

**Land-Mobile Price List**

## TK-780/880

### VHF / UHF Trunking / Conventional Mobile Radios

| Model   | Description                                   | List     |
|---|---|----------|
| <b>VHF</b>  |   |          |
| <i>Includes: KMC-27B Mic., DC Cable, Mounting bracket</i> |   |          |
| TK-780K   | 146-174 MHz 25W, LTR-32 Systems, CONV-250 CH. | \$567.00 |
| TK-780K2  | 136-162 MHz 25W, LTR-32 Systems, CONV-250 CH. | 567.00   |
| TK-780HK  | 146-174 MHz 45W, LTR-32 Systems, CONV-250 CH. | 684.00   |
| TK-780HK2   | 136-162 MHz 45W, LTR-32 Systems, CONV-250 CH. | 684.00   |
| <b>UHF</b>  |   |          |
| <i>Includes: KMC-27B Mic., DC Cable, Mounting bracket</i> |   |          |
| TK-880K   | 450-490 MHz 25W, LTR-32 Systems, CONV-250 CH. | 567.00   |
| TK-880K2  | 485-512 MHz 25W, LTR-32 Systems, CONV-250 CH. | 567.00   |
| TK-880K3  | 400-430 MHz 25W, LTR-32 Systems, CONV-250 CH. | 567.00   |
| TK-880HK  | 450-490 MHz 40W, LTR-32 Systems, CONV-250 CH. | 684.00   |
| TK-880HK2   | 485-512 MHz 40W, LTR-32 Systems, CONV-250 CH. | 684.00   |
| TK-880HK3   | 400-430 MHz 40W, LTR-32 Systems, CONV-250 CH. | 684.00   |

### TK-780/880 FEATURES:

**GENERAL FEATURES:**

- 25W VHF & UHF
- 45W VHF & 40W UHF (H Models)
- Wide Band Frequency Ranges
- 12.5 / 25 kHz Channel Spacing
- Programmable Power Per Channel
- Companded Audio Per Channel (wide & narrow\*)
- 4 W Speaker Audio Power
- Inverting Front Panel (speaker position)
- 10 Character Alphanumeric Display
- 3 Numeric Character Sub-Display
- Dot Matrix Backlit LCD
- LCD Operational Icons
- Two Color Tri-State LED Indicator
- 4 PF Keys (lighted)
- Shift Key Function (req. DTMF mic)
- Fleetsync®
- Encryption/Scrambler Board Support
- ANI Board Support
- Emergency Type (FS, DTMF, ANI Brd.)\*
- Emergency Calling Feature
- DTMF Decode Selective Call
- DTMF Deadbeat Disable
- DTMF PTT ID & DTMF Emergency ID\*
- Alert with Transpond (2-Tone, DTMF)\*
- PTT ID Side-Tone (ANI Boards)\*
- PTT ID TA Inhibit\*
- Call Alert Tone: Mom or Continuous (2-Tone, DTMF & Fleetsync®)\*
- Auto-Dial Memory (32 numbers)
- Horn Alert (Programmable Output)
- Public Address
- Single COM Port: FS & GPS serial data\*
- Programmable Function DTMF Mics
- Data Port I/O's (KCT-19)

- Fleetsync® COM 1 & 2 (KCT-31)
- Accessory Connector Option (KCT-19)
- Ignition Sense On/Off
- Timed Power Off (8 hr.)
- Inhibit PTT ID in TA
- PTT Release Tone
- Minimum Volume
- Control Tones On/Off
- Power On Text
- Embedded Message (64 Char.)
- Data Password ("Anti-piracy")
- Radio Password (Radio Lock)
- Clone Capability (enable/disable)
- Front Panel Field Programming & Tuning
- Windows® Programming & Tuning
- Flash ROM Firmware
- KES-3 External Speaker (compact)
- KES-5 External Speaker (req. KCT-19)
- MIL-Spec/Noise-Cancel Mic Options
- KDS-100 Compatible (req. KCT-34/36)
- KGP-2A/2B Compatible (req. KCT-34/36)
- MIL810 C, D & E (9 categories)

**CONVENTIONAL MODE**

- 250 CH (aggregate max.)
- Single Priority Scan
- Single/Multi-Group Scan
- Scan Revert Channel Display
- Scan Delete/Add
- Nuisance Delete
- QT/DQT Encode & Decode
- Operator Selectable Tone (16 OST)
- 2-Tone Decode (A, B, C, A-B, A-C, C-B; 2 decode pairs)\*
- BCL, BCL Override, TOT & TA

**TRUNKED MODE**

- 32 Systems (max.)
- Trunked LTR & Conventional Systems
- 250 Group IDs (aggregate max.)
- Single Priority Scan (within any Conv. System only)
- LTR Talk Around / Scan Revert Group Display
- System Scan & Group Scan / Auto System Search

**FLEETSINC®**

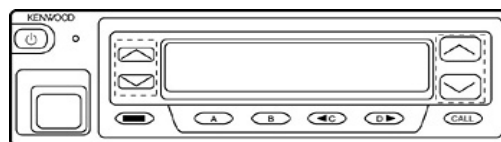
- PTT ID (Digital ANI; 100 ID List capacity\*)
- Caller ID Display (per CH; BOT only)\*
- Caller ID Stack (last 3 calls)\*
- Status Messaging (50 Msg. List capacity\*)
- 70 Custom Dispatch Messages
- 9 Reserved Special Use Messages
- ST# 98 - Man Down Emergency (portables)\*
- ST# 99- Emergency Status
- ST# 88- Emergency Mode Off\*
- ST# 89- Horn Alert Request\*
- ST# 90- Stun radio (No TX)
- ST# 91- Stun radio (No TX / No RX audio)
- ST# 92- Turn off Stun
- ST# 93- ACK stun is ON
- ST# 94- ACK stun is OFF
- ST# 80-87, 95-97 (Reserved for future use)
- Selective Call
- Short Text Messages\*\* (stored/display)
- Long Text Message\*\* (req. KDS-100, KCT-34/36)
- PC Serial Control Interface\*\* (req. KCT-31)
- FS GPS Data\*\* (req. aftermarket GPS/modification)
- PC Serial Interface\*\*

**\* Features added in Ver. 2 radios**

**\*\* Fleetsync® Enhanced Option required (included as of 10/1/02)**

**INCLUDED ITEMS:**

- KMC-27B Standard Microphone
- DC Cable
- Mounting Bracket
- Instruction Manual



## Accessories for the TK-780/880 Series Radios

| Model   | Description  | List   |
|---|--|--------|
| <b>MOBILE INSTALLATION ACCESSORIES</b>          |  |        |
| KAP-1   | Horn Alert/P.A. Relay Option (requires KCT-19)   | 40.00  |
| KCT-18  | Ignition sense cable (requires KCT-19)   | 13.00  |
| KCT-19  | Accessory connector cable (for ignition sense, horn alert, KSP- spkrs, & Data Port)  | 21.00  |
| KCT-34  | KGP-2A/2B & KDS-100 Radio Interface Cable for 80-Series Mobiles  | 21.00  |
| KCT-36  | KCT-34/35/39/40M Extension Cable; 117.6 inches (9.8 ft)  | 42.00  |
| KLF-2   | Line Filter (suppresses alternator whine, 25dB, 25A max).  | 39.50  |
| KMB-6   | Mobile mounting bracket (same as supplied)   | 12.00  |
| KMB-10  | Key lock adapter (for both KMB-4 & 6)  | 25.00  |
| <b>CONTROL STATION INSTALLATION ACCESSORIES</b> |  |        |
| KCT-31  | PC Serial Interface cable (80-Series mobile-to-PC connection for FleetSync® )  | 70.00  |
| KMC-9C  | Control Station Desktop Microphone (8-pin mod. plug)   | 82.00  |
| KMB-20  | Control Station Mounting Case for KPS-15 Power Supplies (mobile mounting hardware included)<br>For 60G/60HG/62G/62HG/80-series mobiles   | 25.00  |
| KPS-15  | DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)<br><b>*Compatible with medium &amp; high power compact mobiles only:</b><br>60G/60HG/62G/62HG/80/150/180/160-Series mobiles; See KMB-20 mounting case   | 167.00 |
| KAS-2FSD  | <b>FleetDispatchPRO: FleetSync® messaging dispatch software for PC (Windows® 98/Me/NT/2000/XP compatible) Supports the following FleetSync® features: decodes PTT ID, decodes Emergency, encode/decodes Status Messages, encodes Short &amp; Long Text Messages.</b> | 365.00 |

**COMPUTER SYSTEM REQUIREMENTS**

- Windows® 98/Me/NT/2000/XP OS / Pentium II 450 MHz or better
- 10 MB of hard disk drive space / 64MB RAM / CD ROM Drive / Mouse
- Super VGA color monitor or better / 1024 x 768 or higher resolution setting
- 1 Serial Port (for mobile serial cable)
- 1 Parallel Port (for FleetDispatchPRO hardware key; single PC use only; not LAN compatible)
- Package Contents: CD ROM, Instruction Manual, Hardware Key

**MOBILE PC STATION REQUIREMENTS**

- FleetSync® PC Serial Interface capable (FleetSync® enhanced enabled)
- Installed PC Serial Interface Cable (see mobile options/accessories)
- Base Station Desktop Microphone recommended (see mobile options/accessories)

**ACCESSORY COMPATIBILITY FOR THE 80-SERIES MOBILES**

|           | KCT-18 | KCT-19 | KAP-1 | KCT-31 | KCT-34 | KCT-35 | KCT-36 | KDS-100 | KGP-2A/2B |
|-----------|--------|--------|-------|--------|--------|--------|--------|---------|-----------|
| KCT-18    |        | X      | X (a) | X (b)  | X (b)  | X (b)  | :      | X (b)   | X (b)     |
| KCT-19    | X      |        | X (a) | X (c)  | :      | :      | :      | :       | :         |
| KAP-1     | X (a)  | X (a)  |       | X (d)  | :      | :      | :      | :       | :         |
| KCT-31    | X (b)  | X (c)  | X (c) |        | :      | :      | :      | :       | :         |
| KCT-34    | X (b)  | :      | :     | :      |        | :      | X      | X       | X         |
| KCT-35    | X (b)  | :      | :     | :      |        |        | X      | X       | X         |
| KCT-36    |        |        |       |        | X      | X      |        | X       | X         |
| KDS-100   | X (b)  | :      | :     | :      | X      | X      | X      |         | :         |
| KGP-2A/2B | X (b)  | :      | :     | :      | X      | X      | X      | :       |           |

**Chart Key**

- X = compatible
- X ( ) = compatible, but additional options/modification may be required; some modifications are "Dealer-installed only; refer to Kenwood application notes" (no Kenwood install labor code available).
- Blank = Not compatible
- Gray = Non-applicable

**Remarks**

- (a) The KAP-1 PA/HA relay board requires a KCT-19 to route the PA & HA outputs external of the mobile.
- (b) Installing the option in the left-hand column will require the KCT-18 to be routed under the DC cable grommet, stripped /tinned and soldered directly to the ignition sense input inside the mobile Dealer-installed only; refer to Kenwood application notes.
- (c) [80-Series mobile only] This install must share the SB+ and GND connections. The KCT-31 connects to the 80-Series COM1 port only. Dealer-installed only; refer to Kenwood application notes.
- (d) [80-Series mobile only] This install must share the SB+ and GND connections. Dealer-installed only; refer to Kenwood application notes. The KAP-1 requires a KCT-19.

## Accessories for the TK-780/880 Series Radios

| <b>Model</b>   | <b>Description</b>   | <b>List</b> |
|--|--|-------------|
| <b>MICROPHONES AND SPEAKERS</b>  |  |             |
| KES-3  | External speaker (compact low profile; black case; 3.5 mm phono plug-in)   | 42.00       |
| KES-5  | External speaker, 40W max input, blk case; 5"x5"x2-9/16" (requires KCT-19)   | 59.00       |
| KMC-27A  | MIL-SPEC & Noise Canceling dynamic mobile microphone (8-pin mod. plug)   | 99.00       |
| KMC-27B  | Standard dynamic mobile microphone (8-pin mod. plug) --- <b>same as supplied with radio</b>  | 40.00       |
| KMC-28A  | MIL-SPEC & Noise Canceling dynamic mobile microphone (8-pin mod. plug) w/ DTMF   | 155.00      |
| KMC-9C   | Control Station Desktop Microphone (8-pin mod. plug)   | 82.00       |
| <b>FLEETSYNC® MOBILE DATA TERMINAL See the KDS-100 price pages for detailed information</b>  |  |             |
| KDS-100  | FleetSync® Data Terminal- Includes mounting bracket, mounting hardware and DC Cable<br><b>Note:</b> 80-Series mobiles require the FleetSync® Enhanced option enabled. KCT-34 Radio Interface cable is required. Use a KCT-36 9.8 ft. for an extension cable          | 595.00      |
| KCT-34   | KGP-2A/2B & KDS-100 Radio Interface Cable for 80-Series Mobiles  | 21.00       |
| KCT-36   | KCT-34/35/39/40M Extension Cable; 117.6 inches (9.8 ft)  | 42.00       |
| KPG-71D  | Programming Software for KDS-100 Windows® 95/98/Me   | \$99.00     |
| KAS-2SFD   | <b>FleetDispatchPRO: FleetSync® messaging dispatch software for PC (Windows® 98/Me/NT/2000/XP compatible) Supports the following FleetSync® features: decodes PTT ID, decodes Emergency, encode/decodes Status Messages, encodes Short &amp; Long Text Messages.</b> | 498.00      |
| <b>AVL UNITS See the AVL price pages for detailed information</b>  |  |             |
| KGP-2A   | GPS Receiver / Modem Unit (includes one dash-mount GPS antenna, mounting bracket, screw set)   | 525.00      |
| KGP-2B   | Base Modem Unit  | 225.00      |
| Note: A KGP-2A/2B AVL system requires aftermarket AVL mapping dispatch software -see AVL price pages   |  |             |
| KCT-34   | KGP-2A/2B & KDS-100 Radio Interface Cable for 80-Series Mobiles  | 21.00       |
| KCT-36   | KCT-34/35/39/40M Extension Cable; 117.6 inches (9.8 ft)  | 42.00       |
| KPG-73D  | Programming Software for KGP-2A/2B Windows® 95/98/Me   | 99.00       |
| <b>QE-2 G-Star®/ MDC1200 DIGITAL ANI MODULES by Cimarron Technologies</b>  |  |             |
| <b>How to Order: Please see QE-2 Information and Order Sheet available from LMR Order Desk</b>   |  |             |
| 1. Select the proper model/ quantity of radios, desired MDC1200 (L-901) or G-Star (L-902) ANI format labor code.   |  |             |
| 2. Refer to the "QE-2 MDC-1200 Information/Order Sheet" available from the LMR Order Desk; select the ID format, ID codes and other feature options                    |  |             |
| 3. Fax the Order Sheet with your radio order to your authorized Kenwood Rep or LMR Order Desk  |  |             |
| All order sheet items must be filled out even if the feature option is "disabled" (incomplete Order Sheets will not be processed).                                     |  |             |
| a. QE-2's are Kenwood installed only; these are not available as "shipped loose" (pre-programmed or not).  |  |             |
| b. Allow a min. 1 week delivery ARO for 1- 25 units (allow min. 3 weeks for 25 units and up).  |  |             |
| Notes:   |  |             |
| Emergency "Man-down" features require an installed CAE-3 internal man-down tilt switch option (portables only).  |  |             |
| Dealers can purchase a QE-2 programmer , Model QPF-2, direct from Cimarron Technologies Call 800-487-7184 <a href="http://www.cimtechcorp.com">www.cimtechcorp.com</a> |  |             |
| QE-2   | G-Star® or MDC1200 ANI Board : PTT ANI & Emergency<br><b>Important Factory Install Only – Order L-901 or L-902</b>   | 128.00      |

## Accessories for the TK-780/880 Series Radios

| <i>Model</i>   | <i>Description</i>   | <i>List</i> |
|--|--|-------------|
| <b><u>SERVICE RELATED ACCESSORIES</u></b>                                  |  |             |
| KPG-46   | Mobile Programming interface cable (8-pin mic jack mobiles)                      | N/A         |
| KPG-49DK   | P.C. Programming Software for TK-280/380/480/481/780/880/980/981 V3.00 or higher | N/A         |
| KPG-73D  | Programming Software for KGP-2A/2B Windows® 95/98/Me                             | 99.00       |
| *****<br><b>Call Kenwood Parts at 800-367-7514 to order the following:</b> |  |             |
| E30-3382-05  | Clone cable  | \$11.28     |
| J29-0627-13  | Mounting bracket for TK-780/880/980/981 --- same as supplied w/ radio            | 7.04        |

## Installation / Tuning Charges for the TK-780/880 Series Radios

| <i>Model</i> | <i>Description</i>  | <i>List</i> |
|--------------|---|-------------|
| L-857        | Tune TK-780/880/980/981   | 25.00       |
| L-901        | Program and install QE-2 MDC1200 Encoder  | 75.00       |
| L-902        | Program and install QE-2 G-Star® Encoder  | 75.00       |
| L-918        | Install KCT-31 in 80-Series mobile (order KCT-31 separately)                                    | 21.00       |
| L-929        | Install KCT-34 to 80-Series mobile for KGP-2A/2B or KDS-100 interface (order KCT-34 separately) | 21.00       |

## PassPort® Options (Kenwood-installed) FOR NEW RADIO ORDERS ONLY

### Ordering Instructions

For VHF/UHF models TK-280/780/380/880 new radio orders, the Kenwood-installed PassPort® ESN / firmware option is no charge: Order the PassPort® ESN/Firmware option L-938 for each PassPort® radio.

Other required items:

- a. KPG-63D Radio Programming Software: the KPG-63D is required to program all PassPort® parameters for all PassPort® enabled radios, the KPG-63D will not program LTR or conventional parameters.
- b. KPG-49D is required only if LTR or conventional systems are to also be programmed in the PassPort® radio

| <i>Model</i> | <i>Description</i>   | <i>List</i> |
|--------------|--|-------------|
| L-938        | Install PassPort® ESN options and firmware; NO CHARGE for new TK-280/380/780/880 orders<br>Note: Only current 80-Series Version 2.0 production radios ("Ver. 2.0" appears on FCC ID label) | 0.00        |

### **PassPort® Radio Programming Software**

|         |  |       |
|---------|--|-------|
| KPG-63D | PassPort® Radio Programming Software V2.00 or higher | 65.00 |
|---------|--|-------|

## PassPort® Options (Field-installation kits)

### FOR DEALER / OPERATOR FIELD CONVERSIONS

#### Ordering Instructions

- Order the ESN key/firmware Labor Code options: L-892, L-893 or L-894; specify model radio(s).  
Pre-loaded ESN hardware key(s) with the ordered quantities of ESN's and a PassPort® radio firmware diskette will be shipped (100 ESN's maximum per hardware key). **Important: Any depleted key previously registered to a technicians computer must be retained to register any new purchased key to the computer; please retain the old key until the new one is received.**
- Other required items:
  - KPG-64D: PassPort® ESN Install Program: the KPG-64D only needs to be ordered one time. It is re-usable for subsequent ESN orders (unless an upgrade is recommended).
  - KPG-63D Radio Programming Software: required to program all PassPort parameters for all PassPort® enabled radios, the KPG-63D will not program LTR or conventional parameters.
  - KPG-49D Radio Programming Software: required only if LTR or conventional systems are also to be programmed in the PassPort® radio.
- The KPG-49D radio programming software is required for LTR & conventional site programming <sup>2</sup>.

| Model   | Description  | List    |
|---|--|---------|
| L-892   | PassPort® ESN Options & PassPort® firmware disk ( <a href="#">SPECIFY RADIO MODEL</a> )<br>· 1-24 qty. lot price; Price is per ESN   | \$68.00 |
| L-893   | PassPort® ESN Options & PassPort® firmware disk ( <a href="#">SPECIFY RADIO MODEL</a> )<br>· 25-99 qty. lot price; Price is per ESN  | 68.00   |
| L-894   | PassPort® ESN Options & PassPort® firmware disk ( <a href="#">SPECIFY RADIO MODEL</a> )<br>· 100 qty lot price; Price is per ESN<br>· Maximum 100 ESN options per hardware key | 68.00   |
| <b>Note:</b> Sales of L-892, 893, 894 are NOT refundable. Purchaser has a 72 hour limit after receipt to report suspected hardware key defects or ESN shortages to Kenwood engineering, Suwanee office 678-474-4700 |  |         |
| SRB08698  | Hardware Key (Sentinel Super Pro)  | 83.33   |

#### NOTES:

- Requires purchase of L-892, 893 or 894
- Sales of L-892, 893, 894 are NOT refundable
- Maximum 100 ESNs per hardware key
- Requires KPG-64D to download PassPort® ESN options into an 80-Series radio.
- Important: The hardware key is registered to the computer that it is first used on; it cannot be used on other computers.
- Empty hardware keys can be returned for 50% credit; call the LMR order desk for RMA #.
- Important: Retain depleted keys until a new one is received. It will be required to register the new key to the same computer.

|          |  |         |
|----------|--|---------|
| KPG-64D  | PassPort® ESN Field Installation Software V1.12<br>· V1.12: supercedes V1.11; upgrade to V1.12 recommended for improved ESN file database features | 10.00   |
| KPG-63DK | PassPort® Radio Programming Software V2.00 or higher   | \$65.00 |