

**Appendix F: Routing Matrix Worksheet**

Routing Matrix Setup		Outputs				G-Link			Sub-bus		Outputs							
		A	B	C	D	X	Y	Z	S1	S2	1	2	3	4	5	6	7	8
	Input A																	
	Input B																	
	Input C																	
	Input D																	
	G-Link X Bus					G												
	G-Link Y Bus						G											
	G-Link Z Bus							G										
	Sub-bus S1 In								G									
	Sub-bus S2 In									G								
	Mic / Line 1*																	
	Mic / Line 2*																	
	Mic / Line 3*																	
	Mic / Line 4*																	
	Mic / Line 5*																	
	Mic / Line 6*																	
	Mic / Line 7*																	
	Mic / Line 8*																	

\*Inputs 1-8      G = Gated      N = Non gated

Echo Cancellation Setup	Outputs								G-Link EC Ref					
	A	B	C	D	1	2	3	4		5	6	7	8	
Define EC Ref #1														
Define EC Ref #2														
Define G-Link EC Ref Bus														



**Appendix G:  
Programming  
Worksheet** 

System Wide Parameters											Auto Mix Parameters																				
Program Parameter	Selection Range	1	2	3	4	5	6	7	8	A	B	C	D	S1	S2	Program Parameter	Selection Range	1	2	3	4	5	6	7	8	A	B	C	D		
Preset	1-6															PA Adaptive	On, Off														
Lock Front Panel	On, Off															Maximum No. of Mics.	Off, 1-8 (4)														
Set Passcode	Any Front Panel Keys															First Mic Priority	On, Off														
Device ID No.	0-7															Last Mic Mode	Last On, Off or Mic 1														
Unit ID No.	Factory Programmed															Gate Ratio	0-50dB (15)														
Mixer Mode	Master-Single, Master-Linked, Slave, Dual															Off Attenuation	0-50dB (12)														
RS232 Baud Rate	9.6, 19.2, 38.4 kbps															Hold Time	.1-8.0 seconds (3)														
RS232 Flow Control	On, Off															Decay Rate	Slow, Medium, Fast														
Modem Mode	On, Off															Manual Ambient	0dB to -70dB (-30)														
Clear Modem Password	Enter															When audio has to be perfect															
Timeout	0-15 (10)																														
Input Channel											Output Channel																				
Program Parameter	Selection Range	1	2	3	4	5	6	7	8	A	B	C	D	S1	S2	Program Parameter	Selection Range	1	2	3	4	5	6	7	8	A	B	C	D		
Input Gain Adjust	-20dB to 20dB (0)															Program Parameter	Selection Range														
Subbus Attenuation	0dB to -20dB (-6dB)															Output Gain Adjust	-20dB to 20dB (0)														
Input Type	Mic 55dB, Mic 25dB, Line															Mute	On, Off														
Microphone Activation	Auto, Override On/Off, Manual On/Off															NOM	On (A-D) or Off (1-8)														
Mute	On, Off																														
Phantom Power	On, Off																														
AGC	On, Off																														
High-Pass Filter	On, Off																														
EQ	On, Off																														
Low Band EQ	-12dB to 12dB (0)																														
Mid Band EQ	-12dB to 12dB (0)																														
High Band EQ	-12dB to 12dB (0)																														
Chairman Mic	On, Off																														
Adaptive Ambient	On, Off																														
EC Reference	1, 2																														
Echo Cancellation	On, Off																														
NLP	Off, Soft, Medium, Aggressive																														

**Appendix H: AP800 Block Diagram**

