

# LUGRA EVOKE 446 TWO WAY RADIO



The Luga Evoke 446 offers the convenience of license free communication along with simple, easy-to-learn controls. This two way radio is a lightweight, palm-sized device that offers incredible battery life and range for a license free device. With splashproof and dustproof casing and a high performance antenna, your users can communicate across large sites with confidence, and allows you to incorporate your new Evoke 446 radios with your existing license free radios.

## USER FRIENDLY

The Luga Evoke 446 puts the power of two way communication in your pocket. With its slim design and feather light build, it's ideal for use on shop floors and at one-off events, even if your operators lack experience.

Simple controls allow easy selection between 16 channels, and the unit has a VOX mode for hands free communication, along with 10 different call alert sounds and a channel scan feature. Users can lock the keys to prevent accidental operation if the radio is carried in their pocket.

## MILITARY STANDARDS

Despite being simple and compact, the Evoke 446 offers the features you'd expect from a rugged two way radio. It's IP54 rated for dust and water resistance.

In ideal conditions, this radio is capable of broadcasting over distances up to 3km, without the need for an operator's license.

## PROGRAMMABLE

The Luga Evoke 446 can be customised to your requirements. Use one of it's 10 custom call tones on the channels you use the most. You can also adjust the channel frequency.

## ALL DAY USAGE

Stopping to recharge can affect productivity and slow your users down. That's why the Luga Evoke 446 is fitted with a 1130 mAh Li-Ion battery. The radio can be used for up to 14 hours on a single charge, rising to 20 hours in battery saving mode.

The Evoke 446 is also easy to hold and carry, as it weighs just 210g. It comes with a belt clip for convenient use, even when your staff are on the go. To recharge the radio, simply drop it into the single charger (included).

## LOUD AND CLEAR

Outdoors, on a production line, or at a noisy sports event, your operators need to hear each other clearly. The Evoke 446 offers superb audio clarity and a high quality 1.5W speaker.

This two way radio also supports Quiet Talk (QT) to filter out noise on your channel.

### GENERAL SPECIFICATIONS

Frequency Range (MHz)	PMR446
Channel Capacity	16
Channel Spacing	12.5KHz (Narrow Band)
Phase-locked Step	5KHz, 6.25KHz
Operating Voltage	7.4 V DC
Battery Life	More than 12 hours (1500mAH), by 5-5-90 work cycle
Frequency Stability	±2.5ppm
Operating Temperature	-20°C ~ +55°C
Size (with battery pack)	127 x 60 x 35 mm (H x W x D)
Weight (with battery pack and antenna)	219g

### RECEIVER

Sensitivity	≤0.3μV
Adjacent Channel Selectivity	≤60dB
Intermodulation	≤60dB
Spurious Rejection	≤80dB
Audio Response	6dB/per interval
Hum and Noise	≥45dB
Audio Distortion	≤5%
Audio Power Output	500mW/10%

### TRANSMITTER

Power Output	0.5W
Modulation	11KΦF3E
Adjacent Channel Power	≤60dB
Hum and Noise	≥40dB
Spurious Emission	≤-36dB
Audio Response	6dB/per interval
Audio Distortion	≤5%

Specifications subject to change without notice. All specifications shown are typical.

For more information on License Free Two Way Radios please call us on **01245 403520** or visit our website at [www.brentwoodradios.co.uk](http://www.brentwoodradios.co.uk).

