

**TK-762G / 862G**  
**VHF/UHF Conventional FM Mobile Radios**



**All 62G series mobiles include:**

- Standard Microphone (KMC-27B)
- Mounting Bracket
- DC Cable (KCT-23M)
- Instruction Manual
- Standard Warranty: 2 Years\*

\* All Accessories / options: 1 Year

**GENERAL FEATURES**

- 25 / 50 W (148-174 MHz) Models
- 25 W (450-490 MHz) Model
- 8 Channels / 8 Groups
- Single Priority Scan
- 1-Character / 7-Segment LCD
- Backlit LCD & Keys
- Function/Status LCD Icons
- Transmit /Busy / Call Alert LED
- 9 Programmable Function Keys
- Top Panel Speaker
- Companded Audio
- Encryption / ANI Board Control
- Emergency Call Features
- QT / DQT
- Operator Selectable Tone
- Two-Tone Decode
- Single & Two-Tone Encode
- DTMF Encode / Decode
- Special Alert Tone Patterns
- Call Key
- Top Panel Speaker
- Companded Audio
- Encryption / ANI Board Control
- Emergency Call Features
- QT / DQT
- Operator Selectable Tone
- Two-Tone Decode
- Single & Two-Tone Encode
- DTMF Encode / Decode
- Special Alert Tone Patterns
- Call Key

<b>MODEL</b>		<b>LIST</b>
TK-762GK	148-174 MHz 25W, 8 CH	429.00
TK-762HGK	148-174 MHz 50W, 8 CH	473.00
TK-862GK	450-490 MHz 25W, 8 CH	481.00

<b>CABLES</b>		<b>LIST</b>
KCT-18	Ignition Sense Cable (Requires KCT-19)	13.70
KCT-19	Accessory Interface Cable (i.e., data, horn alert)	22.00

<b>MOBILE INSTALLATION ACCESSORIES</b>		<b>LIST</b>
KAP-1	Horn Alert/P.A. Relay Option (Requires KCT-19)	42.00
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-20	Control Station Mounting Case for KPS-15 Power Supplies (mobile mounting hardware included)	26.30
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-27A	MIL-SPEC & Noise Canceling dynamic mobile microphone (8-pin mod. plug)	104.00
KMC-27B	Standard dynamic mobile microphone (8-pin mod. plug)	42.00
KMC-28A	MIL-SPEC & Noise Canceling dynamic mobile microphone (8-pin mod. plug) w/ DTMF	163.00
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
KES-5	External Speaker, 40W max input, black case	61.25

**Note:** require a KCT-19 option

**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 Matix 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:**

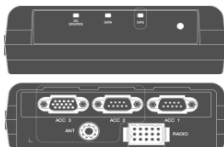
**1. KDS-100 Compatible Dispatch Software May Be Required** - The KDS-100 used a fleet unit will decode Status Messages and Selective Calls sent other FleetSync®-capable portables or mobiles, from a KDS-100 with a FleetSync® capable mobile (PC mode) or a KDS-100 with a non-FleetSync® capable mobile (air 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-35	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

**AVL UNITS**

**LIST**



**KGP-2A/2B FEATURES**

- Compatible Radios: 60G/62/63G/80/150/180/160-Series mobiles
- KGP-2A/2B air protocol is backward compatible with KGP-1A/1B
- Programmable Auto-reporting or polled updates
- 256 Mobile IDs x 256 Groups
- Mil-Spec 810C, D & E Dust, Vibration and Shock
- Over-the-air programming- Data Rate 1200 or 2400 baud (except intial programming; see KPG-73D)
- Windows® 95, 98 & Me Programming Software (KPG-73D)
- Sixteen Multi-purpose Programmable I/O's [External Connectors; [DB-9 (ACC2); DB-15(ACC-3)]
  - Each I/O programmable for either an analog "input" or output" (dispatch-AVL mapping software must support)
  - Inputs for external sensors, switches, contacts, etc.
  - Outputs for external relays, controls, etc. (mapping software must support)
- LED Status Indicators
  - DC Source- indicates receiving power from the mobile
  - Data- indicates KGP-unit is sending /receiving data
  - GPS- indicates receiving a GPS signal (KGP-2A)
- Flashrom Firmware / Compact Size

**AVL UNITS - CONT'D**

**LIST**

**Note: KGP-2A/2B Compatible AVL Mapping Software is Required**  
 A KGP-2A/2B AVL system requires a AVL mapping software package "specifically engineered" for KGP-protocol compatibility. Manning NavComp's RASTRAC® software provides AVL mapping/fleet management. To purchase, or for more information contact:  
**Manning NavComp, Inc.**  
 4205 Park Dr.  
 Lago Vista, Texas 78645  
 Ph.: 512-267-7800, Fax: 512-267-9200  
 E-mail: sales@navcomp.com  
 Web: http://www.navcomp.com

**FOR EACH BASE STATION ORDER:**

1. KGP-2B Modem Unit - one KGP-Protocol base/control station modem unit required per AVL system
2. KCT-35 cable & L-930 - connects the KGP-2B to the 60G-Series base/control station mobile
3. Computer Serial Cable Required (not supplied)- The KGP-2B-to-PC COM Port connection for AVL data is made via a dealer-supplied computer serial communication port cable. The serial cable should be a D-Sub 9-Pin Female (KGP-2B; ACC1 end) and the appropriate D-Sub 9-Pin or 25-Pin on the PC serial COM Port end. Serial cables are wired "Null Modem" with pins 2-to-3 and 3-to-2 configured end connectors.

**FOR EACH FLEET MOBILE ORDER:**

1. KGP-2A GPS Receiver-Modem Unit - the KGP-Protocol fleet mobile unit
2. KCT-35 cable & L-930 - connects the KGP-2A to the fleet 60G-Series mobile
3. The KCT-19 & KCT-35 cannot be installed simultaneously- Therefore using a KCT-35 excludes plug-in of a KCT-19 for KES-5 external speaker (use KES-3), Horn Alert output, Data modem I/O's, footswitch input and headsets.

KGP-2A	GPS Receiver / Modem Unit (includes one dash-mount GPS antenna, mounting bracket, screw set) 1. One KCT-35 is required for each fleet and base mobile radio 2. L-930 - Install KCT-35 to 60G/62G/63G-Series Mobile for KGP-2A/2B interface 3. The KCT-35 is 12 inches in length; use a KCT-36 (9.8 ft.) extension if required	551.00
KGP-2B	Base Modem Unit 1. One KCT-35 is required for each fleet and base mobile radio 2. L-930 - Install KCT-35 to 60G/62G/63G-Series Mobile for KGP-2A/2B interface 3. The KCT-35 is 12 inches in length; use a KCT-36 (9.8 ft.) extension if required	236.50
KCT-35	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
KPG-73DK	Windows® Programming Software for KGP-2A/2B	103.25

**SERVICE RELATED ACCESSORIES**

**LIST**

KPG-46AM	Programming interface cable	191.00
KCT-53UM	USB Adapter for KPG-xxAM DB9F Programming Interface Cables (DB9M - to - USB Type A connector)	86.00
KPG-56DK	Windows® Programming Software for TK-762G/862G	68.50

**INSTALLATION / TUNING CHARGES**

**LIST**

L-136	60G/62G Mobile Programming (with basic TX/RX check)	20.00
L-895	Install KCT-19 in 60G/62G Series Mobiles for Data/MDT mode	17.00
L-897	Install KCT-19 in 60G/62G Series Mobiles for Emergency Foot Sw. Input	17.00
L-930	Install KCT-35 in 60G/62G/63G Series Mobiles for KDS-100/KGP-2A/2B Interface (order KCT-35 separately)	21.00