COMPANY	SAMSON
TYPE CODE	
APPROVED DATE	

APPLICANT	REVISED NUMBER AND DATE		
	1. 2004.11.01	4.	7.
	2. 2005.03.09	5.	8.
	3.	6.	9.

SIGN	DRAWN	CHECKED	APPROVED

NOTE

SX-1200
1. R140-R142 & R158-R160 are changed from 0.22ohm/3watts to 0.33ohm/3watts
2. R178 is changed from 150kohm to 120kohm
3. R170,R171 are changed from 1.7kohm/0.25watts to 3.3kohm/0.25watts
4. R172,R173 are changed from 82kohm to 68kohm

SX-1800
1. R140-R144 & R158-R162 are changed from 0.22ohm/3watts to 0.33ohm/3watts
2. R170,R171 are changed from 750ohm/0.25watts to 1.8kohm/0.25watts

SHEET NO. 1/1

SCHEMATIC DIAGRAM

MODEL : SX1200/SX1800

CH1

CH2

Without SX1200

HEAT SINK

SW301 SLIDE/3POLE

AC INPUT		
	115V	230V
T1	BLUE	X
T2	WHT	WHT
T3	BLK	X
T4	GRY	GRY
T5	RED	RED
T6	BLK	BLUE
T8	WHT	WHT

* VALUE INFO.		
	SX1200	SX1800
R107	33K	39K
R109	33K	39K
R181	82K	47K
C203 C207 C204 C208	3300/100	4700/100
R170 R171	3.3K 1/4W	1.8K 1/4W
R172 R173	68K	82K

⚠ VALUE INFO.				
		100V	115V	240V
F101	SX1200	10A	10A	6A
	SX1800	15A	15A	8A
PT1	SX1200	411-SX1200D-393	411-SX1200-386	411-SX1200C-392
	SX1800	411-SX1800D-395	411-SX1800-385	411-SX1800C-394

•SERVICE INFORMATION

1.RESISTANCE VALUES ARE INDICATED IN OHMS UNLESS OTHERWISE SPECIFIED. (K=1,000, M=1,000,000)
2.CAPACITANCE VALUES ARE SHOWN IN MICROFARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICROFARADS)
3.ALL VOLTAGES ARE REFFERED TO GROUND UNDER THE FOLLOWING CONDITIONS.
DC/NO SIGNAL EXCEPT WHERE INDICATED. AC/RMS
4.-PRECAUTION-
A)ALL COMPONENTS ⚠ MARKED MUST BE REPLACED ONLY WITH ORIGINAL TYPE SPECIFIED BY THE MANUFACTURER, SAMSON TECHNOLOGIES CORPORATION AND INSTALLED AS THE ORIGINAL SPACERS AND POSITIONED AWAY FORM ADJACENT COMPONENTS WHERE APPLICABLE.
B)ALL SOLDERING MUST BE DONE IN A PROFESSIONAL MANNER USING ROSIN CORE SOLDER ONLY.
C)ALL COVERS, SHIELD AND INSULATING SPACERS MUST BE REPLACED BEFORE RETURNING UNIT TO CUSTOMER.
D)A DAMAGE POWER SUPPLY CORD MUST BE REPLACED BEFORE RETURNING TO CUSTOMER.
E)DIELECTRIC TEST CONSISTING OF 120V AC 60HZ IS TO BE APPLIED BETWEEN BOTH BLADES OF THE POWER SUPPLY CORD ATTACHMENT PLUG AND THE EXPOSED CONDUCTIVE SURFACE OF THE UNIT FOR A PERIOD OF NOT LESS THAN ONE SECOND BEFORE RETURNING UNIT TO CUSTOMER.
F)THE ⚠ MARKED RESISTORS ARE MOUNTED TO THE P.C.B ON SLEEVES.