

**TK-7102H / 8102H**  
**VHF/UHF Conventional Mobile Radios**



**All 7102H/8102H mobiles include:**

- Standard Microphone (KMC-30)
- Mounting Bracket
- DC Cable
- Fuse
- Instruction Manual
- Standard Warranty: 2 Years\*

\* All Accessories / options: 1 Year

**GENERAL FEATURES**

- 50 W (146-174 MHz) Model
- 45 W (450-490 MHz) Model
- 8 Channels (4 Channels per Group)
- 2 Conventional Groups
- Normal Scan (no priority)
- Backlit Keys
- Channel / Transmit / Busy LEDs
- 4 Channel Keys
- 2 Function Keys
- Up/Down Volume Keys
- Enhanced Kenwood Audio
- Front Panel Speaker
- Emergency Call Features
- QT / DQT
- DTMF Encode / Decode
- Special Alert Tone Patterns

- Busy Channel Lockout
- Time Out Timer
- Accessory Interface Cable Option
- 8 Programmable I/O Ports
- Ignition Sense
- Horn Alert Output
- 16-Key DTMF Mic Option
- Windows® Programming & Tuning
- Cloning
- MIL-STD-810 C/D/E/F/G

**FleetSync®**

- PTT ID Digital ANI
- Emergency Status

<b>MODEL</b>		<b>LIST</b>
TK-7102HK	146-174 MHz 50W, 4 CH x 2 Banks Conventional	350.00
TK-8102HK	450-490 MHz 45W, 4 CH x 2 Banks Conventional	367.00

<b>MOBILE INSTALLATION ACCESSORIES</b>		<b>LIST</b>
KCT-18	Ignition sense cable (requires KCT-39 Acc. Cable Option)	13.70
KCT-39	Radio Interface Cable for KGP-2A/2B & KDS-100	22.00
KCT-36	Extension Cable for KCT-34/35/39/40M; 117.6 inches (9.8 ft)	43.75
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	42.00
KMB-10	Key lock adapter	26.30

<b>CONTROL STATION INSTALLATION ACCESSORIES</b>		<b>LIST</b>
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	86.00
KMB-24	Control Station Mounting Case for KPS-15 Power Supplies. (mobile mounting hardware included)	42.00
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	173.00

<b>MICROPHONES AND SPEAKERS</b>		<b>LIST</b>
KMC-30	Standard mobile microphone (8-pin mod. plug) - same as supplied	31.50
KMC-35	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)	52.50
KMC-32	Standard mobile microphone with 16-key DTMF (8-pin mod. plug)	70.00
KMC-36	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)	94.50
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	86.00
KES-3	External speaker (compact low profile; black case; 3.5 mm phono plug-in)	44.25

**SERVICE RELATED ACCESSORIES** **LIST**

KPG-46UM	USB Programming interface cable	158.50
KPG-70DK	Windows® Programming Software for TK-7102H/8102H	103.25
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<b>Contact Kenwood Parts for Price and Availability 800-367-7514 on the following:</b>		
E30-3382-05	Clone cable	---
J29-0662-03	Mounting bracket for --same as supplied w/ radio (order N99-2039-05 for mounting screw set)	---

**INSTALLATION / TUNING CHARGES** **LIST**

L-934	TK-7102H/8102H Programming (with basic TX/RX check)	37.50
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**FleetSync® MOBILE DATA TERMINAL** **LIST**



**KDS-100 Data Terminal includes:**

- Mounting bracket
- Mounting hardware
- DC Cable

**KDS-100 FEATURES**

- Increases FleetSync® Message Viewing: 40 Character x 6 line Dot Matrix LCD
  - View 5 line Message List x 23 Char. @ line (vs. 1 line Message x 16 Char. scrolling)
  - View Short Text Messages (48 Char.) at once (vs. 48 Char. scrolling)
  - View Long Text Message (1024 Char.) at once (vs. not available)
- Increases FleetSync® ID Capacity: 511 IDs (vs. 100 IDs)
  - Base stations can handle larger size fleets
- Increases Status Message List Capacity: 89 Messages (vs. 50 Msgs.)
  - More dispatcher-to-fleet type messages for different job tasks
  - More fleet-to-dispatcher type messages for responses/statuses
- Increased Status Message Stack Memory: 367 Messages (vs. 9 Msg.s)
- Increased Short Text Message Stack Memory: 367 Messages (vs. 4 Msg.s)
- Lithium Cell Memory Backup Battery (vs. radio-only volatile message memory)
- Large Backlit LCD & Function Keys
- Simple Installation
- Windows® Compatible Programming Software
- Programming Password Protection
- Built-in FleetSync® DSP Modem
- Real-Time Clock/Message Time Stamping
- 10 Status Message 'Hot Keys'
- Message Sorting & Deletion Screens
- Message Temporary Recycle Bin
- New Message Tone and LED Alerts
- Buzzer Volume Level
- Flashrom Firmware Memory

**Important Note:**

**1. KDS-100 Compatible Dispatch Software May Be Required** - The KDS-100 used a fleet unit will decode Status Messages and Selective Calls sent other FleetSync®-capable portables or mobiles, from a KDS-100 with a FleetSync® capable mobile (PC mode) or a KDS-100 with a non-FleetSync® capable mobile (air mode). However, Short and Long Text Messaging requires a base station FleetSync® capable mobile PC Serial Interfaced with computer running a FleetSync® compatible dispatch software capable of creating and sending Short/Long Text Messages. This software is available from vendors such as:  
 - IDA Corporation, Fargo ND: KenCall Dispatch software  
 - Kenwood Communications Corporation: Fleet Dispatch Pro software

**2. The KDS-100 cannot be used simultaneously with a Kenwood KGP-2A/2B AVL unit.**

KDS-100	FleetSync® Data Terminal <b>Note:</b> The KDS-100 pigtail cable (1.83 ft) combined with the KDS-100 mobile interface cables KCT-34/35/39/40M (1 ft.) and use a KCT-36 (9.8 ft.) for an extension.	625.00
KPG-71DK	Windows® Programming Software for KDS-100	103.25
KCT-39	Radio Interface Cable for KGP-2A/2B & KDS-100	22.00
KCT-36	Extension Cable for KCT-34/35/39/40M; 117.6 inches (9.8 ft)	43.75