

# What is the ICOM LTE Radio System?

ICOM's new IP501H is an LTE radio that enables two-way radio style communication with the ease and convenience of PTT (Push-To-Talk) operation, over our nationwide 4G/LTE and 3G networks. This is an alternative to traditional PMR radio, as it enables users to have telephone-style conversations, including full duplex and without having to invest in a costly radio network infrastructure.

## What is an IP501H transceiver?

The IP501H transceiver is a radio terminal that provides wide area communication using 4G/LTE and 3G networks. It allows you to make individual and group calls in the same manner as a conventional two-way radio.

## What is involved in the installation of an ICOM LTE Radio System?

It's simple, just purchase the IP501H and sign up to a SIM & server contract running over two or three years. We will then set up the SIM and terminal to your preference. The radios will then be despatched to you... when you receive them, you are ready to go!

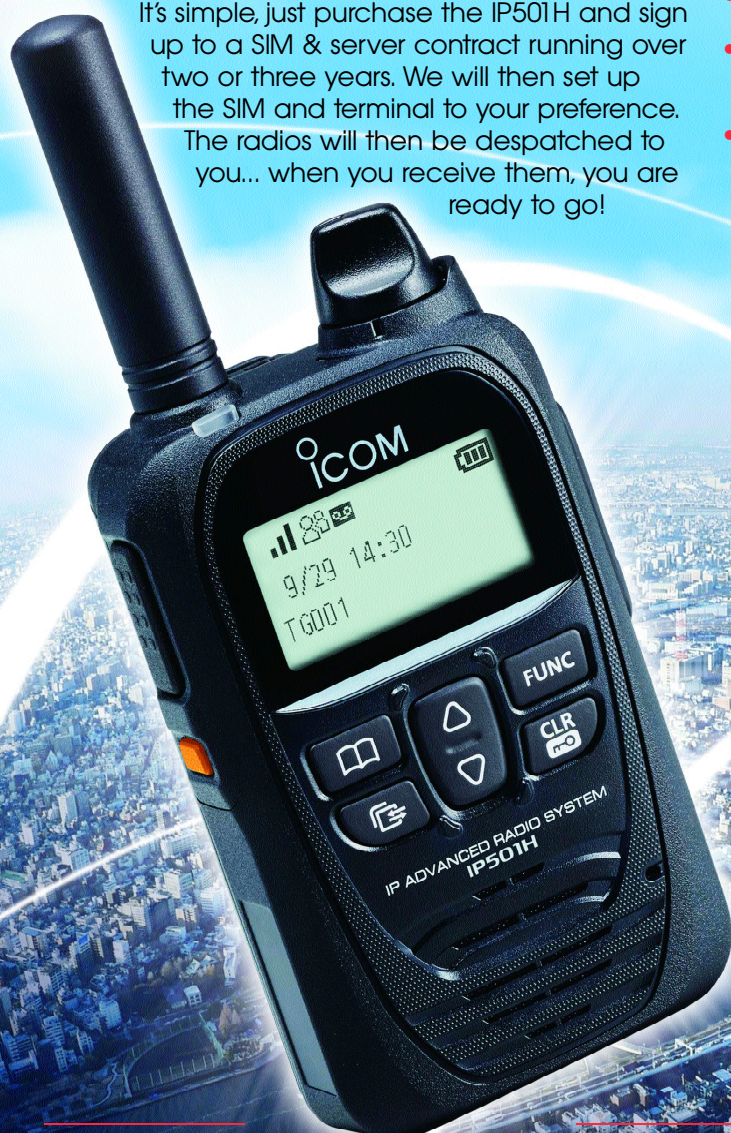
## Does the IP501H require a SIM card?

Yes, the IP501H does require a SIM card, but because the IP501H provides other features, like an Emergency button, Man-down and Lone-worker functions, it is a custom SIM, different from your regular smartphone or tablet type. These extra features are ideal for work environments where employees are working independently and need to be in contact constantly by voice or in the case of emergency.

The IP 501H SIM card will not work in any other device and a phone SIM card will not work in an IP501H.

## What are the advantages of the ICOM LTE Radio System?

- Closed private and secure network.
- Fixed low monthly cost.
- Distance is no longer an obstacle.
- No need to budget for future infrastructure upgrades.
- Individual, Group or All Call options available.





## Is this just a mobile phone?

No. The IP501H is not a mobile phone. It is a push-to-talk two-way radio terminal that works over 4G/LTE/3G networks. The unit is designed to be used for commercial environments where you need to talk to one or more parties straight away. There is no need to dial a number as you push to speak directly to the other person or people in the group. It is designed to withstand rough environments and meets tough IP67 standards. If you have any other questions, do not hesitate to ask.

## What advantages does the IP501H have over the traditional radio?

The advantages of the IP501H are:

- Compact size and IP67 waterproof and dustproof rated.
- All functions are similar to traditional radio devices, allowing you to learn the functions quickly.
- Secure communication with no need for investment in a private radio network or licence.
- Health and safety features include: Emergency button, Man-down function and Lone-worker.
- Pre-defined text message capability.
- Over the air programming.

## What is the cost in setting up an IP501H network and does it need a repeater?



Unlike traditional radio, there are no requirements for infrastructure investment. No need to invest in repeaters, cabling, and radio programming. Once set up by your dealer, getting started is as simple as turning on the unit and starting the call by pushing the PTT (push-to-talk) button!

## Where is the server located that manages the network?

Our server is based in a secure location in the UK. We've worked diligently to make sure that the highest level of encryption is in place on the cloud server to secure your private communications and data. This system also adheres to all data privacy handling requirements.

## What is the next step and what do I need to get started?

The first step is to purchase the IP501H handset and accessories through one of our many Icom LTE dealers. They can offer you various packages including buying the radio outright or with two or three-year plans which includes support and a private and secure network.†

## What is included in the ICOM Data Plan?

The ICOM Data Plan is:

- A 2 or 3 year contract with a fixed monthly fee (including connection).
- Each contract will include a dedicated built-in SIM card that covers all three leading UK mobile phone carriers (e.g. EE, Vodafone and O2).
- Closed Private and Secure network.
- Monitoring of the system and network.
- Radio firmware updates all managed by ICOM.

To conclude, if you are looking for regional or national communication scheme without the hassle or financial commitment of radio infrastructure, the ICOM LTE radio system with brilliant audio, full duplex communication and excellent health and safety features is your answer.

**For more details about the exciting new ICOM LTE radio system, visit our dedicated web pages at:**

**[icomuk.co.uk/LTE\\_PoC-Radio-System](http://icomuk.co.uk/LTE_PoC-Radio-System).**

**Alternatively, contact our team today on: 01227 741741 or email: [sales@icomuk.co.uk](mailto:sales@icomuk.co.uk)**



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**Count on us!**