TK-7360HV/8360HU
Compact VHF/UHF FM Mobile Radios

GENERAL FEATURES

- Operator Selectable Tone
- Two-Tone Decode
- Single & Two-Tone Encode
- DTMF Encode / Decode
- Special Alert Tone Patterns
- Busy Channel Lockout
- Time Out Timer
- Timed Power Off
- DB15 Accessory Interface
- 8 Programmable I/O Ports
- Ignition Sense
- Public Address / Horn Alert Output
- MIL-Spec Standard Mic
- MIL-Spec 12-Key DTMF Mic Option
- Windows® Programming & Tuning
- Easy Option Ports (26-pin)
- Cloning
- Voice Guide & Storage (Option)
- MIL-STD-810 C/D/E/F/G
- IPS4 Water & Dust Intrusion

FleetSync®/II (FM)

- PTT ID Digital ANI
- Selective Call & Group Call
- Paging Call
- Status Messaging
- Emergency Status
- Caller ID Display
- Input / Output Status Messages
- FleetSync® GPS Ready
- Send GPS PF Key
- PTT ID & Emergency GPS Reporting
- GPS Auto Reporting

MDC-1200

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

- KMC-35 Microphone (Supplied)
- KMC-36 Microphone with Keypad
- KES-3 External Speaker
- KES-5 External Speaker (requires KCT-60 option)
- KLT-2 Line Filter
- KCT-60 DB 15-to-15 Pin Molex Adapter Cable
- KES-3 External Speaker
- KMB-10 Key Lock Adapter
- KCT-36 3m Extension Cable (for KCT-60)

Specifications

Model | TK-7360HV | TK-8360HU
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GENERAL | | |
Frequency Range | 136~174 MHz | 450~520 MHz
Number of Channels | | |
Zone | Max. 128 per Radio | |
Channel | Max. 128 per Zone | |
Channel Spacing | Wide 25 kHz | 25 kHz
| Narrow 12.5 kHz | 12.5 kHz
Operating Voltage | 13.6 V DC ±15 % | |
Current Drain | Standby 0.4 A | 0.4 A
| Receive 1.0 A | 1.0 A
| Transmit 14.0 A | 14.0 A
Operating Temperature Range | -22 °F ~ +140 °F (-30 °C ~ +60 °C) | |
Frequency Stability | ±2.5 ppm | (Wide: 0.28 µV, Narrow: 0.35 µV)
Antenna Impedance | 50 Ω | |
Channel Frequency Spread | 38 MHz | 70 MHz
Dimensions (W x H x D) | 6.3” x 1.7” x 5.4” | |
Projections not included | (160 mm x 43 mm x 137 mm) | |
Weight (net) | 2.6 lbs. (1.18 kg) | |
FCC ID | K44415401 | K44415502

RECEIVER (Measurements made per EIA/TIA-603)
Sensitivity (12 dB SINA D) | Wide 0.28 µV | 75 dB
| Narrow 0.35 µV | 65 dB
Selectivity | Wide 75 dB | 70 dB
| Narrow 55 dB | 65 dB
Intermodulation Distortion | Wide 75 dB | 70 dB
Spurious Response | 75 dB | 70 dB
Audio Output | (4 Ω Impedance) 4 W with less than 5 % distortion | |

TRANSMITTER (Measurements made per EIA/TIA-603)
RF Output Power | 5 W / 25 W / 50 W | 5 W / 25 W / 45 W
| | | |
Spurious Response | 70 dB | |
Type of Emission | Wide 16K0F3E | 11K0F3E
| Narrow 16K0F3E | 11K0F3E
FM Hum & Noise | Wide 45 dB | 40 dB
| Narrow 45 dB | 40 dB
Microphone Impedance | 600 Ω | |
Audio Distortion | Wide 3 % | 5 %
| Narrow 6 % | 5 %

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.

Applicable MIL-STD & IP

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International Protection Standard

| Dust & Water Protection | IP54: Radio itself |

*1: Necessary conditions are: (1) KMC-35/36 microphone is connected; (2) cap is installed on speaker connector; (3) cover is installed on D-sub 15-pin connector; and (4) neither KCT cable nor SP cable is connected.

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