

TK-2180 / 3180

VHF/UHF Trunking & Conventional Portable Radios



All 180 series portables include:

- Belt Clip (KBH-11)
- Universal Connector Cap
- Instruction Manual
- Premium Warranty: 3 Years*

* All Accessories / options: 1 Year

Order packages to include Battery & Charger, or purchase Battery, Charger, and Antenna separately.

GENERAL FEATURES

- 5 W (136-174 MHz) Models
- 5 W (450-520, 400-470 MHz) Models
- Conventional & LTR® Zones
- 12 Character Alphanumeric Aliases
- Backlit Dot Matrix LCD
- 3-Digit Sub-Display
- Function / Status LCD Icons
- RSSI Indicator
- Date & 12/24 Hour Time Clock
- Transmit / Busy / Call Alert / Warn LED
- 4 Front Panel PF keys
- 2 Side PF Keys
- Orange Emergency / AUX Key
- 12-Key DTMF / PF Keypad
- 500 mW Audio Power
- Enhanced Kenwood Audio
- Companded Audio
- VOX Ready
- Voice Inversion Scrambler Built-in
- Encryption / ANI Board Control
- Easy Option Port
- VGS-1 Voice Guide / Storage Option
- Emergency Call Features
- Emergency Man-Down Option
- DTMF Encode / Decode
- Special Alert Tone Patterns
- Call Key
- Time Out Timer
- Busy Channel Lockout
- LCD Battery Status Indicator
- Low Battery Alert
- Battery Saver
- Weather-sealed ACC Connector
- MIL-Spec Speaker Mic Option
- Windows® Programming & Tuning
- Windows® Firmware Uploading
- Front Panel Test/Tune
- Cloning

- MIL-STD-810 C/D/E/F
- MIL-STD "Driven-Rain"
- IP-54/55 Water & Dust Intrusion
- Intrinsically Safe Option*

CONVENTIONAL ZONES

- 512 Channels / 128 Zones
- QT / DQT
- Two-Tone Decode
- Single / Two-Tone Encode
- Operator Selectable Tone
- Dual Priority Scan
- Single & Multi-Zone Scan
- List Scan

TRUNKED ZONES

- 512 GID / 128 Zones
- Kenwood LTR® Features

FleetSync®

- FleetSync® or FleetSync® II
- PTT ID Digital ANI
- Selective Call & Group Call
- Status Messaging
- Emergency Status
- Caller ID Display
- Short Text Messages
- Power On/Off Status Messages
- PC Serial Interface
- Send/Display GPS (KMC-38GPS)
- PTT ID & Emergency GPS Reporting
- Status Message Block GPS Reporting

MDC-1200

- PTT ID Digital ANI
- Caller ID Display
- Emergency Status
- Radio Check
- Radio Inhibit

* Approved for Classes I, II & III, Div. 1, Groups C, D, E, F, G and are also approved for non-Incendive use in Class I, Div. 2, Groups A,B, C, D hazardous locations.

PACKAGES	* The 2% Radio Package Discount applied to Dealer Cost	LIST
TK-2180K-NKP	VHF NiMH Battery Package (TK-2180K + KNB-32N + KSC-32 + KBH-11)	700.50
TK-2180K-LKP	VHF Li-Ion Battery Package (TK-2180K + KNB-33L + KSC-32 + KBH-11)	718.00
TK-2180K-AKP	VHF NiCd Battery Package (TK-2180K + KNB-31A + KSC-32 + KBH-11)	683.00
TK-3180K-NKP	UHF NiMH Battery Package (TK-3180K + KNB-32N + KSC-32 + KBH-11)	717.50
TK-3180K2-NKP	UHF NiMH Battery Package (TK-3180K2 + KNB-32N + KSC-32 + KBH-11)	717.50
TK-3180K-LKP	UHF Li-Ion Battery Package (TK-3180K + KNB-33L + KSC-32 + KBH-11)	735.00
TK-3180K2-LKP	UHF Li-Ion Battery Package (TK-3180K2 + KNB-33L + KSC-32 + KBH-11)	735.00
TK-3180K-AKP	UHF NiCd Battery Package (TK-3180K + KNB-31A + KSC-32 + KBH-11)	700.00
TK-3180K2-AKP	UHF NiCd Battery Package (TK-3180K2 + KNB-31A + KSC-32 + KBH-11)	700.00

RADIO		LIST
TK-2180K	136-174 MHz 5W, 512 CH / 128 Zone CONV-& LTR	543.00
TK-2180K2	136-174 MHz 5W, 512 CH / 128 Zone CONV-& LTR with DTMF keypad	595.00
TK-3180K	450-520 MHz 5W, 512 CH / 128 Zone CONV-& LTR	560.00
TK-3180K3	450-520 MHz 5W, 512 CH / 128 Zone CONV-& LTR with DTMF Keypad	613.00
TK-3180K2	400-470 MHz 5W, 512 CH / 128 Zone CONV-& LTR	560.00
TK-3180K4	400-470 MHz 5W, 512 CH / 128 Zone CONV-& LTR with DTMF Keypad	613.00

FACTORY MUTUAL (FM) APPROVED MODELS	LIST
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Must Order L-994 & an Intrinsically Safe Battery per radio

TK-2180-ISK	136-174 MHz 5W, 512 CH / 128 Zone CONV-& LTR	543.00
TK-2180-ISK2	136-174 MHz 5W, 512 CH / 128 Zone CONV-& LTR with DTMF keypad	595.00
TK-3180-ISK	450-520 MHz 5W, 512 CH / 128 Zone CONV-& LTR	560.00
TK-3180-ISK3	450-520 MHz 5W, 512 CH / 128 Zone CONV-& LTR with DTMF Keypad	613.00
TK-3180-ISK2	400-470 MHz 5W, 512 CH / 128 Zone CONV-& LTR	560.00
TK-3180-ISK4	400-470 MHz 5W, 512 CH / 128 Zone CONV-& LTR with DTMF Keypad	613.00

ANTENNAS	LIST
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KRA-26M	VHF helical antenna 146-162 MHz	14.00
KRA-26M2	VHF helical antenna 162-174 MHz	14.00
KRA-26M3	VHF helical antenna 136-150 MHz	14.00
KRA-27M	UHF whip antenna 440-490 MHz	14.00
KRA-27M2	UHF whip antenna 470-520 MHz	14.00
KRA-27M3	UHF whip antenna 400-450 MHz	14.00
KRA-22M	VHF low-profile helical antenna 148-162 MHz	13.70
KRA-22M2	VHF low-profile helical antenna 162-174 MHz	13.70
KRA-22M3	VHF Low-profile helical antenna 136-150 MHz	13.70
KRA-23M	UHF low-profile helical antenna 450-490 MHz	13.70
KRA-23M2	UHF low-profile helical antenna 470-512 MHz	13.70
KRA-23M3	UHF low-profile helical antenna 403-430 MHz	13.70
KRA-25	High gain VHF helically loaded whip antenna 148-162 MHz	34.25
KRA-28	Broad-band VHF helically loaded whip antenna 140-170 MHz	42.00

BATTERIES AND CHARGERS	LIST
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KNB-31A	1700 mAh, Ni-Cd battery - requires KSC-32/326K charger	70.00
KNB-32N	2500 mAh, Ni-MH battery - requires KSC-32/326K charger	87.50
KNB-33L	2000 mAh, Li-ion battery - requires KSC-32/326K charger	105.00
KNB-41NC	2500 mAh, Ni-MH battery - requires KSC-32/326K charger [Intrinsically Safe Option]	136.50
KNB-43L	3300 mAh, Li-Polymer battery - requires KSC-32/326K charger	163.00
KNB-49PL	4500 mAh, Primary Lithium battery Note: Non-Rechargeable (please recycle all batteries properly) 10 year Shelf Life (approx. 1% charge degradation per year when properly stored: +50 °F to +86 °F @ less than 70% humidity)	84.00
KBP-6	AA Alkaline Refillable Battery Pack (6 AA; 9V) cells not included Note: the color of the case is orange	68.50

BATTERIES AND CHARGERS - CONT'D		LIST
KSC-32	Rapid rate single unit charger for KNB-31A/32N/33L/41NC/43L/47L/48L/50NC Note: Includes 110/220V auto-switching AC adapter with U.S.-style line cord plug; requires plug adapter for 220V Euro-style outlets (not supplied).	70.00
KSC-326K	Rapid rate 6-unit charger for KNB-31A/32N/33L/41NC/43L/47L/48L/50NC	630.00
KMB-30M	Wall Mount Bracket for KSC-326K/256K	33.75
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/32 chargers (chargers not included)	191.00
KVC-15	Rapid rate DC vehicular charger adapter for the KSC-32 (chargers not included; includes KSC-mobile bracket & cigarette lighter cable DC adapter)	119.00
KVC-18	Vehicular D.C. Charger for 180/5210/5310 Portables with NiCd or NiMH Battery	446.50

CARRYING ACCESSORIES		LIST
KBH-11	Spring action belt clip (2.5")	14.70
KBH-10	Low profile spring action belt clip (for use with KNB-33L Only)	8.35
KBH-8DS	Leather swivel belt loop with portable D-Ring attachment	26.30
KLH-6SW	Leather swivel belt loop / detachable swivel D-Ring back	22.00
KLH-122	Heavy duty leather carrying case for TK-2180/3180 (Non DTMF keypad models)	44.25
KLH-123	Heavy duty leather carrying case for TK-2180/3180 (DTMF keypad models)	44.25
KLH-124	Cordura Nylon carrying case for TK-2180/3180 (Non DTMF keypad models)	26.30
KLH-125	Cordura Nylon carrying case for TK-2180/3180 (DTMF keypad models)	26.30
KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case (KLH-75B/76B/78B/79B//92/122/123/133/148)	36.75
KWR-1	Water resistant bag	29.85

MICROPHONES & AUDIO ACCESSORIES		LIST
KMC-38GPS	GPS Speaker Microphone [Intrinsically Safe Approved Accessory] Note: FM Intrinsically Safe Approved except for Group C gases	402.50
KMC-41M	MIL-SPEC, IP54/55 Noise-canceling Speaker Mic [Intrinsically Safe Approved Accessory]	96.50
KMC-42WM	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic [Intrinsically Safe Approved Accessory] Important Note: Portable radio does not have an IP67 Immersion option; meets MIL STD810 rain standards	114.00
KEP-1	3.5mm earphone kit for KMC-25/26/41M/42WM Speaker Mics [Intrinsically Safe Approved Accessory]	52.50
KCT-30	2.5mm Audio Accessory Adapter for KEP-3/4 [Intrinsically Safe Approved Accessory]	64.00
KEP-3	30" Earphone kit w/ 2.5mm plug for KCT-30 [Intrinsically Safe Approved Accessory]	51.50
KEP-4	48" Earphone kit w/ 2.5mm plug for KCT-30 [Intrinsically Safe Approved Accessory]	54.75
KHS-11BE	2-wire palm mic w/earphone, universal connector (Beige) [Intrinsically Safe Approved Accessory]	156.50
KHS-11BL	2-wire palm mic w/earphone, universal connector (Black) [Intrinsically Safe Approved Accessory]	156.50
KHS-12BE	3-wire mini lapel mic w/earphone, universal connector (Beige) [Intrinsically Safe Approved Accessory]	184.00
KHS-12BL	3-wire mini lapel mic w/earphone, universal connector (Black) [Intrinsically Safe Approved Accessory]	184.00
KHS-14	Lt. Wt. Single muff headset w/boom mic & In-line PTT [Intrinsically Safe Approved Accessory]	126.00
KHS-15-BH	Hvy-duty noise reduction behind-the-headset w/noise cancelling boom mic & in-line PTT [Intrinsically Safe Approved Accessory]	420.00
KHS-15-OH	Hvy-duty noise reduction over-the-headset w/noise cancelling boom mic & in-line PTT [Intrinsically Safe Approved Accessory]	368.00

OPTION MODULES		LIST
KCT-48VU	External Vibration Unit [Intrinsically Safe Approved Accessory] Note: Audio accessories cannot be used when this option installed.	49.00
KCT-57MS	Man-Down Internal Tilt Switch (Non-Mercury) [Intrinsically Safe Approved Accessory] - Must be Kenwood installed for I.S. Order L-1610 for CIM-1000, K-20, K-26 & L-1611 for FleetSync® operations	22.00
CIM-1000K-26	GE-Star or MDC-1200 ANI Encode 26-Pin Plug-in Board [Intrinsically Safe Approved Accessory] - Must be Kenwood installed for I.S. Must order L-1018 MDC-1200 or L-1019 for G-Star operations Note: CIM-1000K-26 G-Star®/ MDC1200 Digital ANI (26-Pin Plug-in) Boards Pre-programmed & installed boards require a completed CIM-1000K-26 Information and Order Sheet" (available from Kenwood LMR Order Desk) submitted with order. a) Order the appropriate Labor Code for MDC-1200 or G-Star. b) CIM-1000K-26 boards can be ordered and shipped loose (if shipped loose, Kenwood will not program the board).	131.25
CIM-CABLE	Serial Program Cable Note: CIM-1000, K-20, K-26 programs via Windows Hyper terminal (Windows Ver 3.1 or later) or any ProComm version; board must be installed in a powered radio for programming. The radio programmer does NOT program the CIM-1000, K-20, K-26. CIM-CABLE is a DB-9 PC connector with 3 short lead with clips and may require a PC serial extension cable. CIM-IRP (Part No 01-30-0510) Infrared wireless standalone programmer, C-Plus line of desktop decoder displays and CIM-1000, K-20, K-26 Instruction Manuals are available directly from Cimarron Technologies 800-487-7184 at www.cimtechcorp.com	61.25
VGS-1	Voice Guide and Storage Unit [Intrinsically Safe Approved Accessory]	87.50
FRIMWARE OPTIONS		LIST
KWD-180MPT	MPT Trunking Field Upgrade Kit for 180-Series Must order L-1619 Note: Refer to 180-Series MPT Price Pages and 180-Series MPT In-Depth Technical Manuals for feature details (available from technical support). Not compatible with any other firmware options Radio does not retain all normal 180-Series conventional or LTR trunking features once the MPT option is installed.	43.75
KWD-180TFS	TFS-- Tactical Feature Set-- Field Upgrade Kit for 180-Series Must order L-1624 Note: Refer to 180-Series "Tactical Feature Set" In-Depth Technical Manual for feature details (available from technical support). Not compatible with any other firmware options.	105.00
SERVICE RELATED ACCESSORIES		LIST
KPG-36AM	Programming interface cable	93.00
KCT-53UM	USB Adapter for KPG-xxAM DB9F Programming Interface Cables (DB9M - to - USB Type A connector)	86.00
KPG-89DK	Windows® Programming Software for TK-2180/3180/7180/8180	103.25
INSTALLATION / TUNING CHARGES		LIST
L-961	Assemble KMB-23 with six KSC-32K's (Rapid Rate, 120 Volt version only)	17.00
L-962	Install VGS-1 Voice Guide & Storage Unit Note: VGS-1 installation precludes any ANI or encryption board installation	25.00
L-963	TK-2180/3180 Programming (with basic TX/RX check)	37.50
L-994	Configure TK-2180-IS/3180-IS for Intrinsically Safe Must order an I.S. battery	70.00
L-1018	Install & Program CIM-1000K-26 for MDC-1200 in TK-2180/3180	75.00
L-1019	Install & Program CIM-1000K-26 for GE-Star in TK-2180/3180	75.00
L-1610	180 Portable KCT-57MS Installation (for CIM-1000K-26)	20.00
L-1611	180 Portable KCT-57MS Installation (for FleetSync®)	20.00
L-1619	180 Portable KWD-180MPT FIELD-UPGRADE (Must purchase KWD-180MPT separately)	NC
L-1624	180 Portable KWD-180TFS FIELD-UPGRADE (Must purchase KWD-180TFS separately)	NC