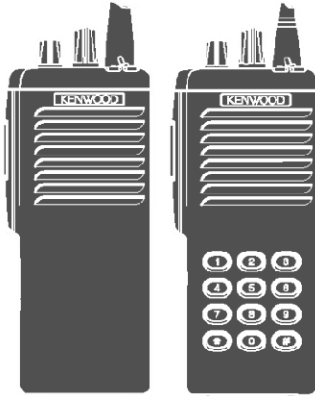


TK-290 / 390

VHF / UHF FM Transceivers



GENERAL FEATURES

- 5 W (136-174 MHz)
- 4 W (450-490 MHz)
- 160 Channels / 16 Channel Groups
- QT / DQT
- Dual Priority Scan
- Single & Multi-Group Scan
- 7-Character Alphanumeric Aliases
- Lighted 13-Segment LCD
- Inverting LCD Display
- 3-Digit Sub-Display
- Function / Status LCD Icons
- Transmit / Busy / Call Alert / Warn LED
- 2 Top Panel PF keys
- 2 Side PF Keys
- Orange Emergency / AUX Key (side)
- 2-Position PF Toggle Switch (top)
- 12-Key DTMF Keypad Models
- 500 mW Speaker Audio
- Companded Audio
- Encryption / ANI Board Control
- Emergency Call Features
- Emergency Man-Down Option

- Two-Tone Decode
- Operator Selectable Tone
- DTMF Encode / Decode
- Time Out Timer
- Busy Channel Lockout
- Low Battery Alert
- Battery Saver
- Weather-sealed ACC Connector
- MIL-Spec Speaker Mic Options
- Windows® Programming & Tuning
- Windows® Firmware Uploading
- Front Panel Test / Tune
- Cloning
- MIL-STD-810 C/D/E/F/G
- MIL-STD "Driven-Rain"
- MSHA Mine Safety Option**
- PA Bureau of Mine Safety Option***

All 90 series portables include:

- Belt Clip
- Universal Connector Cap
- Instruction Manual
- Channel Selector
- Mechanical stop & dressing plate
- Standard Warranty: 2 Years*

* All Accessories / options: 1 Year

Purchase Battery, Charger & Antenna Separately

FleetSync®

- PTT ID Digital ANI
- Emergency Status

--- Must Order **L-1027** for MSHA Intrinsically Safe option ---

**** MSHA Intrinsically Safe Models:** Under U.S. CFR Title 30 Part 23, APPROVAL No. 23-A060002, the TK-290/390 portable radios*** (with or without keypad models) are approved intrinsically safe for use in methane-air mixtures only with only the Kenwood 7.2V KNB-51NC battery pack and the MSHA-certified listed options/accessories. The battery pack should only be charged in fresh air

*** TK-290K/K2 & TK-390K/K4 Only (TK-390K2/K3/K6 are not MSHA approved)

--- PA Bureau of Mine Safety option is also available through the LMR order desk ---

***** PA Mines Intrinsically Safe Models:** Under U.S. CFR Title 30 Part 23, APPROVAL No. 23-A060002, the TK-290/390 portable radios*** (with or without keypad models) are approved intrinsically safe for use in bituminous underground coal mines only with only the Kenwood 7.2V KNB-51NC battery pack and the MSHA-certified listed options/accessories. The battery pack should only be charged in fresh air

*** TK-290K/K2 & TK-390K/K4 Only (TK-390K2/K3/K6 are not Commonwealth of PA approved)

RADIO		LIST
TK-290K	136-174 MHz 5W, 160 Ch. w/dual priority scan [MSHA Intrinsically Safe Option]	788.00
TK-290K2	136-174 MHz 5W, 160 Ch. w/dual priority scan, w/DTMF keypad [MSHA Intrinsically Safe Option]	840.00
TK-390K	450-490 MHz 4W, 160 Ch. w/dual priority scan [MSHA Intrinsically Safe Option]	840.00
TK-390K4	450-490 MHz 4W, 160 Ch. w/dual priority scan, w/DTMF keypad [MSHA Intrinsically Safe Option]	893.00

ANTENNAS		LIST
KRA-14M	VHF helical antenna 148-162 MHz	17.80
KRA-14M2	VHF helical antenna 162-174 MHz	17.80
KRA-14M3	VHF helical antenna 136-150 MHz	17.80
KRA-15AM	UHF whip antenna 450-490 MHz	17.80
KRA-15AM2	UHF whip antenna 470-512 MHz	17.80
KRA-15AM3	UHF whip antenna 403-430 MHz	17.80

ANTENNAS - CONT'D		LIST
KRA-16M	VHF stubby antenna 148-162 MHz	13.70
KRA-16M2	VHF stubby antenna 162-174 MHz	13.70
KRA-16M3	VHF stubby antenna 136-150 MHz	13.70
KRA-17M	UHF stubby antenna 450-490 MHz	13.70
KRA-17M2	UHF stubby antenna 470-512 MHz	13.70
KRA-17M3	UHF stubby antenna 403-430 MHz	13.70
KRA-22M	VHF short helical antenna 148-162 MHz	13.70
KRA-22M2	VHF short helical antenna 162-174 MHz	13.70
KRA-22M3	VHF short helical antenna 136-150 MHz	13.70
KRA-23M	UHF short whip antenna 450-490 MHz	13.70
KRA-23M2	UHF short whip antenna 470-512 MHz	13.70
KRA-23M3	UHF short whip antenna 403-430 MHz	13.70
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-25	High gain VHF helically loaded whip antenna 148-162 MHz	34.25

BATTERIES AND CHARGERS		LIST
KNB-21N	1600 mAh, Ni-MH battery - requires KSC-24 charger	63.00
KNB-22N	2100 mAh, Ni-MH battery - requires KSC-24 charger	73.50
KNB-22NC	2100 mAh, Ni-MH battery - requires KSC-24 charger [Intrinsically Safe Option]	122.50
KNB-51NC	2100 mAh, Ni-MH battery - requires KSC-24 charger [MSHA Intrinsically Safe Option]	114.00
KNB-52N	1400 mAh, Ni-MH battery	67.00
KBP-4	AA Alkaline Refillable Battery Pack (12 AA; 9V) cells not included	43.00
KSC-19	110 volt Regular rate single unit desk charger for KNB-16/17A/17B/52N	36.75
KSC-24	110 volt Rapid rate single unit charger for KNB-14/15/16/17A/17B/20N/21N/22N/22NC/51NC/52N	62.00
KMB-16	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/30 chargers (chargers not included)	173.00
KMB-23	Six Unit Charger Adapter for the KSC-16/20/24/25/25L/32 chargers (chargers not included)	191.00
KVC-3	Vehicular charger adapter for the KSC-15/17/19/25L/30 chargers (chargers not included)	63.00
KVC-4	Vehicular charger adapter for the KSC-16/18/20/24/25 chargers (chargers not included)	84.00
KVC-5A	Vehicular D.C. Charger for 80/90/5400 Portables with NiCd or NiMH Battery	357.00

CARRYING ACCESSORIES		LIST
KBH-10	Spring action belt clip	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-78B	Heavy duty leather carrying case for TK-190/290/390/5400 (Non DTMF keypad models)	44.25
KLH-79B	Heavy duty leather carrying case for TK-290/390/5400 (DTMF keypad models)	44.25

CARRYING ACCESSORIES - CONT'D		LIST
KLH-88	Cordura Nylon carrying case for TK-190/290/390/5400 (Non DTMF keypad models)	26.30
KLH-89	Cordura Nylon carrying case for TK-290/390/5400 (DTMF Keypad models)	26.30
KLH-90	Heavy duty leather carrying case for TK-290/390/5400 (DTMF keypad models w/ KBP-4)	44.25
KLH-137ST	Firemen's Heavy-Duty Leather Shoulder Strap for a Heavy-Duty Leather Case (KLH-75B/76B/78B/79B//92/122/123/133/148/154)	36.75
KLH-141	Extra Heavy-Duty Cordura Nylon carrying case for TK-190/290/390 (all battery packs; no keypad access)	34.75

MICROPHONES & AUDIO ACCESSORIES		LIST
KEP-1	3.5mm earphone kit for KMC-25/26/41M/42WM Speaker Mics [Intrinsically Safe Approved Accessory] [MSHA 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] [MSHA Approved Accessory]	51.50
KEP-4	48" Earphone kit w/ 2.5mm plug for KCT-30 [Intrinsically Safe Approved Accessory]	54.75
KMC-25	MIL-SPEC, Noise canceling Speaker mic [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	96.50
KMC-41M	MIL-SPEC, IP54/55 Noise-canceling Speaker Mic [MSHA Approved Accessory]	96.50
KMC-42WM	MIL-SPEC, IP67 (Immersion) Noise-canceling Speaker Mic [MSHA Approved Accessory] Important Note: Portable radio does not have an IP67 Immersion option; meets MIL STD810 rain standards	114.00
KMC-26	MIL-SPEC, Noise canceling Speaker mic w/Antenna Connector (ant. not incl.) [Intrinsically Safe Approved Accessory] [MSHA Approved Accessory]	115.50
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] [MSHA 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] [MSHA Approved Accessory]	368.00

OPTION MODULES		LIST
KCT-57MS	Man-Down Internal Tilt Switch (Non-Mercury) [Intrinsically Safe Approved Accessory] - Must be Kenwood installed for I.S. Order L-1060 for FleetSync® operations	22.00

SERVICE RELATED ACCESSORIES		LIST
KPG-36UM	USB Programming interface cable	158.50
KPG-38DK	Windows® Programming Software for TK-290/390	68.50
*****	Contact Kenwood Parts for Price and Availability 800-367-7514 on the following:	
E30-3325-05	Portable-to-Portable Cloning cable (For TK-190/290/390/480/481 Only)	---

INSTALLATION / TUNING CHARGES		LIST
L-804	TK-290/390 Programming (with basic TX/RX check)	25.00
L-836	Assemble KMB-16 with six KSC-24's	15.00
L-837	Install KNB-17A/17BK/21N/22N/22NC battery	0.00
L-870	Simultaneous transpond and alert feature up-grade for 90-series mobiles & portables	50.00
L-961	Assemble KMB-23 with six KSC-24/25/32 (Rapid Rate, 120 Volt versions only)	17.00
L-1027	Configure TK-290/390 for MSHA Intrinsically Safe Must order KNB-51NC	70.00
L-1060	80/90 PORTABLE KCT-57MS INSTALLATION (FOR FLEETSYNC)	20.00