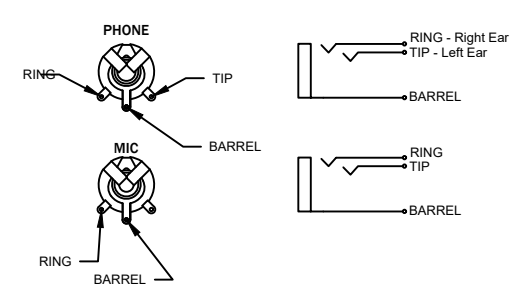


PMA450 Audio Panel

PMA450 Audio Panel		J-1	
COM 1 AUDIO HI	9	W	
COM 1 AUDIO LO	10	W/B	
COM 1 MIC AUDIO HI	11	W	
COM 1 MIC KEY	12	W/B	
COM 2 AUDIO HI	13	W	
COM 2 AUDIO LO	14	W/B	
COM 2 MIC AUDIO HI	15	W	
COM 2 MIC KEY	30	W/B	
NAV 1 AUDIO HI	17	W	
NAV 1 AUDIO LO	18	W/B	
NAV 2 AUDIO HI	19	W	
NAV 2 AUDIO LO	20	W/B	
UNSWITCHED #1 HI	31	YELLOW/WHITE	
UNSWITCHED #1 LO	32	YELLOW	
UNSWITCHED #2 HI	44	W	
UNSWITCHED #2 LO	43		
UNSWITCHED #3 HI	29	WHT	
UNSWITCHED #3 LO	22	WHT/BLU	
PILOT MIC LO	35	BLU/WHT	
PILOT MIC AUDIO HI	33	WHT	
PILOT MIC PTT	34	BLUE	
PASS PHONES (L)	40		
PASS PHONES LO	42	BLU/WHT	
PASS PHONES (R)	41	ORN/WHT	
RS-232 RXD	26	BLUE	
RS-232 TXD	24	BLUE/GREEN	

PMA450 Audio Panel		J-2	
Pilot Phones (L)	16	WHT	
Pilot Phones LO	1	BLU/WHT	
Pilot Phones (R)	31	ORN/WHT	
CoPilot Phones (L)	3	WHT	
CoPilot Phones LO	2	BLU/WHT	
Co Pilot Phones (R)	4	ORN/WHT	
CoPILOT MIC LO	34	BLU/WHT	
CoPILOT MIC AUDIO HI	32	WHT	
CoPILOT MIC PTT	33	WHT	
Pass 1 MIC LO	36	BLU/WHT	
Pass 1 MIC AUDIO HI	35	WHT	
Pass 2 MIC LO	38	BLU/WHT	
Pass 2 MIC AUDIO HI	37	WHT	
ENTERTAINMENT 1 LEFT	23	WHT	
ENTERTAINMENT 1 RIGHT	24	ORN/WHT	
ENTERTAINMENT 1 AUDIO LOW	25	BLU/WHT	
COM SWAP	20		
AIRCRAFT POWER	8		
AIRCRAFT POWER	9		
AIRCRAFT GROUND	10		
AIRCRAFT GROUND	11		

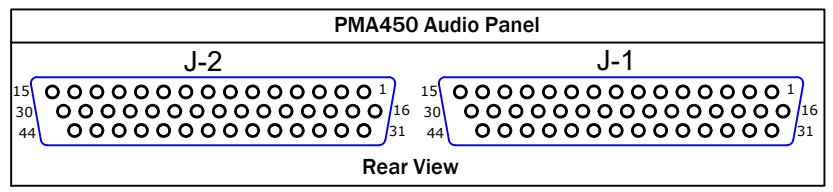
AFS Control Module			
INTERCOM / Audio Panel			
DSUB 25 MALE			
INTERCOM POWER	RED	1	14
INTERCOM GND	BLACK	2	15
INTERCOM POWER	RED	3	16
INTERCOM GND	BLACK	4	17
Com 1 Audio Hi	W	5	18
Com 1 Audio Lo	W/B	6	19
Com 1 Mic Hi	W	7	20
Nav 1 Audio Lo	W/B	8	21
Nav 1 Audio Hi	W	9	22
Com 1 Mic Key	W/B	10	23
GPS NAV Audio Hi	W	11	24
INTERCOM PILOT PTT	BLUE	12	25
Com 2 Audio Hi	W	13	
Com 2 Audio Lo	W/B	14	
Com 2 Mic Hi	W	15	
Nav 2 Audio Lo	W/B	16	
Nav 2 Audio Hi	W	17	
Com 2 Mic Key	W/B	18	
EFIS Audio R	YELLOW	19	
EFIS Audio Lo	YELLOW/WHITE	20	
INTERCOM COPILOT PTT	VIOLET	21	
RS-232 RX Audio P	BLUE	22	
RS-232 TX Audio P	BLUE/GREEN	23	



CONSTRUCTION NOTES

- ALL WIRES SHALL BE 22 AWG TEFZEL COATED
- HEATSHRINK SHALL BE USED TO TERMINATE THE SNAKESKIN AT THE BASE OF EACH DSUB CONNECTOR
- TERMINATE SHIELD GROUNDS AT AUDIO PANEL

SYMBOL KEY



AIRCRAFT	A	ENT	PILOT	COPILOT	PASS 1	PASS 2
SLING TSI	31"	36"	53"	71"	158"	158"
RV-10 Aerosport	40"	36"	72"	72"	72"	72"
RV-10	40"	36"	53"	71"	125"	143"
RANGER	24"	66 1/4"	65 1/4"	65 3/4"	NONE	NONE

REV	DATE	DESCRIPTION	REV BY
13	3/1/24	Increased font size	RJH
11	5/9/22	Updated RV-10 Lengths	RJH
8	10/1/21	Swapped Audio L and R to correct Jack posts	RJH
9	11/4/20	Added Sling TSI lengths	TAH
8	2/6/20	Swapped Audio L and R and reorganized LEMO Jacks	SR
7	12/12/19	Added LEMO Jacks and FLARM Audio	SR
6	2/12/19	Pass 2 Mic Mislabeled as Pass 1	SR
2	10/12/16	Added Ent 2 and old color code	RJH
1	9/19/16	Initial Drawing	RJH

ITEM	QTY	PART #	DESCRIPTION
NOTES:			
DATE 9/19/16 SCALE NONE			
DRN, R, H APRV, R, H			
PHONE: (503) 263-0037 FAX: (503) 263-1138 320 REDWOOD ST CANBY, OR 97013			
TITLE	P/N	REV	
PMA450 4 Place HARNESS	57651	A	1.3