

**Land-Mobile Price List**

**TK-2160/3160**  
**VHF / UHF Ultra Compact Portable Radios**

**Radio Packages**

Each Package includes; RADIO, BATTERY, CHARGER, ANTENNA, & BELT CLIP

Model	Description	List
<b>VHF Standard Package</b>		
TK-2160SK-P	TK-2160 + <b>KNB-25A</b> + <b>KSC-30</b> + KRA-26M + Belt Clip <small>Ni-Cd (1200mAh) Standard Chg Helical Antenna</small>	\$317.00
<b>VHF Premium Package</b>		
TK-2160RK-P	TK-2160 + <b>KNB-35L</b> + <b>KSC-25</b> + KRA-26M + Belt Clip <small>Li-Ion (1950mAh) Rapid Rate Chrg Helical Antenna</small>	391.00
<b>UHF Standard Package</b>		
TK-3160SK-P	TK-3160K + <b>KNB-25A</b> + <b>KSC-30</b> + KRA-27M + Belt Clip <small>Ni-Cd (1200mAh) Standard Chrg Helical Antenna</small>	334.00
<b>UHF Premium Package</b>		
TK-3160RK-P	TK-3160K + <b>KNB-35L</b> + <b>KSC-25</b> + KRA-27M + Belt Clip <small>Li-Ion (1950mAh) Rapid Rate Chrg Helical Antenna</small>	408.00

**TK-2160/3160 FEATURES:**

**GENERAL FEATURES**

- 16 Channels (max.)
- 5W VHF / 4W UHF Transmit Power
- Wide Band Frequency Ranges
- 12.5 / 25 kHz Channel Spacing
- Programmable Power Per Channel
- Companded Audio Per Channel (wide & narrow\*)
- 500 mW Audio Power
- Two Color Tri-State LED
- Mechanical Channel Selector with stops
- Weather-Sealed Accessory Connector
- Single Priority or Normal Scan
- Scan Revert Channel
- Scan Delete/Add (fpu fixed)
- Scan Temporary Delete (nuisance delete)
- VOX Circuit (programmable sensitivity, delays)
- 3 Programmable Function Keys (includes orange key)
- Recessed Orange Emergency/AUX Key
- PTT ID Side-Tone ( FleetSync® & DTMF ANI)
- Emergency Type (FleetSync® Status & DTMF Emergency ANI)
- Emergency Calling Feature
- Voice Inversion Scrambler built-in
- QT/DQT Encode & Decode
- 2-Tone Decode (3 decode pairs assignable per channel)
- A-B/ A-C/ A-D/ B-A/ B-C/ B-D/ C-A/ C-B/ C-D/ D-A/ D-B/ D-C/ Long A/ Long B/ Long C; 288.5 to 3000.0 Hz (0.1 Hz steps)
- 2-Tone Encode (1 tone pair)
- DTMF Decode Selective Call
- DTMF Stun (deadbeat disable)
- DTMF PTT ID & DTMF Emergency ID
- Alert with Transpond (2-Tone, DTMF)
- Call Alert Tone: Normal, Continuous or Special (2-Tone or DTMF)
- Special Alert Tone Freq. & 16 tone Pattern
- Low Battery Alert (TX or Always)

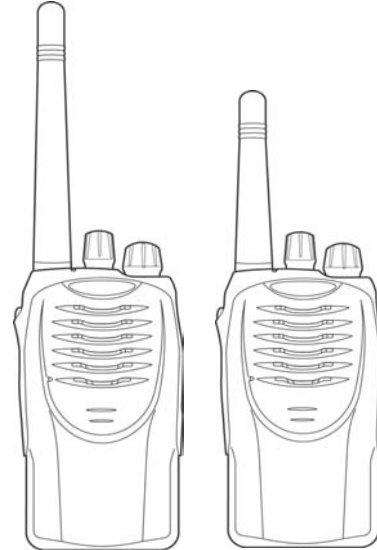
- BCL per ch (QT/DQT, carrier or Opt. Signaling)
- BCL tone (clear to PTT tone)
- Time Out Timer & Talk Around
- Power/Control/Warn Tones On/Off
- Tone Volume Level
- Mic Sense (high/low fpu setting)
- Embedded Message (64 Char.)
- Data Password
- PC Programming (Windows®)
- English/Spanish Language Programming Screen Setup
- MIL810 C, D, E & F(11 categories)- includes "blowing rain"
- IP54/55 dust, waterspray & water jet protected
- NiCad (8hr.), Lithium Ion (9Hr.) & NIMH (12 Hr.) Batteries (1200 / 1950 / 2000 mAh)
- Intrinsically Safe Option

**FLEETSYNC® FEATURES\***

- PTT ID (Digital ANI)
- Emergency Status (ST# 99)
- Selective Call
- \* Note: not FleetSync® II compatible

**INCLUDED ITEMS**

- Spring Belt Clip
- Instruction Manual



**Radio Only**

Choose Acc. from Next Page to Customize a Radio Package

Model	Description	List
<b>VHF</b>		
TK-2160	Spring Action Belt Clip included; PURCHASE ANTENNA, BATTERY & CHARGER SEPARATELY 136-174 MHz 5W, Conventional 16 Channels	\$225.00
<b>UHF</b>		
TK-3160K	Spring Action Belt Clip included; PURCHASE ANTENNA, BATTERY & CHARGER SEPARATELY 450-490 MHz 4W, Conventional 16 Channels	242.00
TK-3160K2	470-512 MHz 4W, Conventional 16 Channels (Introduced Feb. 2004)	242.00
TK-3160K3	400-430 MHz 4W, Conventional 16 Channels (Introduced Feb. 2004)	242.00

**Accessories for the TK-2160/3160 Series Radios**

<b>Model</b>	<b>Description</b>	<b>List</b>
<b><u>ANTENNAS</u></b>		
KRA-22M	VHF Low-profile helical antenna 148-162 MHz	13.00
KRA-22M2	VHF Low-profile helical antenna 162-174 MHz	13.00
KRA-22M3	VHF Low-profile helical antenna 136-150 MHz	13.00
KRA-23M	UHF Low-profile helical antenna 450-490 MHz	13.00
KRA-23M2	UHF Low-profile helical antenna 470-512 MHz	13.00
KRA-23M3	UHF Low-profile helical antenna 403-430 MHz	13.00
KRA-26M	VHF helical antenna 146-162 MHz	14.00
KRA-26M2	VHF helical antenna 162-174 MHz	14.00
KRA-26M3	VHF helical antenna 136-150 MHz	14.00
KRA-27M	UHF whip antenna 440-490 MHz	14.00
KRA-27M2	UHF whip antenna 470-520 MHz	14.00
KRA-27M3	UHF whip antenna 400-450 MHz	14.00
<b><u>BATTERIES AND CHARGERS</u></b>		
KBP-5 <sup>1</sup>	AA Alkaline Refillable Battery Pack for TK-140/160/170-Series Portables (6 AA Alkaline 9V Battery cells not incl.)	47.00
KNB-25A	1200 mAh, 7.2 VDC Ni-Cd battery	49.00
KNB-26N <sup>2</sup>	2000 mAh, 7.2 VDC Ni-MH battery	67.00
KNB-35L	1950 mAh, 7.4 VDC Lithium Ion battery	94.00
KNB-40LC <sup>3</sup>	1950 mAh, 7.2 VDC Lithium Ion battery [Intrinsically Safe Option]	107.00
KMB-16	Six Unit Charger Adapter for the KSC-20/24/25 rapid rate (chargers not included)	165.00
KMB-23	Six Unit Charger Adapter for the KSC-25 rapid rate chargers (chargers not included) Small footprint (13"Wx7.8"Hx11.7"D); 2 tiered rows hold 3 KSC-units each	182.00
KSC-25	110 volt Rapid rate single unit tri-chemistry charger for KNB-24L/25A/26N	59.00
KSC-25E	220 volt Rapid rate single unit tri-chemistry charger for KNB-24L/25A/26N	59.00
KSC-30	110 volt Regular rate single unit charger for KNB-25A/26N	30.00
KSC-30E	220 volt Regular rate single unit charger for KNB-25A/26N	30.00
KVC-3	Regular rate DC vehicular charger adapter for the KSC-30 (chargers not included)	60.00
KVC-4	Rapid rate DC vehicular charger adapter for the KSC-16,18,20, 24, 25 (chargers not included)	80.00
<b><u>CARRYING ACCESSORIES</u></b>		
KLH-138	Heavy-Duty Leather Case w/Swivel Belt Loop for 160/170(no DTMF keypad) (all batteries; black)	47.00
KBH-12	Spring action belt clip - Same as Supplied	8.00
KWR-1	Water resistant bag	29.00
<b><u>MICROPHONES AND SPEAKERS</u></b>		
KEP-2 <sup>3</sup>	2.5mm earphone kit for KMC-17 Speaker Mics (Black). [Intrinsically Safe Approved Accessory]	50.00
KHS-1 <sup>3</sup>	Headset with VOX/PTT (light-duty use) [Intrinsically Safe Approved Accessory]	62.00
KHS-10-BH <sup>3</sup>	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & in-line PTT (black); NRR24 db [Intrinsically Safe Approved Accessory]	350.00
KHS-10-OH <sup>3</sup>	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & in-line PTT (black); NRR24 db [Intrinsically Safe Approved Accessory]	320.00
KHS-7 <sup>3</sup>	Single muff headset w/boom mic (black) [Intrinsically Safe Approved Accessory]	67.00
KHS-7A <sup>3</sup>	Lt. Wt Single muff headset w/boom mic & in-line PTT (black) [Intrinsically Safe Approved Accessory]	100.00
KHS-8BE	Two-Wire palm mic w/earphone (beige)	99.00
KHS-8BL	Two-Wire palm mic w/earphone (black)	99.00
KHS-9BE	Three-Wire lapel mic w/earphone (beige)	159.00
KHS-9BL	Three-Wire lapel mic w/earphone (black)	159.00
KHS-22	Behind-the-Head Headset with flexible boom mic and in-line PTT single ear receiver; low profile wire head band; Vc ready (radio must have VOX feature)	39.00
KHS-23	2-Wire Cell-style Earbud Clip/PTT Palm Mic (medium duty)	53.00
KHS-25	Headset w/ D-Ring Ear Hanger w/ PTT & Boom Mic	26.95
KMC-17 <sup>3</sup>	Speaker microphone (Built-in 2.5mm miniature earphone jack) [Intrinsically Safe Approved Accessory]	82.00
KMC-21 <sup>3</sup>	Compact speaker microphone [Intrinsically Safe Approved Accessory]	49.00
<b><u>SERVICE RELATED ACCESSORIES</u></b>		
KPG-22	Programming interface Cable	N/A
KPG-82DK	P.C. Programming Software for TK-2160/3160 (Windows® 98se, 2000, XP, Me compatible)	N/A

## Installation/Tuning Charges for the TK-2160/3160 Series Radios

<i>Model</i>	<i>Description</i>	<i>List</i>
L-836	Assemble KMB-16 with six KSC-25	15.00
L-961	Assemble KMB-23 with six KSC-24/25/32 (Rapid Rate, 120 Volt versions only)	17.00
<b>L-953</b>	<b>TK-2160/3160 Programming (with basic TX/RX check)</b>	<b>25.00</b>
L-976	Configure TK-2160/3160 for Intrinsically Safe (MUST ORDER KNB-40LC)	70.00

1. AA refillable packs DO NOT meet any of the MIL-STD environmental standards, nor are they water-resistant or Intrinsically Safe approved. Actual battery life is dependent on battery condition, type, quality, temperature, and use habits. Alkalines exhibit non-linear voltage vs. current drain characteristics, therefore radio transmit power will lower and decrease during transmit and as the battery is drained.

2. Important Note regarding KNB-26N NiMH battery:

- NiMH batteries will exhibit reduced capacity while exposed to temperatures below 14°F(-10°C) and become virtually unusable below -4°F or (-20°C). NiMH batteries are commonly used in extreme low temperature environments (ex: northern latitudes, refrigerated warehousing, etc.) by keeping the portable next to the body under the users coats. Prolonged exposure to extreme cold should be avoided for proper radio operation.
- NiMH batteries capacity life is slightly lower than NiCd: NiCd : 70% at 500 cycles vs. NiMH (1600 mAh): 60% at 500 cycles

3. For intrinsically safe models: Meets Intrinsically Safe Classes I, II & III, Div. 1, Groups A, B, C, D, E, F, G hazardous locations and Non-Incendive Class I, Div. 2, Groups A, B, C & D hazardous locations.

Important Note Regarding Intrinsically Safe Certification: Using an Intrinsically Safe battery on a radio does not constitute an Intrinsically Safe (I.S.) radio. All Kenwood I.S. radios must be certified at Kenwood by inspection, logging & proper labeling. The appropriate I.S. labor code must be specified on all I.S. radio orders and the proper model I.S. battery must be used with the radio. Kenwood I.S. batteries can be purchased separately for existing Kenwood certified I.S. radios. Intentionally or inadvertently representing a Kenwood radio as I.S. without proper Kenwood certification can result in serious safety and/or legal liability issues for your company.