

COTEL UK RENTAL

WIRELESS COMMUNICATIONS FOR BUSINESS

Local • Regional • National • Global

CUSTOMER CARE: 08000 - 960 - 970 WWW.COTELTELECOM.CO.UK

COTEL "CONNECT" HYBRID PMR/PTTOC RADIO

PMR

x

PTToC



Hybrid Handheld IP Radio for
Local & Nationwide Communications





Large-scale disaster



When network congestion occurs

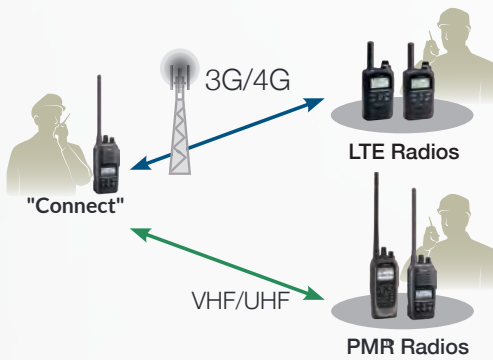


Remote, mountainous areas

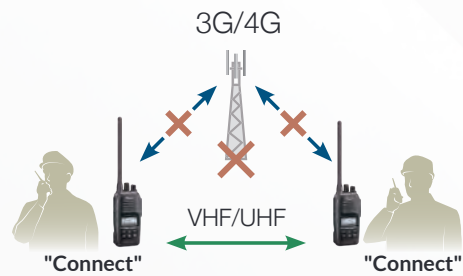
Dual Mode

The new "Connect" series can receive both communications from an LTE radio group and an Analogue/Digital group at a time (audio mixed). You can press either the main PTT for LTE or the sub PTT button for Analogue/Digital channels to answer in accordance with pre-programming. If necessary, you can press the main and sub PTT buttons to address two groups at the same time.

Expand an existing radio system with an LTE network



Communication redundancy, when network congestion occurs or network service is temporarily unavailable



Bridge Function

The Bridge function* relays received PMR digital audio to the LTE radio group, while transferring the LTE radio conversations to the PMR group. This function is useful when communicating outside of the LTE service coverage area with a PMR radio, or temporary cross band connection between two radio groups using different frequencies or channels. (Not available in Analogue mode).

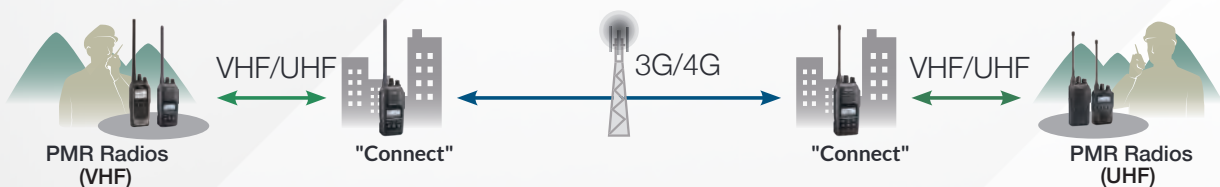
* When using the Bridge function, operating time will be shorter and output power of the radio is reduced to 1W.

The Bridge function may be prohibited in some countries. Please check the legal requirements in your country before using this function.

PMR Group ↔ Bridge ↔ LTE Group



VHF ↔ Bridge ↔ Bridge ↔ UHF



Innovative LTE Radios with Licensed Professional Radio Mode for Increased Capacity and Coverage

The new Cotel "Connect" is a dual mode "hybrid" radios that provides nationwide coverage over LTE networks and conventional VHF/UHF professional radio mode (digital/analogue mode).

HYBRID
LTE X IDAS



HYBRID IP TRANSCEIVERS

LTE Mode

LTE mode provides secure private push-to-talk communication over an LTE (4G) and 3G network*. The cellular network provides coverage into building basements or high-rise floors where conventional radio systems may not reach.

*Network coverage provided by a custom SIM card. Service availability depends on the country.



* IP500APP (iOS/Android application) required.

IDAS™ Mode

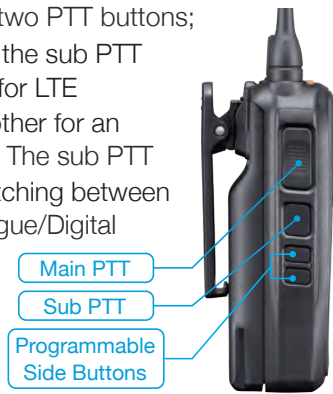
IDAS™ digital mode is a conventional VHF/UHF radio mode using licensed professional radio channels. It also provides Individual, Group and All calls with PTT operation. When operating in remote, mountainous areas, 4G/3G networks may not be available. Conventional VHF/UHF communications provide a stable, local alternative.

IDAS™
ICOM DIGITAL ADVANCED SYSTEM



Sub PTT Button for Dual Mode Operation

The "Connect" series has two PTT buttons; the main PTT button and the sub PTT button. You can use one for LTE communication and the other for an Analogue/Digital channel. The sub PTT button offers smooth switching between talking on LTE and Analogue/Digital channels.



Full-Duplex Communication in LTE Mode

The "Connect" series provides full-duplex operation in LTE mode. This allows users to talk and receive at the same time, much like a telephone conversation.

1500 mW Powerful Audio

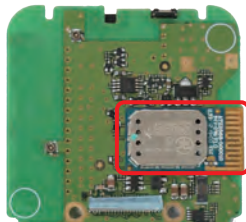
The internal high-power capacity speaker delivers a loud 1500 mW audio output with improved acoustic sound clarity for noisy environments.

* Typical at 10% distortion.



Built-in Bluetooth® Technology

Built-in Bluetooth® capability provides wireless operation with a Bluetooth accessory. The optional Bluetooth® headset has PTT and programmable buttons.



Bluetooth® Unit

GPS Data Transmission Capability

The "Connect" series has a built-in GPS receiver that can automatically transmit position data at programmed intervals*. (LTE mode only)

* GPS mapping software is required separately. (Mapping software availability may vary by region.)

IP67 Waterproof and Dust-Tight Specification

The "Connect" series is durable enough to endure water pressure under 1- meter depth for 30 minutes, and has dust-tight protection. The radio meets MIL-STD-810 specifications.



Emergency Call Features

By holding down the orange emergency button, users can transmit an emergency call.

In addition, the radio has three emergency related functions: Man Down, Lone Worker and Motion/Stationary Detection functions. If one of these functions is activated, the radio automatically transmits emergency signals to alert your controller or dispatcher of any potential trouble.

(Common to LTE and PMR mode)



Emergency button

Digital Voice Recording/Playback

The "Connect" series can record incoming calls of up to 4 minutes, or a maximum of 10 messages, and the user can check recorded communications.

RoIP Gateway to Link to Other Systems

With the RoIP gateway, the "Connect" series can interconnect with an IP phone and various radio systems including WLAN radio, satellite PTT, LTE, digital and analogue radios.



Gateway



Communication Links