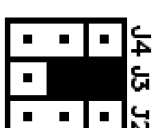


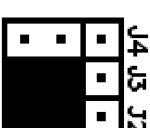
MICROPHONE CONFIGURATION



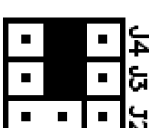
PUSH TO TALK



TOGGLE, MUTED ON POWERUP



TOGGLE, ACTIVE ON POWERUP



ALWAYS ACTIVE

NOTES

1. MICROPHONE OUTPUT IS TRANSFORMER COUPLED BALANCED 600 OHM ISOLATED
2. FOR UNBALANCED USAGE, CONNECT OUT+ TO INPUT, AND OUT- TO EARTH/GROUND.
3. 8-WAY CONNECTOR TYPE IS PHOENIX MC 1,5/8-ST-3,81 OR EQUIVALENT
4. 2-WAY CONNECTOR TYPE IS PHOENIX MC 1,5/2-ST-3,81 OR EQUIVALENT
5. CONNECTORS ARE SUPPLIED WITH UNIT
6. MICROPHONE GAIN IS ADJUSTABLE WITH THE VR1 POTENTIOMETER CONTROL
7. RELAY CHANGES STATE DEPENDENT ON MICROPHONE STATE
8. RELAY STATE IS OFF WHEN MICROPHONE IS MUTED
9. RELAY CONTACT SPECIFICATION: 24 V @ 2A MAX NON INDUCTIVE
10. JUMPER J1 SETS WHETHER MICROPHONE IS ELECTRET OR DYNAMIC TYPE
11. JUMPER J2 SETS THE STATE OF THE MICROPHONE AFTER POWER FAILURE
12. JUMPER J3 SETS WHETHER THE PUSHBUTTON MUTES/UNMUTES THE MIC IN A MOMENTARY OR LATCHING FASHION
13. JUMPER J4 IS USED IN CONJUNCTION WITH J3 TO SET MIC TO BE ALWAYS ACTIVE

REV	DATE	CHANGE DESCRIPTION	BY
1	2006-12-12	ADDED NEW DETAIL FOR REVISION 1 PCB.	MA.
2	2008-06-27	MADE CORRECTIONS AND CLARIFICATIONS TO NOTES.	MA.
3	2011-11-04	UPDATE FOR PCB REV 2.0, CHANGED NOTES ON OUTPUT TYPE AND USAGE.	MA.
4	2014-10-03	UPDATE TO VIEW OF PCB399, REMOVAL OF PIN 3 WIRING FROM 8 WAY CONNECTOR, DWG FRAME UPDATED.	LFBB

JACQUES
Future Proof Communications

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UNIVERSAL MICROPHONE PREAMPLIFIER			
DRAWN:	DATE:	ADAPTED FROM:	
MAJ	2006-08-03	N/A	51146-WIR.dwg
CHECKED:	DATE:	SCALE:	SHEET:
		N.T.S.	1 of 1
APPROVED:	DATE:	DWG NO:	
		51146-WIR	
		SIZE:	REV:
		A3	4