

# Frequently Asked Questions for MOTOTRBO:

## 1. MTRBi Indicator is RED and does not turn green:

- a. Check the connection of the MTRBi cables.
- b. Check the SOIP sections in C-Soft Designer and the IP223 and make sure that they match.

### Designer

SOIP Setup

RX Multicast Address	RX Port
225.8.11.81	5155
TX Multicast Address	TX Port
225.8.11.81	5355

### IP223

Line:	Line Name:	Rx Mcast Address:	Rx Port:	Tx Mcast Address:	Tx Port:
1	SOIPUDP1	225.8.11.81	5155	225.8.11.81	5355

## 2. MTRBi Indicator is GREEN but channels are not read in:

- a. Check the "Cable Type" in the mobile radio setup "Accessories" section.

### MOTOTRBO Customer Programming Software

Cable Type

- b. Check the Serial Port Mode in the IP223 and make sure it is set for 9600,N,8,2.

### IP223

Serial Port Mode

Serial Port Mode:  Serial Port Params:

### **3. Channel names do not match names entered in Frequency Parameters:**

- a. Check the Channel Pool zone number is setup correctly in C-Soft Designer.

Zone Number	Zone Name
1	Dig / Analog
2	Channel Pool
3	Digital 2
4	Digital 3
5	Zone 5
6	Zone 6
7	Zone 7
8	Zone 8
9	Zone 9
10	Zone 10
11	Zone 11
12	Zone 12
13	Zone 13
14	Zone 14
15	Zone 15
16	Zone 16

2 Channel Pool Zone

## 4. No receive audio on C-Soft:

- a. Check Multicast address match in C-Soft Designer and IP223.

### Designer

RX Multicast Address	Rx Port	TX Multicast Address	TX Port
225. 8 . 11 . 81	1070	225. 8 . 11 . 81	1090

### IP223

Line Number:	Enable via Ethernet:	Line Type:	Line Name:	Rx Mcast Address:	Rx Port:	Tx Mcast Address:	Tx Port:
1	<input checked="" type="checkbox"/>	Local Mode	Line 1	225.8.11.81	1070	225.8.11.81	1090

- b. If COR is enabled:
  - o Check COR setup of the IP223 in Per Line Setup.

### IP223

COR Enabled

- o Check Mobile Radio GPIO Physical Pins Setup.

### MOTOTRBO Customer Programming Software

#### GPIO Physical Pins

	Feature	Active Level	Debounce
Pin #17	Ext Mic PTT	Low	<input checked="" type="checkbox"/>
Pin #19	CSQ Detect	Low	<input checked="" type="checkbox"/>
Pin #20	PL/Talkgroup Detect	Low	<input checked="" type="checkbox"/>