TK-480/481 – Your Direct Line to Top Performance

Kenwood’s new TK-480/481 6 W & 900 MHz compact portables

Trunked Format and FlexScan™ Digital Messaging & Signaling, sufficient to be an integral part of any radio system. What’s more, the rugged ergonomic design and world-famous Kenwood quality combine to make this high-performance unit perfect for today’s demanding applications.

VERTRUNKED™ FEATURES

Trunked Format provides both programmable LTR™ trunked and conventional system partitions within the radio’s operation on multiple systems. LTR trunking systems automatically provide communications on any available channel within a pool of channels on each system. The Kenwood TK-480/481 features all traditional LTR™ trunking functions such as System Scan & Group Scan for multiple system/trunk group calling, Privacy On, Transmit inhibit and Descode ID Block for designation and control of calling. Conventional system partitions are programmable for multiple channels. Privacy calling provides an option when receiving a call on another non-privacy channel.

LARGE CHANNEL CAPACITY

The TK-480/481 features the call for large systems, multiple systems and groups and setup with the large 32 System/72 Groups (2000 channels maximum) capacity. The Flash memory means updates and information can be easily loaded into the radio.

MULTIPLE SCAN FUNCTIONS

Trunked format operation offers system and group scan to permit monitoring of calls on multiple systems and multiple talk groups per system. Priority scanning is available within pre-programmed conventional systems.

DTR SIGNALING & DIALING FEATURES

DTRP lefts format allows manual FlexScan™ encoding for selective calling, system access, remote control applications and access to automatic dialing features such as the auto-dial memory for telephone interconnect and integrated radio-PABX systems.

FlexScan™ – DIGITAL MESSAGING & SIGNALLING “BASIC”

Encryption control provides a cost-effective full-featured identification, selective calling, and lone worker (Low Battery Alert) system for dispatch operations. Each radio can have an ID comprised of a Call and Unit number which is used for all FlexScan™ signaling and data messaging (250/400 units per radio, allowing flexibility in large and multiple system operations to share the same radio systems).

PTT ID: a digital AID (Automatic Identifier) number which can be set on each PTT using the FlexScan™ ID. An associated alphanumeric name can be displayed on an SSK base mobile radio (CDI-enabled radio), a base station decoder or an associated call (software). Personal ID numbers are clearly visible during mission critical tasks so the dispatched operator can immediately slide to talking for efficiency and not wait on a call.

KMC-25 Speaker Microphone: The KMC-25 speaker microphone offers a simple and quick way to select channels and monitor channels. The KMC-25 speaker microphone is a high-quality two-way microphone that offers quick activation and is easy to use. The orange PF key is ideally positioned for quick activation of the microphone. Channel select, monitor and high/low power can be activated and/or monitored by pressing the orange PF key.


caller ID*:a caller in the radio’s LCD. This is available for fleet portables and mobiles as well as base stations.

caller ID Scan*: Involves a call with the common three most recently received PTT ID call name and review, allowing a user to check missed voice calls.

Emergency ID Capacity (ESP): allows a base station radio to set up to 100 local fleet radio by sending to each FlexScan™ Select Call and Status Messages. Fleets can display up to 100 caller names using PTT ID's. Callers (Call ID-enabled Select Call, Status, and Test Messages).

Emergency Status Message List (EMS) (provides up to 50 programmed character alphanumeric messages permitting a base to send a variety of job task messages. Radio can display and/or verify with emergency messages. Additionally, stored special reserved Emergency, Emergency call-on-air, Emergency Signal ON, Alert Messages (radio) and Radio Status indications/characteristics status are provided.

EMERGENCY SIGNALING & CALLING

The TK-480/481 Enhanced option extends the FlexScan™ – BAsic feature set to include system Select Call Messaging, Select Call Confirmation, Emergency ID, Status Monitor, Encryption, Low Battery Alert, Emergency Power Down, Emergency Idle, and Emergency Message Operation (EMO). Additionally, the TK-480/481 Enhanced also includes new FlexScan™ Enhanced features such as additional message options including duplex messaging, emergency messaging, signaling to dispatchers, and the ability to send and receive messages.

CALLER ID* (KMC-25 Speaker Microphone): for Flexible operation within the TK-480/481. The recessed orange PF key and/or an optional tilt switch can be used to trigger an emergency call. The optional tilt switch can be used to trigger an emergency call.

INTEGRAL SECURITY

ENCRYPTED DTMF

The TK-480/481 Enhanced includes new encryption options for increased security. This includes encryption of all DTMF signaling, signaling to dispatchers, and the ability to send and receive messages.

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Encryption Control: Provides additional security via software encryption/wireless encryption. Additionally, hardware encryption can be added via the on-board encryption device. Software encryption is available on the TK-480/481 Enhanced.

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FleetSync™ Enhanced option extends the FlexScan™ – BAsic feature set to include system Select Call Messaging, Select Call Confirmation, Emergency ID, Status Monitor, Encryption, Low Battery Alert, Emergency Power Down, Emergency Idle, and Emergency Message Operation (EMO). Additionally, the TK-480/481 Enhanced also includes new FlexScan™ Enhanced features such as additional message options including duplex messaging, emergency messaging, signaling to dispatchers, and the ability to send and receive messages.

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