Ambulance IT Component Plan

Ambulance IT Component Plan			"MAIN" RADIO SYSTEM (APX7500)						PORTABLE RADIOS		INTERNET-OF-THINGS SYSTEM (TCP/IP)					
									(APX6000)							
MOUNTING LOCATION	Roof			00/800 ntenna ^ II	VHF-Hi a		GPS antenna				5:1 antenna Cell-2/WiFi-2/GPS-1					
			A B B				=RG				A C Cis					
	Electrical/IT cabinet ¹		V V V MAIN TRANSCEIVER								CISCO ROUTER					
			<=====================================		<=HKN6168=>		^				<==CAT6==>	\ 	\ 	\ 	^ 	
	Cab console ²			Control I	head & mic 1	_	=====HKN6168=	Charge A	Chargers		TDM ====================================	Ower===>	<=====================================	<=====================================		
							ead & mic 2 A B B B C Speaker 2		٨							
	Payload module comms panel ³		======================================	=====bower=======					 							
	IV/drug box compartment								===power==							
	Payload module action area		 -						= = = = =				Panel dual connector/housing			
POWER SOURCE	IGN / shore power bus bar		•	•		•			ii - - -		ii ii V	<===bower=			 	
POV	Voltage-sensing delay timer circuit (ACDC Industries MZL-180)								•		•	•			•	

HOW TO READ THIS CHART

indicates a "brain box" with complex electronics and connectors for antennas or user interface components

- <=> indicates a cable run (antenna, power, or signal, as appropriate)
- indicates a power stud or tap

NOTES

- ¹ Mount the voltage-sensing delay timer (ACDC Industries MZL-180) within or near the Electrical/IT cabinet.
- ² Although none of the components shown are required to take power from the cab console, we recommend providing 12V positive (+) studs on the IGN and MZL-180 circuits, and a ground (-) stud.
- 3 If a 3 rd control head 8 mic combo is specified, it should duplicate what is shown here for Control head 8 mic 2 .