



iCOM VE-PG3 Radio Over IP Gateway Instructions

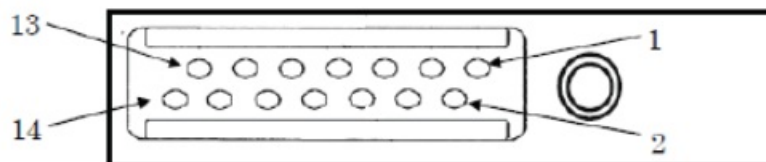
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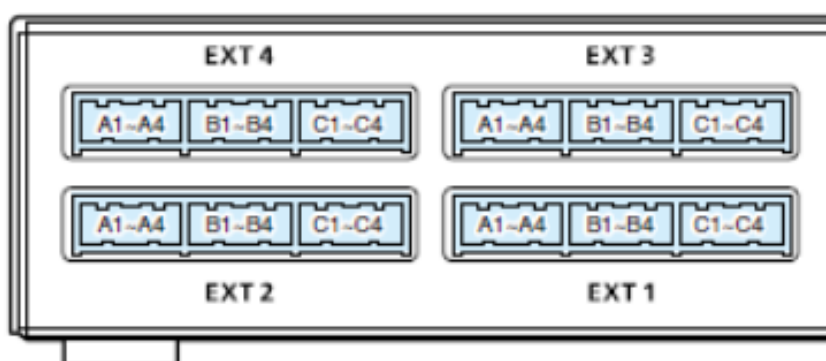
VE-PG3 Radio Over IP Gateway



Pin No	Symbol	VO	Name of port	Remark	Spec.	
1	OPF	1	Customized input	Active in low	Less than 1.15V to active the port. Necessary wiring 3.1V 10k Pull UP.	C4
2	RTS	0	Request To Send port	Hardware flow control to require transmitting	5.0V 47k Q Pull UP	
3	CTS	1	Clear To Send port	Hardware flow control to receive acknowledge for allowance of transmission	5.0V 47k Q Pull UP	C3
4	GND	–	GND	GND (separation with ground of MIC)	GND	B4
5	AFO-	0	AF BTL – (Output)	port for AF BTL Amp (A B class Amplifier)	AF output 8Q load 1.0W @ 5% typ	A3
6	AFO+	0	AF BTL + (Output)	+port for AF BTL Amp (A B class Amplifier)	AF output 8Q load 1.0W 4 5% typ	
7	5V	0	5.0V DC output	5V output from the radio	5.0V less than 0.15A ci. 10 25°C	

8	MDET	I	Detection of external device	Detection for connecting external device in some cases below. GND with speaker mic in case, open for programing in case, 10k Q with VOX headset in case, 4.7kQ with earphone.	—	
9	MICE	—	MIC GND	GND of MIC	—	A2,AI1
10	NC		No Connection	—	—	
11	RXD	I	Serial Data Input	Data input for programing software, PC commands	5.0V 47k Q Pull UP	CI
12	TXD	O	Serial Data Output	Data output for programing software, PC commands	5.0V 47k Q Pull UP	C2
13	MIC	I	MIC Input	Input for external MIC	Impedance (Input) 2.2k Q 15mVrms *S! 60%Dev	AI
14	PTT	I	PTT	External PTT, Active in Low	3.1V 47kQ Pull UP	B1

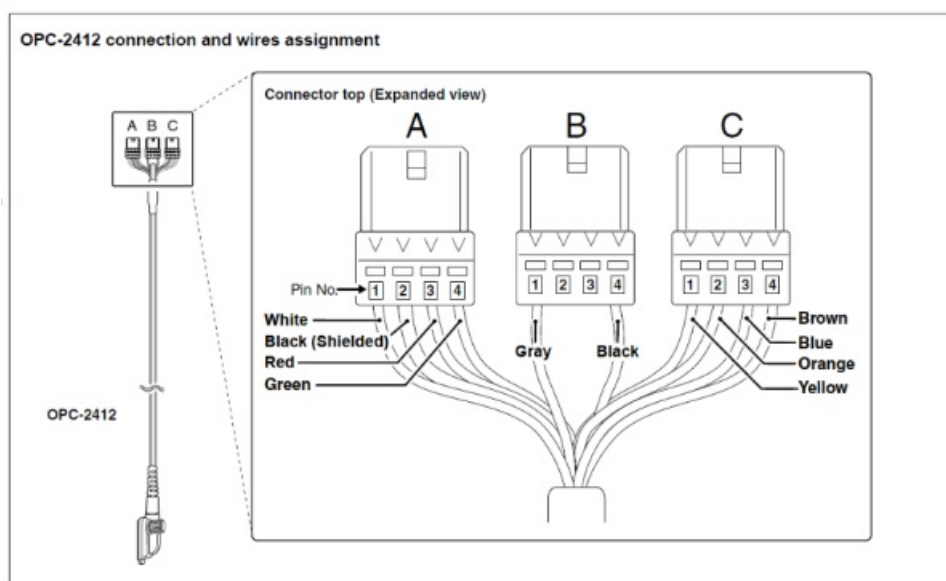
VE-PG3/4



Pin No.	Description
A1	Analog audio output (From the VE-PG4) / Superimpose PTT
A2	Analog GND
A3	Analog audio input (To the VE-PG4) / Superimpose squelch detection
A4	Analog GND
E1	General control output / Single PTT control i Relay output
B2	Serial communication (Half duplex) / 8 V power supply / Relay output
63	General control input / Single squelch control
B4	Common GND
C1	Serial communication TXD (From the VE-PG4)
C2	Serial communication RXD (To the VE-PG4)
C3	Serial communication RTS (From the VE-PG4)
C4	Serial communication 01-5 (To the VE-PO4)



You can change the configuration of ports B1 to 64 on the VE-PG4 setting screen.





[iCOM VE-PG3 Radio Over IP Gateway](#) [pdf] Instructions

VE-PG3, VE-PG4, VE-PG3 Radio Over IP Gateway, Radio Over IP Gateway, Over IP Gateway, IP Gateway