

**Compact VHF/UHF FM 5-WATT Radios**

**TK-2407/3407**

**KENWOOD's TK-2407/3407 portable radios deliver professional performance, enhanced features such as scan,**

**built-in VOX, a long battery life, as well as a sleek design. Offering 5 watts of power and MIL-STD810 & IP54/55**

**weatherproofing, these portables have been expertly engineered to perform in the toughest of environments.**

**COMPACT DESIGN**

The rounded contours of the TK-2407/3407 provide

a superbly comfortable grip, while the non-slip

elastomer channel knob with improved torque

characteristics and an enlarged PTT button ensure

positive tactile response during operation.

**TOUGH & WATER RESISTANT**

Built to perform in the toughest environments, the

TK-2407/3407 has passed the demanding IP54/55

dust and water intrusion tests – both with and

without an optional speaker microphone. It also

meets or exceeds 11 stringent MIL-STD 810 C/D/E/F/G

environmental standards, including “driven rain”.

**ENHANCED AUDIO QUALITY**

As an experienced audio specialist, KENWOOD has drawn

on decades of expertise to ensure that the sound

quality of TK-2407/3407 is undeniably clearer and crisper,

as well as loud – thanks to the 36mm-diameter speaker,

which delivers up to 1 watt audio output.

**ULTIMATE PERFORMANCE**

Output Power is 5W for both VHF (TK-2407) and

UHF (TK-3407). Additionally, the UHF frequency

coverage on the TK-3407 is 70MHz.

**MULTIPLE SIGNALING**

• QT / DQT / DTMF • FleetSync

®

PTT ID, SelCall

• 2-tone

(encode/decode) • 5-tone (encode/decode)\*

• Built-in MDC-1200 signaling

FleetSync

®

and MDC-1200 signaling can be

independently selected for each zone. Switching is

as simple as changing zones.

\*Feature available

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**CHANNELS**

The TK-2407/3407 provides ample capacity for

operating with multiple channels or radio systems,

as well as a Channel Stopper option to provide

guidance in selecting the intended channel.

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**PROGRAMMABLE FUNCTION KEYS**

Both PF Keys can be programmed for any of the

many functions available, permitting customization

to suit your specific requirements. Either key can

also be programmed for an Emergency function.

**LONE WORKER**

This ingenious feature provides an extra layer of

security for individuals who work in remote or

hazardous areas. As long as the buttons are pressed

regularly, the radio operates normally. However, if

there is a long lapse (programmable), it will sound

an alert. And if the user does not respond to the

alert, the TK-2407/3407 will place an emergency call

to a predetermined person or group.

**RADIO STUN**

This function disables a lost or stolen radio over the

air, eliminating security risks.

**INDEPENDENT SETTINGS PER CHANNEL**

**(**

**VOX, COMPANDER, SCRAMBLER**

**)**

Radio channels can be programmed independently

for VOX, scrambler and compander functions. This

means a user can switch a function on or off simply

by changing channels (on the same frequency).

**BUILT-IN VOICE SCRAMBLER**

**\***

This feature provides basic protection against casual

eavesdropping. Up to 16 of 2097 possible inversion

frequencies can be chosen and assigned to any

channel.

\*This function cannot be used in certain countries. Please contact

your KENWOOD dealer or further information.

**GPS CONNECTIVITY**

The KMC-48GPS Speaker Microphone provides an

option for GPS tracking.

**OTHER FEATURES**

• Priority Scan • Voice Annunciation • Password

Protection • Talk Around • Busy Channel Lockout

• Key Lock • 4-color LEDs (blue, red, orange, green)

• Scan Del/Add • Wireless Cloning • KENWOOD ESN

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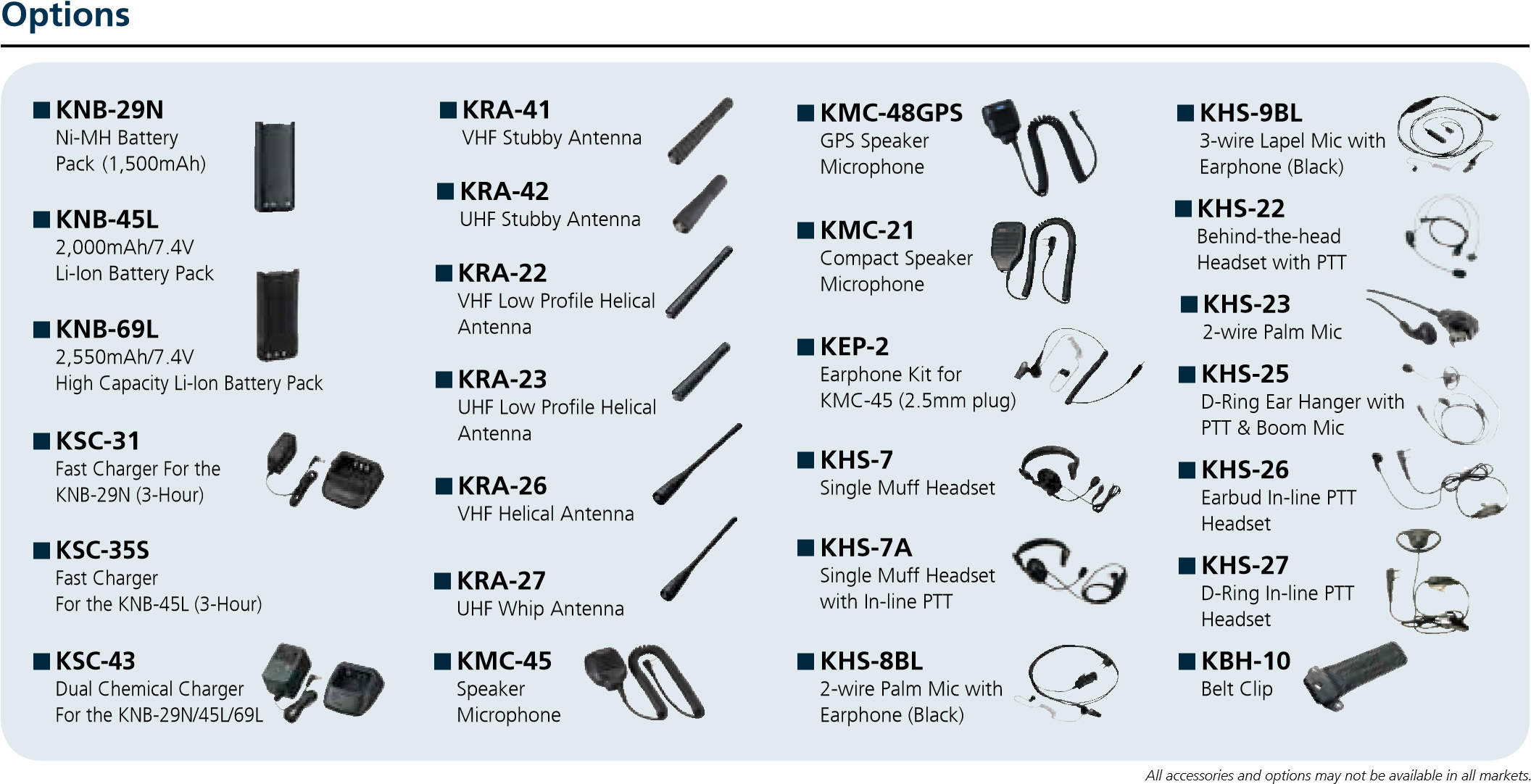
Electronic Serial Number) • Adjustable Microphone

Gain (by FPU): High or Normal • Microsoft

Windows

®

PC Programming & Tuning

**Specifications** *Contact an authorized KENWOOD dealer for details and complete list of all accessories and options.*

**MODEL**

**TK-2407**

**TK-3407**

**GENERAL**

**MODEL**

**TK-2407**

**TK-3407**

**RECEIVER (Measurements made per TIA/EIA-603)**

|  |  |  |
| --- | --- | --- |
| M | 136-174MHz | 450-520MHz |
| M2  Number of Channels  Channel Spacing |  | 400-470MHz |
| 16ch | |
|  | |
| Wide / Narrow  Operating Voltage  Battery Life (5-5-90, battery saver OFF) | 25kHz / 12.5kHz | |
| 7.5V DC ± 20% | |
|  | |
| KNB-45L | More than 12 hours | |
| KNB-29N | More than 9 hours | |
| KNB-69L  Operating Temperature Range\*  Frequency Stability  Antenna Impedance  Dimensions (W x H x D), Weight | More than 16 hours | |
| -30°C ~ +60°C | |
| ± 2.5 ppm (-30°C ~ +60°C) | |
| 50 Ω | |
|  | |
| Radio only | 54 x 122 x 33.7mm, 165g | |
| with KNB-45L | 54 x 122 x 33.7mm, 281g | |
| with KNB-29N | 54 x 122 x 33.7mm, 365g | |
| with KNB-69L | 54 x 122 x 37.8mm, 305g | |

Frequency Range Sensitivity (12dB SINAD)

|  |  |
| --- | --- |
| Wide / Narrow  Adjacent CH Selectivity | 0.25 µV / 0.28µV |
|  |
| Wide / Narrow  Intermodulation Distortion | 70 dB / 60dB |
|  |
| Wide / Narrow  Spurious Response  Audio Distortion | 70 dB / 60dB |
| 70 dB |
| Less than 10% |

Audio Output 1 W / 12Ω (Internal Speaker )

500

mW / 8Ω (External Output

)

**TRANSMITTER (Measurements made per TIA/EIA-603)**

RF Power Output

5

/ 1W

Spurious Response

70

dB

FM Hum & Noise

Wide / Narrow

45

dB / 40dB

Audio Distortion

Less than 5%

Modulation (Wide / Narrow)

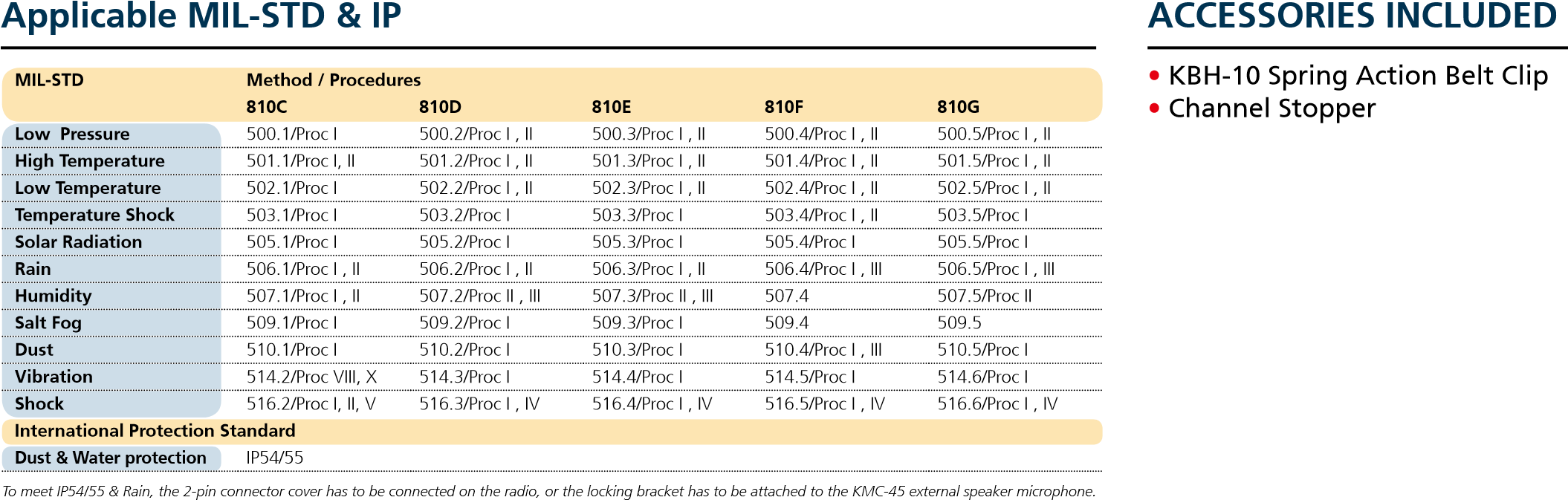
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K0F3E, 11K0F3E

*Specifications shown are typical.*

*Specifications are subject to change without notice, due to advancements in technology. FleetSync® is a registered trademark of JVC KENWOOD Corporation.*

*\*Operating temperature range of the KNB-29N/45L/69L: -10°C ~ +60°C Windows® is a registered trademark of Microsoft Corporation in the United States and other countries.*





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