

## TK-7180/8180

### VHF / UHF Trunking & Conventional Mobile Radios

Model	Description
<b>VHF</b>	<b>Includes: KMC-35 Mic., DC Cable, Mounting bracket</b>
TK-7180K	136-174 MHz 30W, 512 CH / 128 Zone CONV-& LTR
<b>UHF</b>	<b>Includes: KMC-35 Mic., DC Cable, Mounting bracket</b>
TK-8180K	450-520 MHz 30W, 512 CH / 128 Zone CONV-& LTR
TK-8180K2	400-470 MHz 30W, 512 CH / 128 Zone CONV-& LTR

### TK-7180/8180 FEATURES:

#### GENERAL

30 Watt UHF & VHF Models  
Wide Band: UHF 70 MHz / VHF 38 MHz  
Conventional & LTR Zones  
512 Channels / 128 Zones  
Remote Control Head Option (KRK-10)  
Home CH/GID  
Direct Channel/GID Access (5)  
12 Character Alphanumeric Aliases  
Backlit Dot Matrix LCD  
3-Digit Sub-Display  
RSSI Indicator  
Battery Level Indicator  
Low Battery Warning  
Date & Time Clock  
Power On Text Message  
Emergency/AUX Key (Δ)  
6 Programmable Function Keys  
Kenwood Enhanced Audio  
Comanded Audio Per Channel  
4 W Front Panel Speaker Audio  
DB-25 Acc. Conn. /Programmable Interface  
Ignition Sense Line (pigtail)  
KAP-2 PA/HA Unit  
Horn Alert (FleetSync, 2-Tone, DTMF decode)  
Easy Option Port  
VGS-1 Voice Guide & Storage Unit  
Voice Inversion Scrambler Built-in  
Encryption/ANI Board Control  
Emergency Calling Features  
Signaling AND/OR (per Zone)  
DTMF Decode  
DTMF Stun  
DTMF PTT ID  
DTMF Manual Encode (keypad models)  
DTMF Auto-Dial (32 numbers)  
Call Key (FleetSync®, 2-Tone or DTMF encode)  
Special Alert Tones (8 Sequences)  
Call Key (FletSync, 2-Tone, DTMF encode)  
Embedded Message (64 Character)  
Embedded Message with Password  
Microphone Sensitivity Adjust  
Tone Volume  
Min / Max. Speaker Volume  
Time Out Timer (per Zone)  
Timed Power Off

Transceiver Password  
Data Password (Read/Write)  
Windows □ Programming & Tuning  
English/Spanish Program Screen Language  
Panel Test/Tune  
Cloning  
Firmware Version Programming & Version  
MIL-STD-810 C/D/E/F (11 cat.)  
MIL-STD "Driven-Rain" (Control Head)  
IP-54/55 Water & Dust Intrusion (Control Head)  
2 Year Warranty

#### CONVENTIONAL ZONES

512 Channels ( CH & GID max. capacity per radio)  
128 Zones max. per radio  
250 CH max. per CONV. Zone  
QT / DQT  
Two-Tone Decode (4 pairs)  
Single / Two-Tone Encode (32)  
Operator Selectable Tone (40 code pairs)  
Dual Priority Scan  
Single/Multi-Group/List Scan  
Scan Revert Channel Display  
Priority Channel Stop Tone  
CH Delete/Add  
Nuisance Delete  
Priority Temporary Delete  
Power on Scan  
Talk Around  
Busy Channel Lockout

#### INCLUDED ITEMS

DC cable, spare fuse, mounting bracket & hardware,  
KMC-35 microphone  
English/Spanish Instruction Manual

#### TRUNKED ZONES

512 GID ( CH & GID max. capacity per radio)  
128 Zones max. per radio  
250 GID max. per Trunked Zone  
GID Delete/Add  
Full LTR Trunking Features  
LTR Talk Around /Scan Revert Group Display  
System Scan, Group Scan, Auto Search

#### FLEETSYNC® (Conv. & Trunked Zones)

FLEETSYNC® or FLEETSYNC® II Compatibility  
PTT ID Digital ANI  
100 ID List Capacity  
Caller ID Display  
Caller ID Stack (last 3 calls)  
Status Messaging  
90 Message List Capacity  
10-79 Custom Dispatch Messages  
ST 98: Man-Down Emergency (portables)  
ST 99: Emergency Status  
ST 88: Emergency Mode Off  
ST 89: Horn Alert Request (mobiles)  
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- No Such Status Programmed Response  
ST 81-87, 95-97 (Reserved for future use)  
Selective Call  
Short Text Messages (stored/display)  
Long Text Message (requires KDS-100, KCT-40)  
Power On/Off Status Messages  
AUX Input/Output Status Messages (3 each)  
FleetSync GPS Ready (NMEA Input)  
FleetSync GPS Data Storage (requires VGS-1)  
FleetSync PC Serial Interface (DB-25)

