

**INTRODUCTION**

Audio signals from the MOTOTRBO XPR4550 or XPR5550 radio can be used to interface a logging recorder using the instructions below. Two analog channels will be required on the logging recorder; one for transmit audio from IP Gateway, one for receive audio into IP Gateway.

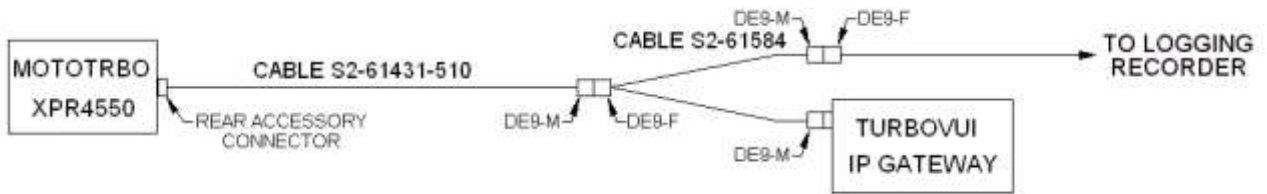
**WHAT YOU WILL NEED**

The following items are required in order to interface a logging recorder to a RadioPro IP Gateway:

- RadioPro IP Gateway
- Interface Cable S2-61431-510 (previous versions will not function correctly)
- Cable Kit S1-61611 (includes S2-61584 & 89-10745)

**CABLE CONNECTIONS**

Use the following diagram to connect the MOTOTRBO XPR4550/5550 radio to the RadioPro IP Gateway.



Use the following table to determine signals and wire colors. Depending on the cable being used, colors may be different. Verify colors before connecting to logging recorder.

DE9 Pin #	Radio Signal	Color Code Cable ID 2464 VW-ISC	Color Code Alternative B
1		Blk	Blk
2	+12vdc	Yel	Brn
3	Gnd	Red	Red
4	Radio Audio In (Tx)	Blu	Org
5	Radio Audio Gnd	Wht	Blu
6		Gry	Grn
7		Org	Vio
8	Radio Audio Out (Rx)	Grn	Wht
9	Radio Audio Gnd	Vio	Yel