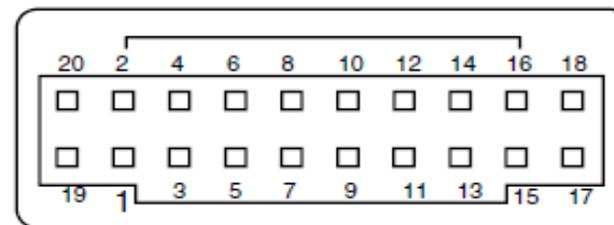
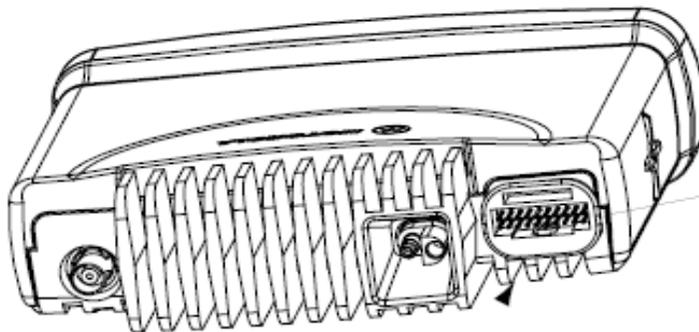


GM-350/950 INTERFACING

PIN n°	Function	Comments	Status	Color @ ON7EQ
2	Mic input	nominal input level is 80mV for 60% deviation. The impedance is about 1k	Do not use	
3	Ext PTT	GP1 set to PTT by codeplug. 4.7 kohm Internal Pull Up Resistor to +5 V. GND to TX	Pin 13 Arduino	Yellow
4	Carr detect	GP2 set to Carrier detect by codeplug / Level 0 - 11v about !!!!	Pin A0 Arduino	Blue
5	Flat TX audio in	nominal input level is 150 mVRMS for 60% deviation. The impedance > 25k	Audio ISD + CW	Red - Shielded
7	Ground	Ground for audio , signals I/O		Black
8	CTCSS detect	GP3 set to PL/CTCSS detect by codeplug, level 0 - 5v about	Pin A1 Arduino	White
10	Ignition Sense	Connect to +12v by 1k2 ... 4k7 resistor. Required for auto startup when DC applied.		Red
11	RX audio out	continuous discriminator audio, level 330 mVRMS @ 60% deviation, impedance 600 ohms.	Audio in ISD	White - screened
15	RSSI	Received Signal Strength Indication, buffered analog voltage (2.00- 4.50v about)	Pin A6 Arduino	Brown



* Note the location of pin 1.

Pins 17 to 20 not present on GM-350 !