

## 10 pin Molex connector - Skanti PA

1. GND.	
2. +24V TX on.	This Pin always need 24V.
3. PA Key	24V when Keying (TX).
4. PA Atenuator	24V at this pin will activate the "Low power" relay (20W)
5. 100 degree Switch	Thermo switch 100 degrees. Goes to GND when active.
6. GND	GND
7. PA Peak.	ALC(positive) Voltage. Goes from 0-9V at full output (**)
8. GND	GND
9. ALC error.	Goes from 5V to 0V in "fault" mode.(High SWR/Power)
10. N/C	

(\*\*) Pin 7 is an output from a power/swr peak detector. It will generate a voltage between 0-9V depending on the output and SWR condition of the unit. 9V is "maximum output allowed" and the internal fault protection is very close to trigger the shutdown mode. (Low power relay). You can use this output to monitor the voltage or make your own shutdown sequence maybe at a lower level.

Pin 9 is an important part of the unit and becomes low when the unit is in an error condition as described above.

This information is important to use at your controlboard/sequencer when the relays and PTT must be disengaged in a hurry.