

KENWOOD

TK-2402VK/3402UK

Compact VHF/UHF FM 5-Watt Portable Radios

FleetSync®



GENERAL FEATURES

- 5 W (136-174 MHz) VHF
- 5 W (450-520 MHz) UHF
- 16 Channels
- Single Priority / Normal Scan
- Transmit / Busy / Call Alert Scan / Warn LED
- 4-Color LED (Blue/Red/Green/Orange)
- 2 PF Keys
- 1.0 W Speaker Audio
- Enhanced Kenwood Audio
- Companded Audio (per CH)
- Voice Annunciation
- VOX Ready
- Voice Inversion Scrambler Built-in
- 16 Scrambler Codes (per CH)
- Emergency Call Features
- Lone Worker Alert (per CH)
- QT / DQT
- Two-Tone Decode¹
- Single / Two-Tone Encode¹
- DTMF Encode / Decode²
- Special Alert Tone Pattern³
- Time Out Timer
- Busy Channel Lockout
- Low Battery Warning
- Battery Saver

- Windows® Programming & Tuning⁴
- Wireless Cloning
- Password Protection
- MIL-STD-810 C/D/E/F/G
- IP-54/55 Water & Dust Intrusion

FleetSync®

- PTT ID Digital ANI
- Selective Call & Group Call⁵
- Paging Call
- Emergency Status
- Send GPS Data (KMC-48GPS)

MDC-1200

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

ACCESSORIES INCLUDED

- KNB-45L Li-ion Battery
- KSC-35K 3-Hour Fast Charger
- KBH-10 Spring Action Belt Clip
- Removable Antenna

Options

KNB-29N
Ni-MH Battery Pack
(1,500mAh)



KNB-45L
2,000mAh/7.4V
Li-Ion Battery Pack

KSC-35SK
Fast Charger
For the KNB-45L (3-Hour)



KSC-43K
Dual Chemistry Fast Charger
For the KNB-29N/45L



KVC-22
DC Vehicular
Charger Adapter



KRA-41
VHF Stubby Antenna



KRA-42
UHF Stubby Antenna

KRA-22
VHF Low Profile
Helical Antenna



KRA-23
UHF Low Profile
Helical Antenna



KRA-26
VHF Helical Antenna



KRA-27
UHF Whip Antenna



KMC-45
Speaker Microphone



KMC-21
Compact Speaker
Microphone



KEP-2
Earphone Kit for
KMC-45
(2.5mm plug)



KHS-7
Single Muff Headset



KHS-7A
Single Muff Headset
with In-line PTT



KHS-8BL
2-wire Palm Mic
with Earphone (Black)



KHS-9BL
3-wire Lapel Mic
with Earphone (Black)



KHS-22
Behind-the-head
Headset with PTT



KHS-23
2-wire Palm Mic



KHS-25
D-Ring Ear Hanger
with PTT & Boom Mic



KHS-26
Earbud In-line
PTT Headset



KHS-27
D-Ring In-line
PTT Headset



KHS-31
C-Ring PTT Ear
Hanger Headset



KMB-28
Six Unit Charger
Adapter (for six
KSC-35SK chargers
(chargers not included)



KBH-10
Belt Clip



KLH-187
Nylon Case



All accessories and options may not be available in all markets.
Contact an authorized Kenwood dealer for details and complete list of all accessories and options.

Specifications

Model	TK-2402VK	TK-3402UK
GENERAL		
Frequency Range	136-174 MHz	450-520 MHz
Number of Channels	16	
Channel Spacing	Wide/Narrow	
Operating Voltage	25 kHz*/12.5 kHz	
Battery Life (5-5-90 during hi-power battery saver: OFF/ON)	7.5V DC±20%	
with KNB-45L (2000mAh)	More than 12 / 18 hours	
Operating Temperature Range**	-22°F ~ +140°F (-30°C ~ +60°C)	
Frequency Stability	±2.5 ppm (-30°C ~ +60°C)	
Antenna Impedance	50 Ω	
Dimensions (W x H x D), Projections not included	with KNB-45L 2.13 x 4.8 x 1.32 inch (54 x 122 x 33.7 mm)	
Weight (Net)	Radio Only 5.8oz (165g)	
with KNB-45L	9.9oz (281g)	
FCC ID	ALH434900	ALH435000

*25kHz is not for sale in the USA or US territories.

** -14°F ~ +140°F (-10°C ~ +60°C) When KNB-29N/45L is in use

Specifications are subject to change without notice, due to advancements in technology.

FleetSync® is a registered trademark of JVCENWOOD Corporation.

Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.

Model	TK-2402VK	TK-3402UK
RECEIVER (Measurements made per TIA/EIA-603)		
Sensitivity (12dB SINAD)	Wide/Narrow 0.25µV/0.28µV	
Selectivity	Wide/Narrow 70dB/60dB	
Intermodulation Distortion	Wide/Narrow 70dB/60dB	
Spurious Response	70 dB	
Audio Distortion	less than 10% distortion	
Audio Output	1 W / 12 Ω (Internal Speaker) 500mW / 8 Ω (External Speaker)	
TRANSMITTER (Measurements made per TIA/EIA-603)		
RF Power Output	High/Low 5W/1W	
Spurious Response	70 dB	
FM Hum & Noise	Wide/Narrow 45/40dB	
Audio Distortion	Less than 5%	
Type of Emission	Wide/Narrow 16K0F3E*/11K0F3E	

Footnotes from front:

- Two-Tone Decode (3 sets x2 pairs each); Single / Two-Tone Encode (1 tone).
- DTMF Encode: PTT ID, Emergency ANI, Auto-Dial (8 numbers); DTMF Decode: Selective Call (10-digit ID Code, Group Codes; A, B, C, D, & Wild Card characters), and Radio Stun.
- Special Alert Tone Pattern operates for 2-Tone, DTMF, FleetSync® selective call decode.
- KPG-159DN required: Windows®XP / Vista / 7 compatible.
- ID List capacity: 8 ID's; 10 Group ID's; Status 1 & 2 (10-99).

Applicable MIL-STD & IP

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures	MIL 810G Methods/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II	500.5/Procedure I, II
High Temperature	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II	501.5/Procedure I, II
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II	502.5/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II	503.5/Procedure I
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I	505.5/Procedure I
Rain	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III	506.5/Procedure I, III
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4	507.5/Procedure II
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4	509.5
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III	510.5/Procedure I
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I	514.6/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV	516.6/Procedure I, IV
International Protection Standard					
Dust & Water Protection	IP54/55*				

*To meet IP54/55, the 2-pin connector cover has to be connected on the radio or the locking bracket has to be attached to the KMC-45 external speaker microphone.

KENWOOD

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JVCENWOOD Corporation

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