

433MHz HAND HELD GIGALINK™ TRANSMITTERS

GLT43301, GLT43302, GLT43304 and GLT43308

Features

- One, two, three, four & eight buttons.
- More than four billion code combinations
- Ability to program un-limited number of transmitters to a receiver
- Built-in battery monitor. Flashing red LED indicates battery is flat
- 433 MHz transmissions. No interference from electrical noise and other signals.

Applications

- Security, wireless activation/deactivation of domestic or industrial alarms
- Gate operation
- Panic buttons
- Remote Activation of lights
- Simultaneous operation of multiple on/off functions



Description

These hand held GIGALINK™ transmitters operate on 433MHz. These GIGALINK™ transmitters can be programmed to the 433MHz Gigalink receivers.

The GLT433 series is available with 1, 2, 4 and 8 buttons. The transmission is secure with over 4 billion code combinations.

The transmitter is also available without a case to allow easy integration into your applications.

The hand held GIGALINK™ transmitters have single and multi-channel code programming system that provides flexibility in programming each channel to different receivers. Each transmitter button can be programmed to different single channel receivers.

Multi-channel Code Programming

This is used to program all channels from a multi-channel receiver to the multi-channel transmitter. To multi-channel code program a transmitter, read receivers setup instructions.

Single Code Programming

This is used for programming one channel at a time to the transmitter. To single code program a transmitter read receivers setup instructions.

Operating Distance





An operating distance (in conjunction with our GLR433.. series receivers) of 350 metres is possible with the GLT43300/1/2/4 and 500 metres with GLT43308.

The operating distance depends upon the receiver antenna and location. An independent test revealed the following ranges:

Range (Metres)	Receiver Antenna	Receiver Type
200	690 mm Long Wire	GLR433....
350	ANT433S	GLR433....
500 (GLT43308)	ANT433S	GLR433....

Range tests were done in an open area test site with line-of-sight operation and the receiver antenna wire was fixed vertically, away from any metal objects.

Products in the Range

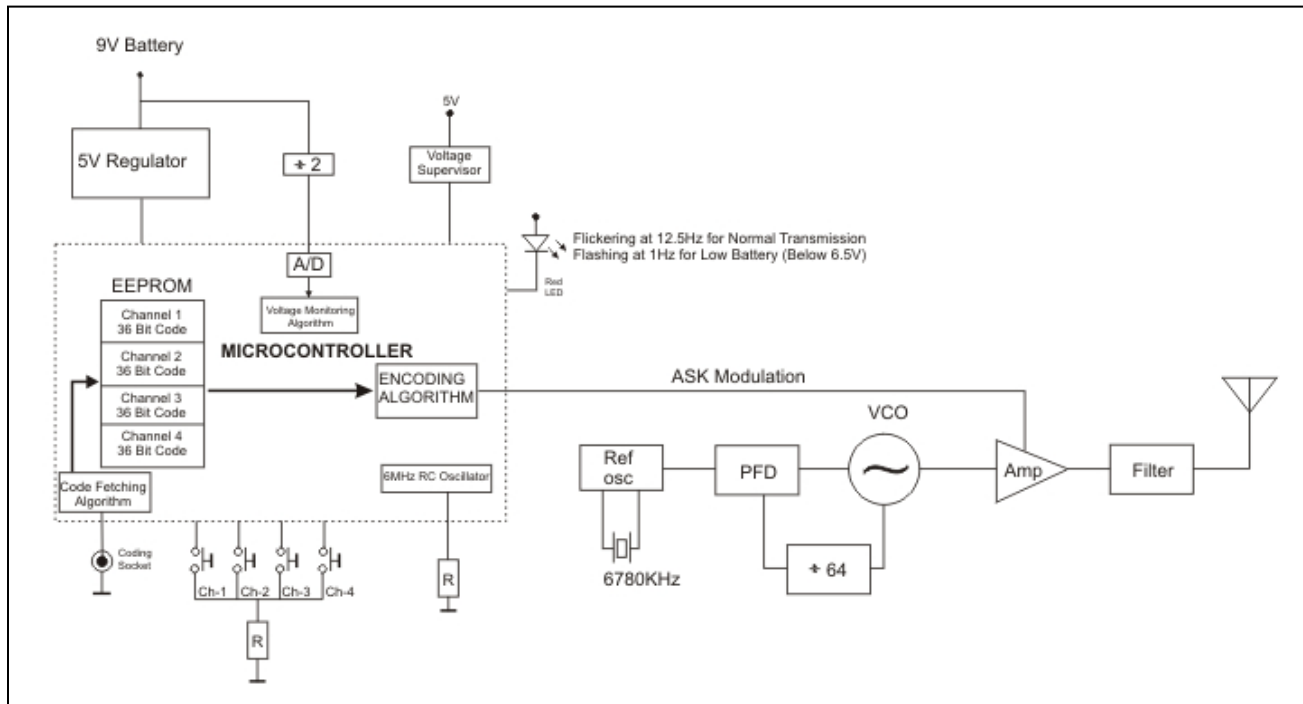
			
GLT43301 1-Channel	GLT43302 2-Channel	GLT43304 4-Channel	GLT43308 8-Channel

Technical Data

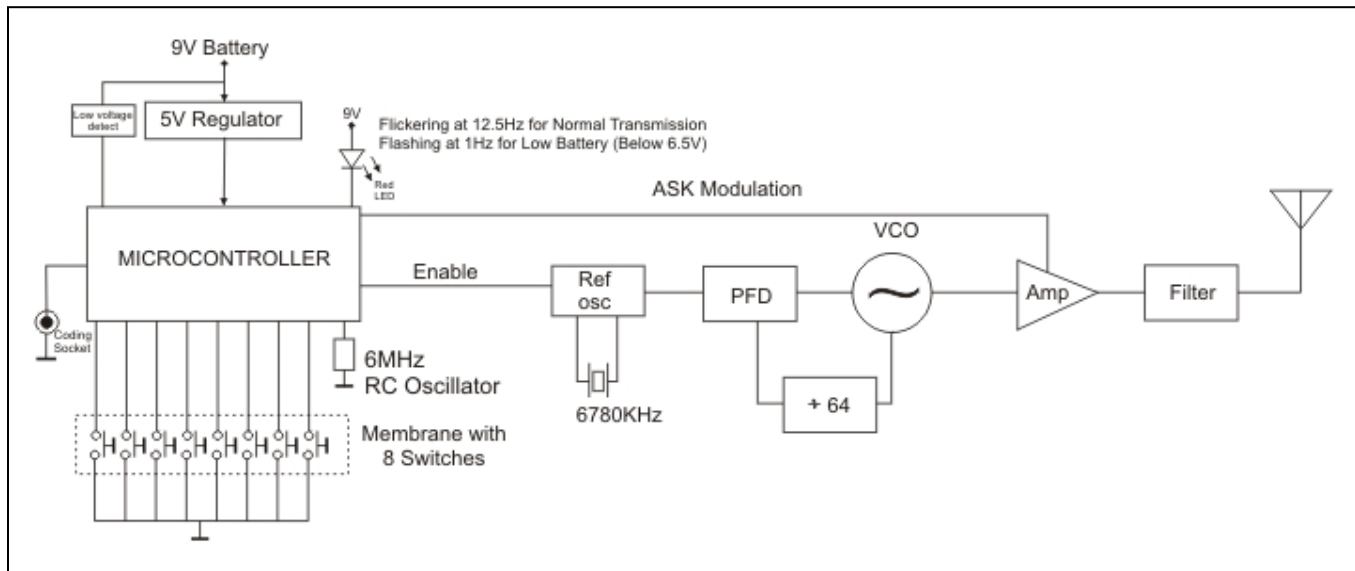
Model	GLT43301, GLT43302, GLT43304	GLT43308
Power Supply	9V Battery. Part number 6LR61	
Current Consumption	Max 35mA at 8VDC (Only when transmitting)	
Standby Current	10uA (Typical)	
Battery Monitor	LED flashes at 1Hz, during transmission, when battery voltage is at 6.5V (flat 9V battery)	
Operating Freq	433.920MHz	
Operating Temperature Range	-5 to 50°C	
Code Combination	Approximately 4.3 billion	
Digital Channels	1, 2 or 4 channels.	8 channels
Dimension	81 x 56 x 24mm	130 x 67 x 27mm (GLT43308)
Weight	51g excluding battery	60g (GLT43308)
Useable Receivers	GLR433... series	
Useable Operating Range	Up to 350m; depending on receiver antenna and location	Up to 500m; depending on receiver antenna and location

Block Diagram

GLT43301, GLT43302, GLT43304

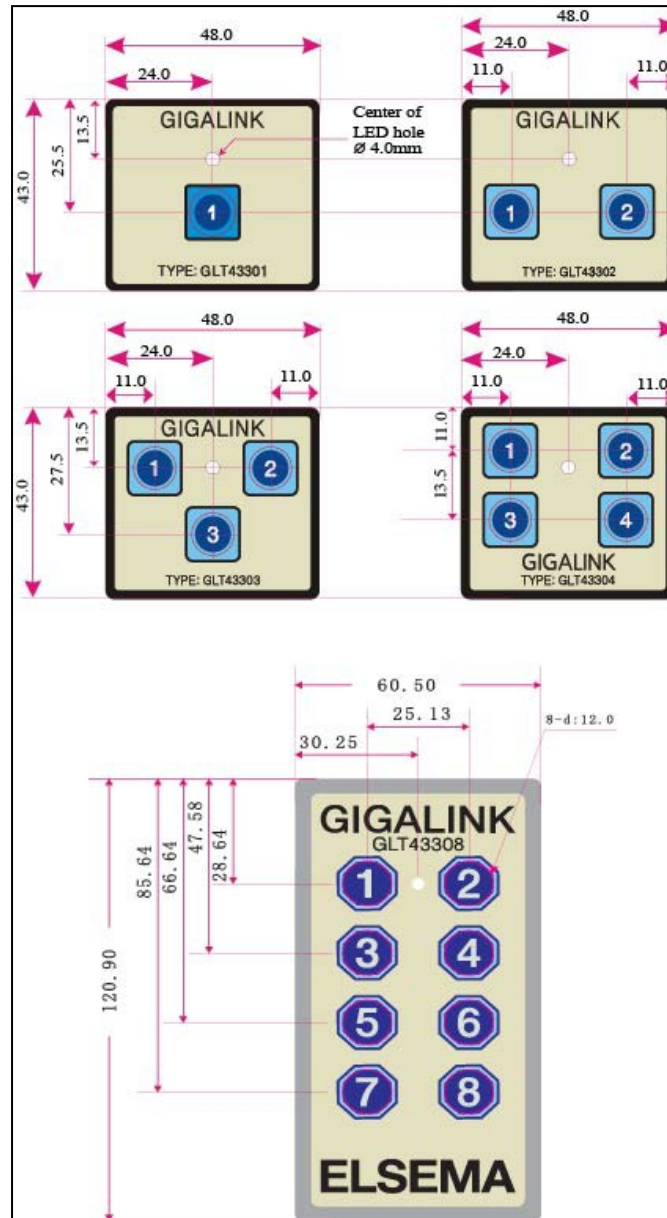


GLT43308(NC)



Custom label design

Details of label dimensions are given below.



Customers who wish to have their own membranes can contact us with their designs on (+61) 2 9609 4668

You can have your own company logo and specific text printed on the membranes. e.g. Up, Down, Right and Left or Start, Stop etc.

The minimum quantity for custom membranes is 100 pieces per order.

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