

GLR43301240

1-Channel 433MHz Gigalink, Receiver with Mains AC Supply

Features

- Supply voltage 110 - 240VAC
- High capacity output relay
- Pluggable type terminal blocks for easy installation
- Test push buttons for the relay
- Momentary, latching, timed and security latching output modes can be selected by the user.
- Optional QM150 bracket available for easy mounting to cases or walls
- Also available in an IP66 rated case for outdoor installations
- Power ON LED indicator

Applications

- Pump Control
- Long distance light control
- On/Off applications in agricultural devices
- Basic Telemetry eg. Water level indication
- Security alarm

Description

The GIGALINK™, GLR43301240 is the most advanced Remote Control technology available in the world today. GIGALINK™ is an invention that has revolutionised the entire Remote Control technology including Elsema's earlier version of FMT- ... and FMR- ... series. The GLR43301240 state-of-the-art invention brings a new dimension in the world of Remote Control technology in domestic, commercial and industrial applications.



Available with Options

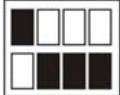
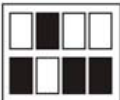
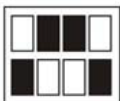
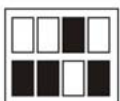
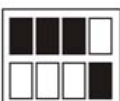
	
GLR43301240 1- Channel 110 - 240VAC Supply	GLR43301240E 1- Channel 110 - 240VAC Supply IP66 Rated enclosure

Programming

For programming instructions, please refer to the separate programming instructions.

When programming is completed and the GIGALINK cable is removed from the receiver-coding socket, the 4-way dip switch is used to select different output modes. This is described below.

Different Modes for the Output

1 2 3 4 ON OFF 	"Momentary": Relay on, only while correct signal is received
	"Latching": Relay alternates at every correct incoming signal
	"Delayed Off 1": Relay on, but delayed off for 1-10 seconds, adjustable by trimpot
	"Delayed Off 2": Relay on, but delayed off for 10-300 seconds, adjustable by trimpot
	"Pulsing": Relay will pulse at 1Hz for 10-300 seconds, adjustable by trimpot
	"Security latching On": Relay will energize until supply to receiver is momentarily interrupted
	"On-Off": This mode requires a 2-channel Tx. Channel 1 will always energize the relay Channel 2 will always de-energize the relay <i>To use this mode you need to do channelised code programming. Do not use single code programming.</i>
	"On-Off": This mode requires a 4-channel Tx. Channel 3 will always energize the relay Channel 4 will always de-energize the relay <i>To use this mode you need to do channelised code programming. Do not use single code programming.</i>
	"Test": Relay is energized, for test purpose only

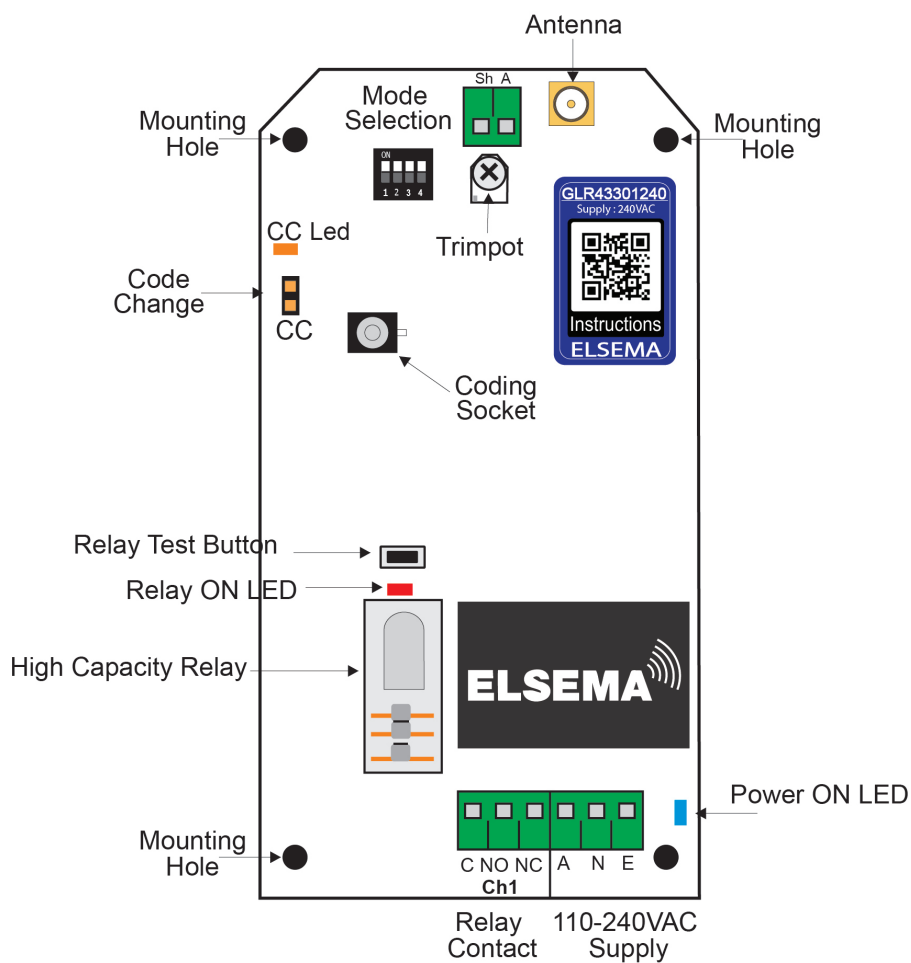
Customised Software

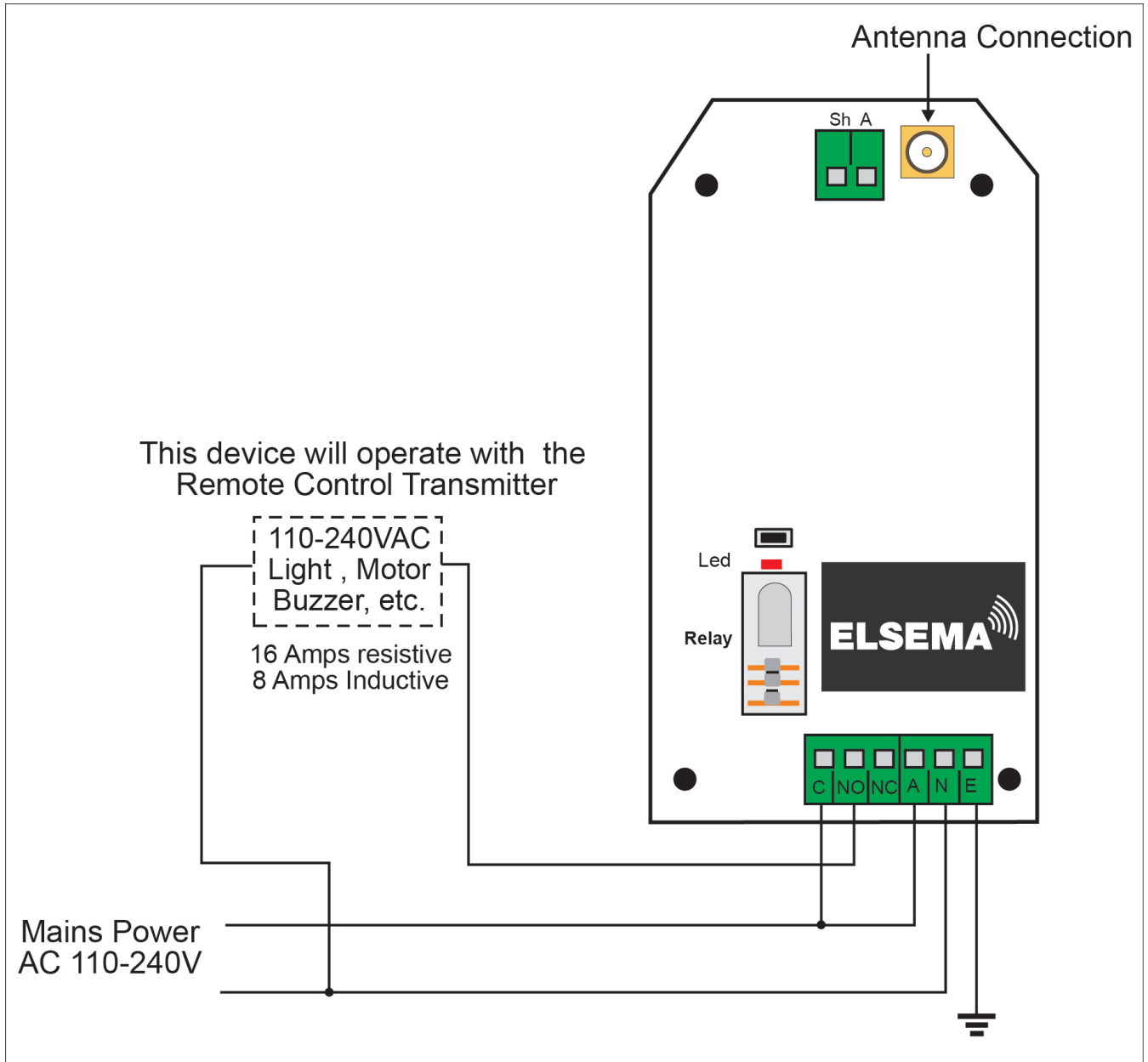
Custom output modes can be programmed to do special functions. Call Elsema for more details.

Technical Data

Supply Voltage	110 - 240Volts AC Mains
Current Consumption	18mA, on 240V AC
Receiving Freq	433.920MHz
Operating Temperature Range	-5 to 50°C
Outputs	Change over relay output, rated at 16 Amps of resistive load and up to 8 Amps of inductive load.
Connections	Supply & Outputs - pluggable type terminal blocks
Antenna	Elsema's ANT433MHz series antennas or piece of approximately 690 mm long wire for short range applications.
Dimensions	130 x 70 x 37mm
Mounting hole size	3.97 mm or 5/32"
Useable Transmitters	All Elsema Type 433MHz GLT-... series

Block Diagram



GLR43301240 Application**Manufactured by**

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