

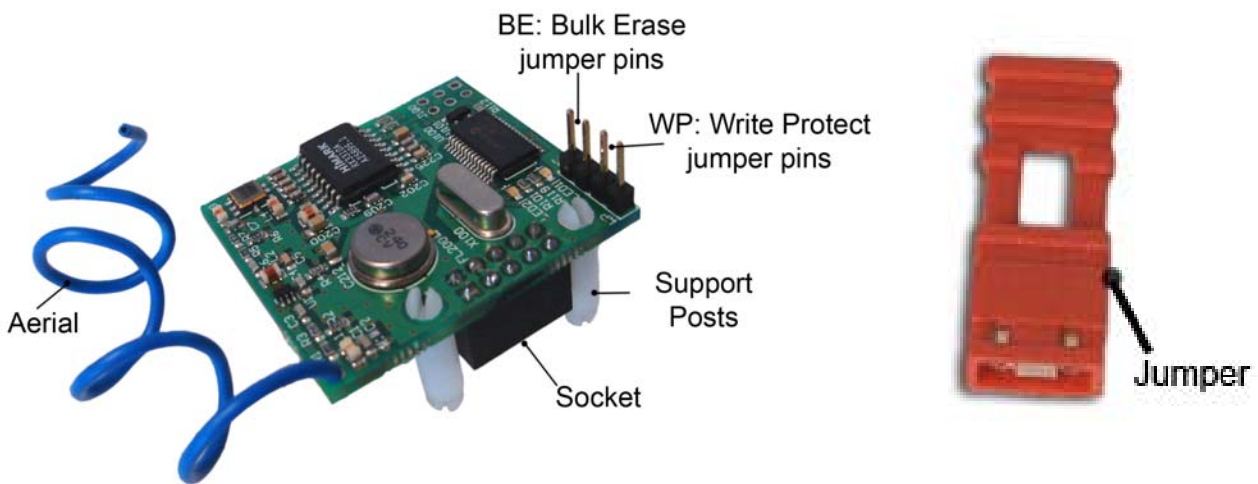


## PROGRAMMING GUIDE

Grifco Transmitter (GT4) and Maestro Receiver Card (MRC) Programming Guide  
Rev: 706070



Transmitter (back and front) and the included programming pin

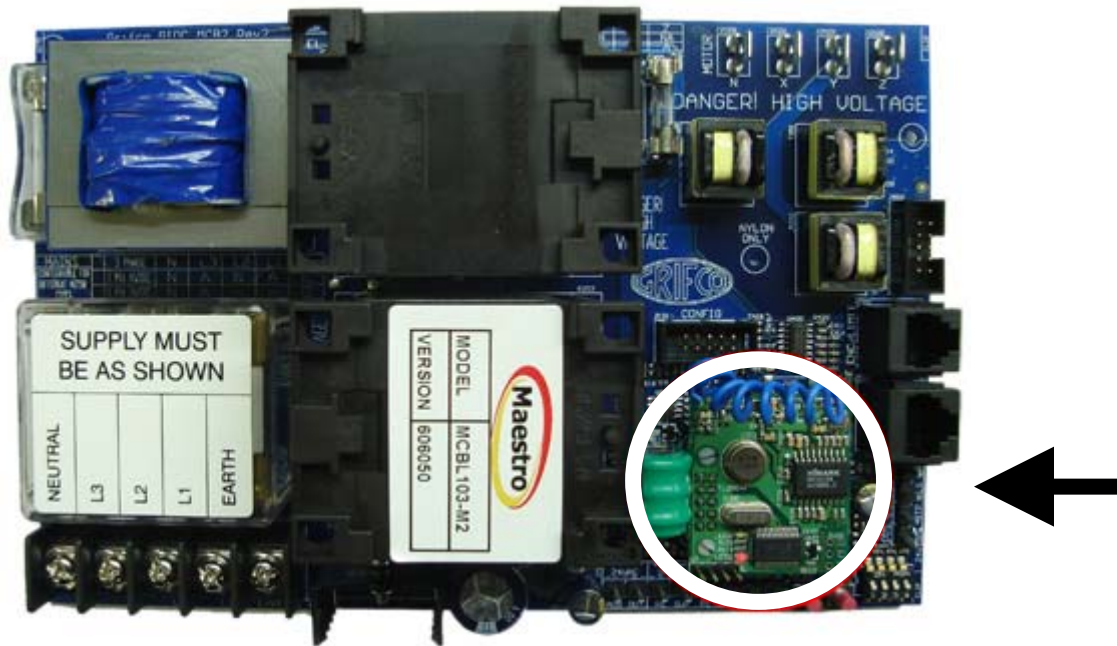


Receiver Card and the included jumper

### STATUS INDICATORS

RED LED	GREEN LED	STATUS
ON	ON	Receiver has just been powered up
ON	OFF	No transmitters currently programmed
OFF	ON	A transmitter has just been programmed or erased / receiver activated
OFF	OFF	Awaiting signal from transmitter with at least one transmitter programmed
Flashing Slow		Receiver has detected a signal from a transmitter which is not coded in
Flashing fast		Receiver had detected a signal from a transmitter, but is in Write Protect mode
Strobe flashing		Receiver has finished bulk erase operation

STANDARD GRIFCO WARRANTY CONDITIONS APPLY TO ALL PRODUCTS



## A BEFORE TURNING ON POWER

- While power is **OFF**, plug the receiver card into the main control board as shown above

**NOTE: DO NOT** remove the white plastic posts provided

- **ENSURE ALL JUMPERS** are **REMOVED** from the receiver card
- Turn power on
- After a few seconds a RED LED on the receiver should remain solid on
- If the RED LED does NOT remain ON you MUST perform a 'BULK ERASE' (see page 4)

## B FIRST TRANSMITTER

- 1 PRESS and HOLD the black CHANNEL button on the front of the transmitter, **while holding**, use the programming pin to press and hold the PROGRAM button on the back of the transmitter
- 2 After 2 seconds the LED on the receiver will turn green

**NOTE: It is easiest to hold the transmitter as shown right**

- 3 Test the transmitter on the door to make sure that it is working correctly

**NOTE: The operator will not respond if limits are not set**



## C ADDITIONAL TRANSMITTERS

- Take the transmitter used in STEP 1 and place the programming pin in it. (This will be known as the FIRST transmitter) as seen below.

**NOTE: Place the transmitters on a flat surface as you will need both hands for the next step.**



FIRST TRANSMITTER

SECOND TRANSMITTER

- Press a CHANNEL button on the second transmitter as seen above. The RED LED on the receiver will start flashing.



- While this RED LED is flashing PRESS and HOLD the PROGRAM button on the back of the FIRST transmitter and WHILE holding PRESS and HOLD the CHANNEL button used in step 1.
- After 2 seconds the LED on the receiver will turn green
- Test the new transmitter to make sure that it operates correctly
- Repeat from STEP 4 for additional transmitters

## D FINISHING AND PROTECTING

Once all transmitters are programmed, it is important to place the Write Protect (WP) jumper onto the receiver card as shown left. To do this:

- Turn power off
- Fit the Write Protect (WP) jumper
- Turn power on
- The maestro radio system is now secure and ready to use



**Caution:** It is recommended that line of sight be maintained when using a transmitter.

**YOUR MAESTRO RECEIVER IS NOW READY TO USE**

## ERASING TRANSMITTERS

### ERASING A SINGLE TRANSMITTER

- On the transmitter you wish to erase PRESS and HOLD the PROGRAM button, while holding press and hold the CHANNEL button corresponding to the receiver you wish to erase from
- The RED LED will start to flash. Release these buttons
- While the RED LED is flashing, take a transmitter that operates this receiver and PRESS and HOLD the PROGRAM button, while holding PRESS and HOLD the CHANNEL button
- When the GREEN LED appears release the buttons
- Check receiver behaviour to ensure success

### WARNING:

**THIS BULK ERASE PROCEDURE REMOVES ALL TRANSMITTERS FROM THE RECEIVER**

- Turn power off
- Fit the Bulk Erase (BE) jumper shown right
- Turn power on
- Wait for the RED LED on the receiver card to start flashing
- Turn power off
- Remove the Bulk Erase (BE) jumper
- Turn power on
- The RED indicator will remain lit
- Proceed to *'Program the first Transmitter'*



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