

## GLT2712 GIGALINK™ TRANSMITTER SETUP INSTRUCTIONS

The transmitter/receiver can be single or channelised code programmed.

### **Single Code Programming**

This is used for programming one channel at a time to the transmitter. Single code programming can be achieved by following the steps below:

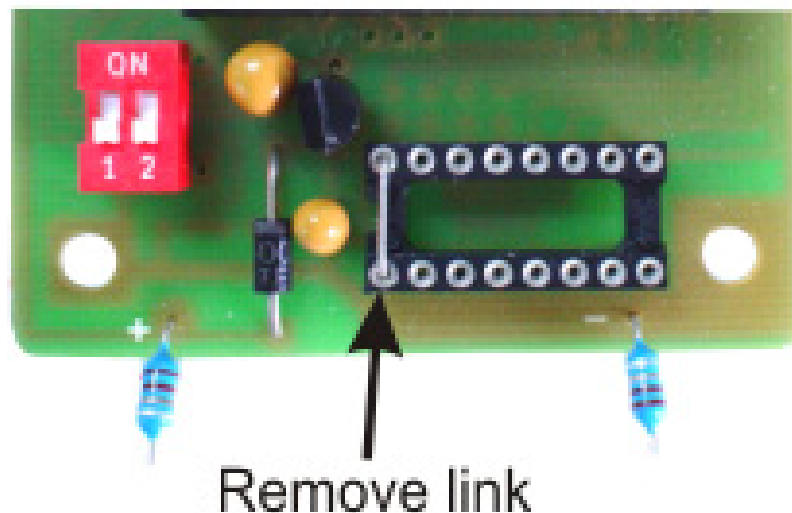
- Step 1: Connect power to the GIGALINK™ receiver. **Make sure all switches on the mode dipswitch are off.**
- Step 2: Momentarily short the two CC pins on the receiver board. (This sets all the channels to a random code. **If there are transmitters previously programmed, they will have to be re-programmed when CC pins are shorted.**)
- Step 3: Select the receiver channel, to be programmed, by setting the dip switches. (Refer to the individual receiver programming instructions for the receiver that is to be used)
- Step 4: Connect the transmitter to the receiver by inserting the GIGALINK™ cable into the transmitter and receiver 2.5-mm socket. (This will start the programming procedure and is indicated by the red light (LED) on the transmitter blinking twice)
- Step 5: Since **Channel 1 is shorted as default at factory**, the receiver will code channel 1 of the transmitter to its respective channel (depending on the switch setting of the receiver).
- Step 6: Disconnect GIGALINK™ cable.

Repeat steps 3 to 6 to program another transmitter channel.

### **Channelised Code Programming**

This is used to program all channels from a multi channel receiver to a multi channel transmitter. Channelised code programming can be achieved by following the steps below:

**In order to use this feature, you will have to remove the link from the 16-way IC socket in the transmitter.**

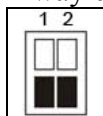

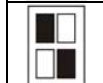



- Step 1:** Connect power to the GIGALINK™ receiver. **Make sure all switches on the mode dipswitch are off.**
- Step 2:** Momentarily short the two CC pins on the receiver board. (This sets all the channels to a random code. If there are transmitters previously programmed, they will have to be re-programmed when CC pins are shorted.)
- Step 3:** Connect the multi channel transmitter to the multi channel 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 any two channels simultaneously on the multi channel transmitter for 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 multi channel transmitter.

**Mode Setting**

Set the 2-way dip switch on the transmitter to the correct transmitting mode. (Refer to the table below)

	Off Delay 2 – 62 seconds		Continues Transmission
	Off Delay 1 – 10 minutes		1.5 – 10 seconds one burst transmission

\*For a detailed description of these modes refer to the Transmitter datasheet.

**Troubleshooting**

This section contains helpful troubleshooting tips and solution.

**Symptom**

Receiver not responding to transmitter after programming.

Transmitter activates wrong channel on a multi-channel receiver.

Transmitter has short range.

Led is flashing on the transmitter.

**Solution**

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

Wrong dip switch setting while programming the receiver. Use the dip switch table and program again

Check receiver antenna connection. If you are using a shielded coax cable, check that the shield and core are connected properly.

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.