GLR2701/GLR43301 GIGALINK™ RECEIVER SETUP INSTRUCTIONS

Single Code Programming
Single code programming can be achieved by following the steps below:

Step 1: Connect power to the GIGALINK™ receiver.

Step 2: Momentarily short the two CC pins on the receiver board. (This sets all the channels to a random code. If there are transmitters previously programmed, they will have to be re-programmed when CC pins are shorted.)

Step 3: Connect the transmitter to the receiver by inserting the GIGALINK™ cable into the transmitter and receiver 2.5-mm socket. (This will activate the programming mode and is indicated by the red light (LED) on the transmitter that must remain "on")

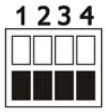
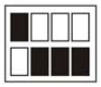
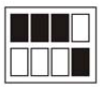
Step 4: Activate one of the selected channels on the transmitter for approximately one second, LED should blink twice to confirm code programming and then switch "off".

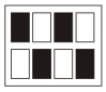
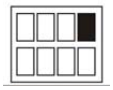
Step 5: Disconnect GIGALINK™ cable.

Repeat steps 3 to 5 to program another transmitter channel.

Mode Setting
The 4-way dip switch functions as a mode selector for the relay. User should set the receiver mode correctly. See below table for different mode setting.

GLR2701/GLR43301 Mode Settings

DIP Switch Mode Settings The output relay will respond in the following manner when receiving the correct signal from a transmitter	
	"Momentary": Relay on, only while correct signal is received
	"Flip-Flop": 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
	"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

	"On-Off": This mode requires a 4-channel Tx. Channel 3 will always energize the relay Channel 4 will always de-energize the relay *(Mode added November 2006)*
	"Test": Relay is energized, for test purpose only

Troubleshooting

This section contains helpful troubleshooting tips and solution.

Symptom	**Solution**
Receiver not responding to transmitter after programming.	Try to program the transmitter again, but this time connect battery to the transmitter. If transmitter only programs when the battery is connected, return transmitter to Elsema. Check if GIGALINK™ cable is inserted correctly
Transmitter activates wrong channel on a multi-channel receiver.	Wrong dip switch setting while programming the receiver. Use the dip switch table and program again
Transmitter has short range.	Check receiver antenna connection. If you are using a shielded coax cable, check that the shield and core are connected probably.
Led is flashing on the transmitter.	Replace battery.

Customer Support

If your transmitter and receiver are still not operating properly, contact Elsema's Support Office at:

Phone : 61 (2) 9609 4668
Fax : 61 (2) 9725 2663

or you can visit our web site at http://www.elsema.com for the latest updates.