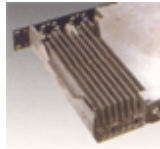


KENWOOD

UHF FM Repeater

TKR-830



Kenwood's new TKR-830 UHF repeater raises the performance and reliability bar again - combining low-profile design with rugged construction, computer-based configuration, and a 100% duty cycle.



DIE-CAST CHASSIS

The die-cast aluminum chassis with integrated heat sink is the key to the TKR-830's durability, service level and light weight. The entire unit is sealed to provide long-term protection even in the most abusive environmental conditions.

32 PRESET CHANNELS

There are no crystallizing or complicated programming chores with the TKR-830. The 32 channels are built-in and preset, selectable from a remote control utilizing the D-SUB25 interface or internal DIP switch.

FLASH MEMORY ADVANTAGE

There is both a main and a reserve flash ROM memory cache to accommodate future upgrades and enhancements.

2-DIGIT NUMERIC LED DISPLAY

The 2-digit numeric LED on the front panel displays channel number and operational status information, such as an "unlocked" error.

LED INDICATORS

The LED indicator lights provide clear system status information at a glance, including transmit, receive, external standard input and power. If the transmitter or receiver becomes unlocked, the LEOs flash for quick problem assessment.

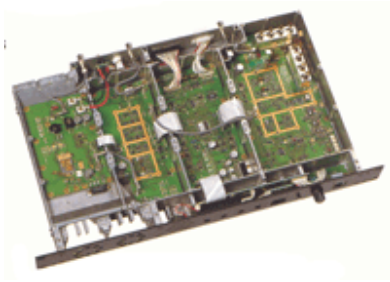
WIDE/NARROW CHANNEL BANDWIDTH

The TKR-830 can handle both existing wide band systems and emerging narrow band applications for flexibility and long term viability. The bottom line is your investment is maximized over time.

PC PROGRAMMING AND TUNING

The repeater can be programmed quickly and efficiently, without ever opening the case, with the PC connector, KPG-470 software, the KPG-46 cable and any PC-compatible computer.

Following are the radio parameters available for programming:



- ? Squelch (Analog/RSSI).
- ? Signaling balance.
- ? Maximum deviation.
- ? Signaling deviation (TO).
- ? RF output.
- ? RX audio signal output (RA).
- ? RX detector signal output (RO).
- ? TX audio input (TA).

EXTERNAL REFERENCE INPUT

The internal oscillator already provides an excellent :t 1.5ppm stability figure, but for more demanding applications you can add the external oscillator standard to obtain a much higher stability factor. The "REF" LED on the front panel changes from green to red when the external signal is applied.

LOCAL SPEAKER & MICROPHONE/TEST SWITCH

The built-in front panel speaker provides excellent audio and can be volume-controlled or switched off for maintenance operations. The TEST switch allows you to activate the transmitter without a microphone, or you may use the supplied mic for transmitting audio.

LOGIC INTERFACE

The D-SUB25 connector provides a logic interface for external controllers to enable customization and integration with other features and capabilities. There is also an I/O connector for testing purposes.