

TK-7150/8150

VHF / UHF Trunking & Conventional Mobile Radios

Model	Description
VHF	Includes: KMC-27B Mic., KCT-23M DC Cable, Mounting bracket, key label inserts
TK-7150K	136-174 MHz, 50 W, 128 Conventional/ 32 LTR Zones max.
UHF	Includes: KMC-27B Mic., KCT-23M DC Cable, Mounting bracket, key label inserts
TK-8150K	450-500 MHz, 45 W, 128 Conventional/ 32 LTR Zones max.

TK-7150/8150 FEATURES:

GENERAL FEATURES:

50W VHF & 45W UHF
 DSP Processing
 Wide Frequency Range
 Wide/Narrow Channel Spacing
 Programmable Power Per Channel
 Remote Mount Capable (KRK-9)
 3.5 W Front Panel Speaker
 12 W External Speaker Output
 Companded Audio Per Channel
 12-Character Alphanumeric Display
 3-Digit Numeric Sub-Display
 Dot Matrix Backlit LCD
 TX/Busy LED Indicators
 LCD Backlight Control
 6 PF Keys with Label Inserts
 Volume Knob / Power ON/Off Button
 Zone/ CH Selector Knob
 Dynamic Channel/Zone Allocation
 Home CH/GID
 5 CH. Direct Channel Select (User)
 CH/GID Selector Tracking & Recall
 Send GPS
 Speaker Internal-External Switch
 Squelch Level
 FleetSync & FleetSync II ***
 Encryption/Scrambler Board Support
 ANI Board Support
 Dual ANI & Scrambler Board Install
 Emergency Call (DTMF & FleetSync)
 DTMF Decode Selective Call
 DTMF Deadbeat Disable
 DTMF PTT ID & DTMF Emergency ID
 Auto-Dial Memory (32 numbers)
 Horn Alert (Programmable Output)
 Public Address
 DB-25 Accessory Connector
 AUX A Output (High or Open Coll.)
 AUX B Output (High or Open Coll.)
 AUX Inputs 1-4 (F-Port)
 AUX Outputs 1-4 (F-Port)
 16 CH. Remote Ctrl. I/O's (F-Port)
 Data Port I/O's (F-Port)
 FleetSync COM 1 & 2 (DB-25)
 6-Pin Accessory Connector

Ignition Sense On/Off
 Timed Power Off with Ignition Sense
 Inhibit PTT ID in TA
 PTT Release Tone
 Minimum Volume
 Control Tones/Offset Volume
 Power On Text
 Embedded Message (64 Char.)
 Embedded Message w/Password
 Data Password ("Anti-piracy")
 Radio Password (Radio Lock)
 Clone Capability (enable/disable)
 PC Programming & Tuning
 Flash ROM Firmware
 Windows Programming Software
 KES-5 External Speaker
 MIL-Spec/Noise-Cancel Mic Options
 KDS-100 Compatible (KCT-40)
 KGP-2A/2B Compatible (KCT-40)
 MIL-STD 810 C, D, E & F

INCLUDED ITEMS

KMC-27B Standard Microphone
 DC Cable
 Mounting Bracket
 Instruction Manual
 2 Year Warranty Card

CONVENTIONAL ZONE OPERATION

128 Zones (max.)
 Dual Priority Scan
 Single/Multi-Zone & List Scan
 Scan Revert Channel Display
 Scan Delete/Add
 Nuisance Delete
 QT/DQT Encode & Decode
 Operator Selectable Tone (16 OST)
 2-Tone Decode (4 x 4 Decoding)
 Tones: A, B, C, D; Seq.: A-B, A-C, C-B, A-D, C-D
 4 Decode Groups x 4 Decode pairs
 8 Unique Alert Tone Patterns
 2-Tone Encode (32 Selectable Pairs)
 BCL/BCL Override, TOT & TA
LTR ZONE OPERATION
 32 Zones (max.)
 250 GIDs max.



LTR Talk Around
 Scan Revert Group Display
 System Scan & Group Scan
 Auto System Search
FLEETSYNC / FLEETSYNC II ***
 Programmable for either FleetSync I or FleetSync II protocols
 PTT ID (Digital ANI)
 Caller ID Display (per CH; 100 ID List)
 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 (100 ID List, Last 3 Message Stack)
 Short Text Messages** (stored/display)
 Long Text Message** (req. KDS-100, KCT-40/36)
 PC Serial Control Interface** (req. computer serial cable)
 FS GPS Data** (req. aftermarket GPS/modification)

** FleetSync Enhanced features (factory enabled)

*** FleetSync II air protocol is not compatible with the original FleetSync air protocol. The TK-7150/8150 FleetSync PC Serial interface is the same regardless of FleetSync or FleetSync II operation with dispatch software applications.