
  - NX-800K2: 400–470 MHz, 30W, 512 CH/128 Zone; 25/12.5 analog; 12.5/6.25 digital
  - NX-800HK: 450–520 MHz, 45W, 512 CH/128 Zone; 25/12.5 analog; 12.5/6.25 digital
  - NX-800HK2: 400–470 MHz, 45W, 512 CH/128 Zone; 25/12.5 analog; 12.5/6.25 digital
- TK-5720/5820 Analog & P25 Phase 1 Digital
  - TK-5720K: 136–174 MHz, 50W, 512 CH/128 Zone; 25/12.5 analog; 12.5 digital
  - TK-5820K: 450–520 MHz, 45W, 512 CH/128 Zone; 25/12.5 analog; 12.5 digital
  - TK-5820K2: 400–470 MHz, 45W, 512 CH/128 Zone; 25/12.5 analog; 12.5 digital
- TK-5710(H)/5810(H) Analog & P25 Phase 1 Digital
  - TK-5710BK: 136–174MHz; 10–50W, 50 Zones/512 Channels (RF deck only); 25/12.5 analog; 12.5 digital
  - TK-5710HBK: 136–174MHz, 50–110W, 50 Zones/512 Channels (RF deck only); 25/12.5 analog; 12.5 digital
  - TK-5810BK: 450–520 MHz, 5–45W, 50 Zones/512 Channels (RF deck only); 25/12.5 analog; 12.5 digital
  - TK-5810BK2: 400–470 MHz, 5–45W, 50 Zones/512 Channels (RF deck only); 25/12.5 analog; 12.5 digital
  - TK-5810HBK: 450–520 MHz, 50–100W, 50 Zones/512 Channels (RF deck only) 25/12.5 analog, 12.5 digital
  - TK-5810HBK2: 400–470 MHz, 50–100W, 50 Zones/512 Channels (RF deck only); 25/12.5 analog; 12.5 digital
- TK-5910 Analog & P25 Phase 1 Digital
  - TK-5910BK: 700/800 MHz, 2–30/35W, 100 Zones/1024 Channels (RF deck only); 25/12.5 analog; 12.5 digital

- TK-690/790/890 Analog
  - TK-690HBK 29.7-37.0 MHz, 110W, 160 Channels (RF deck only); 20 analog
  - TK-690HBK2: 35.0–43.0 MHz, 110W, 160 Channels (RF deck only); 20 analog
  - TK-690HBK3: 39.0–50.0 MHz, 110W, 160 Channels (RF deck only); 20 analog
  - TK-790BK: 148–174 MHz, 45W, 160 Channels (RF deck only); 25/12.5 analog
  - TK-790BK2: 136–156 MHz, 45W, 160 Channels (RF deck only); 25/12.5 analog
  - TK-790HBK: 148–174 MHz, 110W, 160 Channels (RF deck only); 25/12.5 analog
  - TK-790K: 148–174 MHz, Basic Front (BMD), 45W, 160 Channels; 25/12.5 analog
  - TK-890BK: 450–490 MHz, 40W, 160 Channels (RF deck only); 25/12.5 analog
  - TK-890BK2: 480–512 MHz, 40W, 160 Channels (RF deck only); 25/12.5 analog
  - TK-890BK3: 403–430 MHz, 40W, 160 Channels (RF deck only); 25/12.5 analog
  - TK-890HBK: 450–480 MHz, 100/75W, 160 Channels (RF deck only); 25/12.5 analog
  - TK-890K: 450–490 MHz, Basic Front (BMD), 40W, 160 Channels; 25/12.5 analog
- TK-7180(H)/8180(H) Analog
  - TK-7180K: 136–174 MHz, 30W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-7180HK: 136–174 MHz, 50W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-8180K: 450–520 MHz, 30W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-8180HK: 450–520 MHz, 45W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-8180K2: 400–470 MHz, 30W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-8180HK2: 400–470 MHz, 45W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-7180(H)/8180(H) MPT Analog
  - TK-7180K: 136–174 MHz, 30W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-7180HK: 136–174 MHz, 50W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-8180K: 450–520 MHz, 30W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog

- TK-8180HK: 450–520 MHz, 45W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-8180K2: 400–470 MHz, 30W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-8180HK2: 400–470 MHz, 45W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-7150/8150 Analog
  - TK-7150: 136–174 MHz, 50 W, 128 CONV/32 LTR Zones max.; 25/12.5 analog
  - TK-8150: 450–500 MHz, 45 W, 128 CONV/32 LTR Zones max.; 25/12.5 analog

*Portable Radios:*

- NX-200/300 NEXEDGE: Analog & NXDN Digital (FDMA 12.5 & 6.25 kHz)
  - NX-200K: 136–174MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5/6.25 digital
  - NX-200K2: 136–174MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5/6.25 digital
  - NX-300K: 450–520MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5/6.25 digital
  - NX-300K2: 400–470MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5/6.25 digital
  - NX-300K3: 450–520MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5/6.25 digital
  - NX-300K4: 400–470MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5/6.25 digital
  - NX-200-ISK: 136–174MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5/6.25 digital
  - NX-200-ISK2: 136-174MHz 5W, 14 characters Alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5/6.25 digital
  - NX-300-ISK: 450–520MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5/6.25 digital
  - NX-300-ISK2: 400–470MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5/6.25 digital
  - NX-300-ISK3: 450–520MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5/6.25 digital
  - NX-300-ISK4: 400–470MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5/6.25 digital
- TK-5220/5320 Analog & P25 Phase I Digital
  - TK-5220K: 136–174MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5 digital
  - TK-5220K2: 136–174MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5 digital
  - TK-5320K: 450–520MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5 digital

- TK-5320K2: 400–470MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys; 25/12.5 analog; 12.5 digital
- TK-5320K3: 450–520MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5 digital
- TK-5320K4: 400–470MHz, 5W, 14 characters, alphanumeric LCD, 6 control keys, full keypad; 25/12.5 analog; 12.5 digital
- TK-5210/5310 Analog & P25 Phase I Digital
  - TK-5210K: 136–174MHz, 5W, 512 CH, basic model; 25/12.5 analog; 12.5 digital
  - TK-5210K2: 136–174MHz, 5W, 512 CH, standard model; 25/12.5 analog; 12.5 digital
  - TK-5210K3: 136–174MHz, 5W, 512 CH, 12 keypad model; 25/12.5 analog; 12.5 digital
  - TK-5210K7: 136–174MHz, 5W, 64 CH, standard model; 25/12.5 analog; 12.5 digital
  - TK-5310K: 450–520 MHz, 4W, 512 CH, basic model; 25/12.5 analog; 12.5 digital
  - TK-5310K2: 450–520 MHz, 4W, 512 CH, standard model; 25/12.5 analog; 12.5 digital
  - TK-5310K3: 450–520 MHz, 4W, 512 CH, 12 keypad model; 25/12.5 analog; 12.5 digital
  - TK-5310K4: 380–470 MHz, 4W, 512 CH, basic model; 25/12.5 analog; 12.5 digital
  - TK-5310K5: 380–470 MHz, 4W, 512 CH, standard model; 25/12.5 analog; 12.5 digital
  - TK-5310K6: 380–470 MHz, 4W, 512 CH, 12 keypad Model; 25/12.5 analog; 12.5 digital
  - TK-5310K7: 380–470 MHz, 4W, 64 CH, standard model; 25/12.5 analog; 12.5 digital
  - TK-5210K2-NKP: VHF NiMH battery package (TK-5210K2 + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital
  - TK-5210K2-LKP: VHF Li-Ion battery package (TK-5210K2 + KNB-43L + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital
  - TK-5210K7-NKP: VHF NiMH battery package (TK-5210K7 + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital
  - TK-5210K7-LKP: VHF Li-Ion battery package (TK-5210K7 + KNB-43L + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital
  - TK-5310K2-NKP: UHF NiMH battery package (TK-5310K2 + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital
  - TK-5310K2-LKP: UHF Li-Ion battery package (TK-5310K2 + KNB-43L + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital
  - TK-5310K7-NKP: UHF Ni-MH battery package (TK-5310K7 + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital
  - TK-5310K7-LKP: UHF Li-Ion battery package (TK-5310K7 + KNB-43L + KSC-32 + KBH-11); 25/12.5 analog; 12.5 digital

- TK-5210-ISK: 136–174MHz, 5W, 512 CH, basic model; 25/12.5 analog; 12.5 digital
- TK-5210-ISK2: 136–174MHz, 5W, 512 CH, standard model; 25/12.5 analog; 12.5 digital
- TK-5210-ISK3: 136–174MHz, 5W, 512 CH, 12 keypad model; 25/12.5 analog; 12.5 digital
- TK-5210-ISK7: 136–174MHz, 5W, 64 CH, standard model; 25/12.5 analog; 12.5 digital
- TK-5310-ISK: 450–520 MHz, 4W, 512 CH, basic model; 25/12.5 analog; 12.5 digital
- TK-5310-ISK2: 450–520 MHz, 4W, 512 CH, standard model; 25/12.5 analog; 12.5 digital
- TK-5310-ISK3: 450–520 MHz, 4W, 512 CH, 12 keypad model; 25/12.5 analog; 12.5 digital
- TK-5310-ISK4: 380–470 MHz, 4W, 512 CH, basic model; 25/12.5 analog; 12.5 digital
- TK-5310-ISK5: 380–470 MHz, 4W, 512 CH, standard model; 25/12.5 analog; 12.5 digital
- TK-5310-ISK6: 380–470 MHz, 4W, 512 CH, 12 keypad model; 25/12.5 analog; 12.5 digital
- TK-5310-ISK7 380-470 MHz 4W, 64 CH, standard model 25/12.5 12.5
- TK-5410 Analog & P25 Phase I Digital
  - TK-5410K2: 700/800 MHz, 3W, 1024 CH, standard model; 25/12.5 analog; 12.5 digital
  - TK-5410K3: 700/800 MHz, 3W, 1024 CH, 12 keypad model; 25/12.5 analog; 12.5 digital
  - TK-5410K2-NKP: NiMH battery package (TK-5410K2 + KNB-32N + KSC-32 + KBH-11+KRA-32); 25/12.5 analog; 12.5 digital
  - TK-5410K2-LKP: Li-Ion battery package (TK-5410K2 + KNB-43L + KSC-32 + KBH-11+KRA-32); 25/12.5 analog; 12.5 digital
  - TK-5410K3-NKP: NiMH battery package (TK-5410K3 + KNB-32N + KSC-32 + KBH-11+KRA-32); 25/12.5 analog; 12.5 digital
  - TK-5410K3-LKP: Li-Ion battery package (TK-5410K3 + KNB-43L + KSC-32 + KBH-11+KRA-32); 25/12.5 analog; 12.5 digital
- TK-5400 Analog & P25 Phase I Digital
  - TK-5400K: 806–870 MHz, P25 FDMA/analog, CONV, 160 CH, trunked 250 per; 25/12.5 analog; 12.5 digital
  - TK-5400K2: 806–870 MHz, P25 FDMA/analog, CONV, 160 CH, trunked 250 per w/DTMF keypad; 25/12.5 analog; 12.5 digital
- TK-2180 Analog
  - TK-2180K: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-2180K2: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
  - TK-3180K: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog

- TK-3180K2: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-3180K3: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-3180K4: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-2180K-AKP: VHF NiCd battery package (TK-2180K + KNB-31A + KSC-32 + KBH-11); 25/12.5 analog
- TK-2180K-LKP: VHF Li-Ion battery package (TK-2180K + KNB-33L + KSC-32 + KBH-11); 25/12.5 analog
- TK-2180K-NKP: VHF NiMH battery package (TK-2180K + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K2-AKP: UHF NiCd battery package (TK-3180K2 + KNB-31A + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K2-LKP: UHF Li-Ion battery package (TK-3180K2 + KNB-33L + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K2-NKP: UHF NiMH battery package (TK-3180K2 + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K-AKP: UHF NiCd battery package (TK-3180K + KNB-31A + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K-LKP: UHF Li-Ion battery package (TK-3180K + KNB-33L + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K-NKP: UHF NiMH battery package (TK-3180K + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog
- TK-2180-ISK: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-2180-ISK2: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-3180-ISK: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-3180-ISK2: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-3180-ISK3: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-3180-ISK4: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF Keypad; 25/12.5 analog
- TK-2180/3180 MPT Analog
  - TK-2180K: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-2180K2: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
  - TK-3180K: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
  - TK-3180K2: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog

- TK-3180K3: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-3180K4: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-2180K-AKP: VHF NiCd battery package (TK-2180K + KNB-31A + KSC-32 + KBH-11); 25/12.5 analog
- TK-2180K-LKP: VHF Li-Ion battery package (TK-2180K + KNB-33L + KSC-32 + KBH-11); 25/12.5 analog
- TK-2180K-NKP VHF: NiMH Battery Package (TK-2180K + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K2-AKP: UHF NiCd battery package (TK-3180K2 + KNB-31A + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K2-LKP: UHF Li-Ion battery package (TK-3180K2 + KNB-33L + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K2-NKP: UHF NiMH battery package (TK-3180K2 + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K-AKP: UHF NiCd battery package (TK-3180K + KNB-31A + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K-LKP: UHF Li-Ion battery package (TK-3180K + KNB-33L + KSC-32 + KBH-11); 25/12.5 analog
- TK-3180K-NKP: UHF NiMH battery package (TK-3180K + KNB-32N + KSC-32 + KBH-11); 25/12.5 analog
- TK-2180-ISK: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-2180-ISK2: 136–174 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-3180-ISK: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-3180-ISK2: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR; 25/12.5 analog
- TK-3180-ISK3: 450–520 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-3180-ISK4: 400–470 MHz, 5W, 512 CH/128 Zone CONV & LTR w/DTMF keypad; 25/12.5 analog
- TK-2140/3140 Analog
  - TK-2140: 136–174 MHz, 5W, LTR-32 systems, CONV 250 CH; 25/12.5 analog
  - TK-3140K: 450–490 MHz, 4W, LTR-32 systems, CONV 250 CH; 25/12.5 analog
  - TK-3140K2: 470–512 MHz, 4W, LTR-32 systems, CONV 250 CH; 25/12.5 analog
  - TK-3140K3: 400–430 MHz, 4W, LTR-32 systems, CONV 250 CH; 25/12.5 analog
  - TK-2140K-AKP: VHF standard package (TK-2140 + KNB-25A + KSC-30 + KRA-26M); 25/12.5 analog

- TK-2140K-LKP: VHF premium package (TK-2140 + KNB-35L + KSC-25 + KRA-26M); 25/12.5 analog
- TK-3140K-AKP: UHF standard package (TK-3140K + KNB-25A + KSC-30 + KRA-27M); 25/12.5 analog
- TK-3140K-LKP: UHF premium package (TK-3140K + KNB-35L + KSC-25 + KRA-27M); 25/12.5 analog
- TK-290/390 Analog
  - TK-290K: 136–174 MHz, 5W, 160 CH w/dual priority scan; 25/12.5 analog
  - TK-290K2: 136–174 MHz, 5W, 160 CH w/dual priority scan, w/DTMF keypad; 25/12.5 analog
  - TK-390K: 450–490 MHz, 4W, 160 CH w/dual priority scan; 25/12.5 analog
  - TK-390K2: 470–512 MHz, 4W, 160 CH w/dual priority scan; 25/12.5 analog
  - TK-390K3: 403–430 MHz, 4W, 160 CH w/dual priority scan; 25/12.5 analog
  - TK-390K4: 450–490 MHz 4W, 160 CH w/dual priority scan, w/DTMF keypad; 25/12.5 analog
  - TK-390K6: 403–430 MHz, 4W, 160 CH w/dual priority scan, w/DTMF keypad; 25/12.5 analog

**Motorola, [www.motorola.com](http://www.motorola.com)**

For more information on these products, contact your nearest Motorola service provider.

*Base Stations:*

- Quantar
- GTR 8000
- MTR 2000
- MTR 3000

*Mobile Radios:*

- APX 7500
- XTL 5000
- XTL 2500
- XTL 1500
- ASTRO Spectra Plus
- ASTRO Spectra
- MCS 2000
- LCS 2000
- PM400
- CDM750
- CDM1250
- CDM1550 LS+

- PM1500
- XPR4350
- XPR4550
- CM200
- CM300

*Portable Radios:*

- APX 7000
- XTS 5000
- XTS 4000
- XTS 2500
- XTS 1500
- MT 1500
- XTS 3000
- MTS 2000
- PR400
- PR860
- HT750
- HT1000
- HT1250
- HT1250 LS+
- EX500
- EX560-XLS
- EX600-XLS
- PR1500
- XPR6350
- XPR6550
- MT 2000
- JT 1000
- CP200

**RELM Wireless, [www.relm.com](http://www.relm.com)**

*Portables*

- KNG-P150
- KNG-P150T2
- KNG-P400
- KNG-P400T2
- KNG-P500
- KNG-P500T2
- KNG-P800
- KNG-P800T2
- DPHX5102X
- DPH2102XCMD

- EPU4992M
- EPV4992M
- GPH2102XCMD
- GPH2102XP
- RPU4200A
- RPV4200
- RPU6500
- RPV6500
- RPU7500
- RPV7500

*Mobiles*

- KNG-M150
- KNG-M400
- KNG-M500
- KNG-M800
- DMH5992R
- DMH5992X
- GMH5992RP
- GMH5992X
- GMH5992XP
- RMU800A
- RMV800A
- RM800R
- RMU25M
- RMU45M
- RM25
- RMV50

*Base Stations and Repeaters*

- RDPR (ALL MODELS)
- DRH-01 DRH-01-100
- GRH-01 HRHP-01
- DRV100 DBV100
- DRU50
- DBU50
- DRVXU50
- DBH-01
- DBH-100
- GBH-01
- GBHP-01
- RBU800A
- RBU800A-AES
- RBU800C

- RBU800C-AES
- RBV800A
- RBV800A-AES
- TR800

**Tait Radio Communications, [www.taitradio.com](http://www.taitradio.com)**

For more information, contact [info.americas@taitradio.com](mailto:info.americas@taitradio.com).

*Base Stations:*

- TB9100 Series: 25/12.5kHz programmable
- TB8100 Series: 25/12.5kHz programmable
- T800II Series: for confirmation contact [info.americas@taitradio.com](mailto:info.americas@taitradio.com)
- T800 Series: for confirmation contact [info.americas@taitradio.com](mailto:info.americas@taitradio.com)

*Mobile Radios:*

- TM9100 Series: 25/12.5kHz programmable
- TM8000 Series: 25/12.5kHz programmable
- T2000II Series: for confirmation contact [info.americas@taitradio.com](mailto:info.americas@taitradio.com)
- T2000 Series: for confirmation contact [info.americas@taitradio.com](mailto:info.americas@taitradio.com)

*Portable Radios:*

- TP9100 Series: 25/12.5kHz programmable
- TP8100 Series: 25/12.5kHz programmable
- Tait Orca 5000 Series: 25/12.5kHz programmable
- Tait Orca Series: 25/12.5kHz programmable

**Thales Communications Inc., [www.thalescomminc.com](http://www.thalescomminc.com)**

*Portable Radio:*

- Liberty Multiband Land Mobile Radio

**Vertex Standard., [www.vertexstandard.com](http://www.vertexstandard.com)**

Current Models Programmable to 25 kHz and 12.5 kHz

*Portables:*

- VX-230 Series
- VX-350 Series
- VX-400 Series
- VX-537
- VX-800 Series
- VX-900 Series
- VX-P800 Series

- VX-P900 Series

*Mobiles & Repeaters:*

- VX-2000 Series
- VX-4000 Series
- VX-5000 Series
- VX-6000 Series
- VX-7000 Series
- VXR-1000
- VXR-7000
- VXR-9000

Discontinued Models Programmable to 25 kHz and 12.5 kHz

*Portables:*

- VX-10 Series\*\*
- VX-160/180
- VX-210 Series
- VX-210A Series
- VX-310 Series
- VX-510 Series
- VX-520U
- VX-600
- HX-292UT

*Mobiles:*

- VX-2500 Series
- VX-3000 Series
- VX-3200 Series

\*\*Note: \*\*VX -10 was sold as either 25 kHz capable or 12.5 kHz capable but not both in the same radio. Check FCC ID or test radio on service monitor to determine bandwidth. If 25 kHz, it cannot be programmed to 12.5 kHz.

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