

KENWOOD

regioNet FLEET WIRELESS RADIO

TK-715

The Kenwood Connection — Your key to Swift, Sure Communications

Combine today's advanced regioNet FLEET WIRELESS systems with Kenwood's new TK-715 mobile. This compact, lightweight unit will increase the efficiency of your business with swift, reliable communications between your office and sales, service or delivery fleets. Easy to operate, the TK-715 is packed with sophisticated features: individual, group, and conference calls, one-touch dialing, call memory, and more. Kenwood and regioNet give you the flexibility to expand or change your system. Keep it simple, or add telephone interconnect and data transmission capabilities. Whatever your requirements are, count on Kenwood for rugged, reliable communications equipment.

Calling Flexibility

This mobile is compatible with regioNet Fleet Wireless giving you individual, group, and conference call capabilities. Optional telephone interconnect offers PSTN calling to the public telephone network or PABX access to your company's in-house phone system.

Simplicity and Convenience

The TK-715 features large, easy-to-use rotary dials and a clear, eight-character alphanumeric display. The panel shows the unit's call number as soon as it is turned on, provides clear messages during call set-up, and identifies the caller when a call comes in. It also shows a count-down of the remaining talk time available.



If the driver leaves the vehicle, or is too busy to take a call, the TK-715 can store the caller's identity in its call stack — up to nine calls. When it is convenient, the driver can just check the called in absence stack to find who has called.

Data Transmission Capability

Data transmission at 1,200 baud opens up a world of possibilities: bar-code data for cargo tracking or inventory control, global positioning satellite (GPS) fleet location, delivery and order information, and transmission of addresses or directions. (Requires optional KPG-19 RS-232C lead.)

Compact but Rugged

The TK-715 is compact, lightweight, and easy to mount in just about any vehicle. It features rugged construction, with heavy-duty die-cast chassis and heatsink, for years of dependable service.

Simple Fleet Management

The TK-715 automatically transmits 30 different status codes to keep the dispatcher and others in your network informed, for example, when a driver is on a break, off duty, or ready for a new assignment. This makes it easier than ever to manage your field personnel.

And More ...

Call in Absence can store up to nine individual calls.

Time-Out Alarm sounds when you are about to exceed your talk time.

Advanced Circuitry protects the memory even if the radio is switched off.

Abbreviated Calling for one-touch dialing of frequently called units.

PSTN Longform up to 15 digits allows PSTN calls to only four pre-set numbers, preventing unauthorized calls and keeping costs down.

Packet Data hardware and software are built in to allow transmission of up to 1,600 characters of data on the traffic channel.



Options



Specifications

	TK-715
GENERAL	
Frequency range	RX: 217 ~ 218 MHz TX: 219 ~ 220 MHz
Channel spacing	12.5 kHz
Input voltage	13.6 V DC negative ground
Current drain	On standby: 0.6 A On receive: 0.7 A
Duty cycle	Receiver: 100% Transmitter: 20%
Operating temperature range	-22° F ~ +140° F
Dimensions (W x H x D)	5.51 x 1.58 x 5.25 inches
Weight (net)	1.98 lbs.

	TK-715
RECEIVER (Measurements made per EIA/TIA-316-C standard)	
RF input impedance	50 Ω
Sensitivity	EA12 dB SINAD 20 dB Quieting
	0.2 μV 0.3 μV
Selectivity	-70 dB
Intermodulation distortion	-70 dB
Spurious & image rejection	-90 dB
Audio power output	4 W at 4 Ω less than 5% distortion
Frequency stability	±0.0005% (-22° F ~ +140° F)
TRANSMITTER (Measurements made per EIA/TIA-316-C standard)	
RF power output	10 W
RF output impedance	50Ω
Spurious & harmonics	-70 dB
Modulation	F3E, ±2.5 kHz for 100% at 1000 Hz
FM noise	-45 dB
Microphone impedance	Low impedance
Audio distortion	3% at 1000 Hz
Frequency stability	±0.0005% (-22° F ~ +140° F)

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.



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