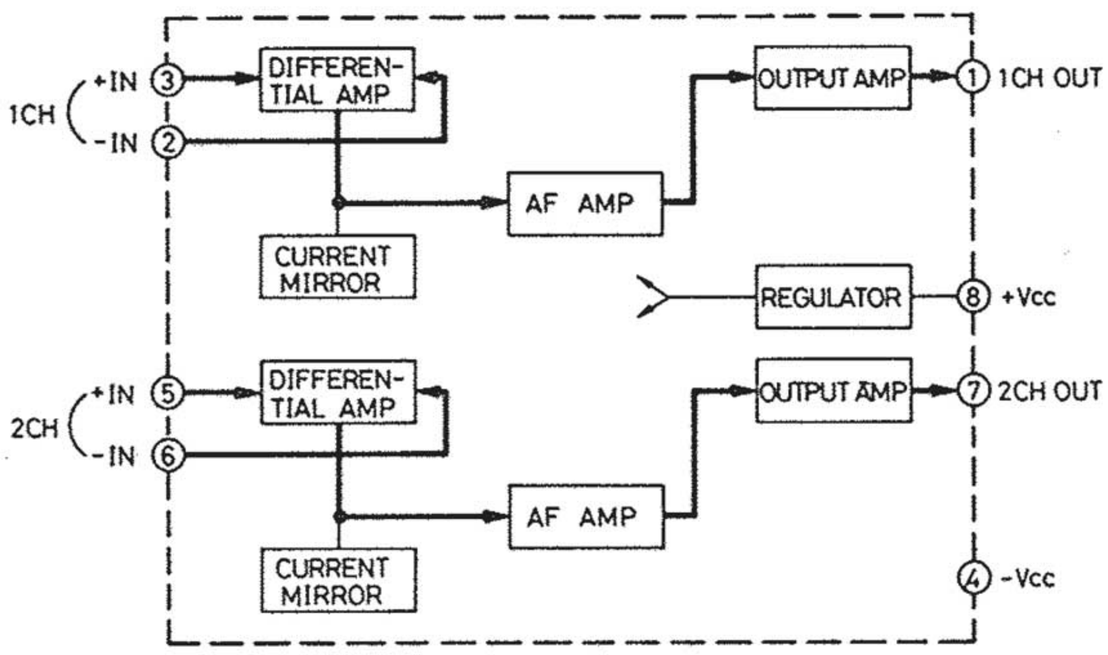
Schematic Diagram ... Model SH-9020

Notes:

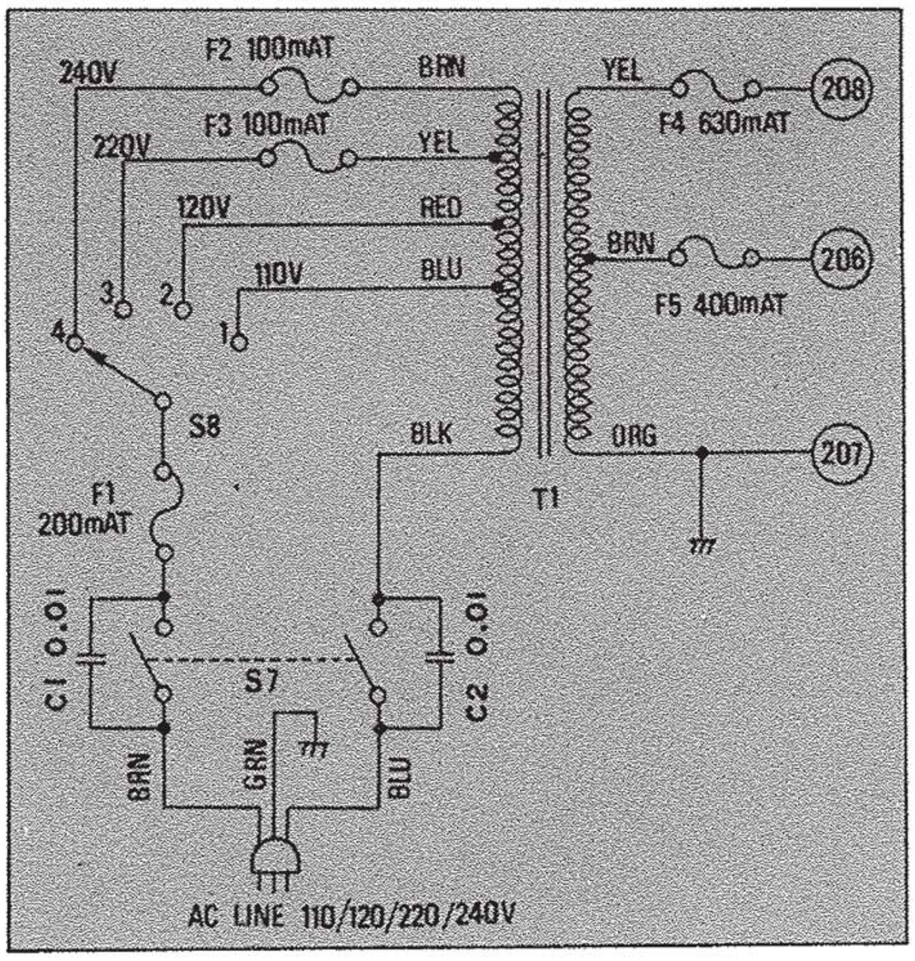
1. **S1**(L)(R): Input 1 switch in "**push (ON)**" position.
2. **S2**(L)(R): Input 2 switch in "**OFF**" position.
3. **S3**(L)(R): Input 3 switch in "**OFF**" position.
   S1, 2 and 3 switches are interlocked with each other; if one is pushed in, the other will return outward auto-matically.
4. **S4**(L)(R): Meter sensitivity selector switch in "**0dB**" position.
   ■ 0dB ↔ ▬ +20dB
5. **S5-1 ~ S5-5**: Mode switch in "**peak**" position.
   (1) peak hold ↔ (2) peak ↔ (3) average
6. **S6**(L)(R): Input 3 (speaker) impedance selector switch in "**6Ω**" position.
   (1) 8Ω ↔ (2) 6Ω ↔ (3) 4Ω
7. **S7**: Power source switch in "**OFF**" position.
8. **S8**: Voltage selector switch in "**240V**" position.
   (1) 110V ↔ (2) 120V ↔ (3) 220V ↔ (4) 240V
9. ▭ Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high impedance) with the chassis taken as standard, Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
10. Marks are signal line.
11. This schematic diagram may be modified at any time with the development of new technology.

■ BLOCK DIAGRAM OF I.C.

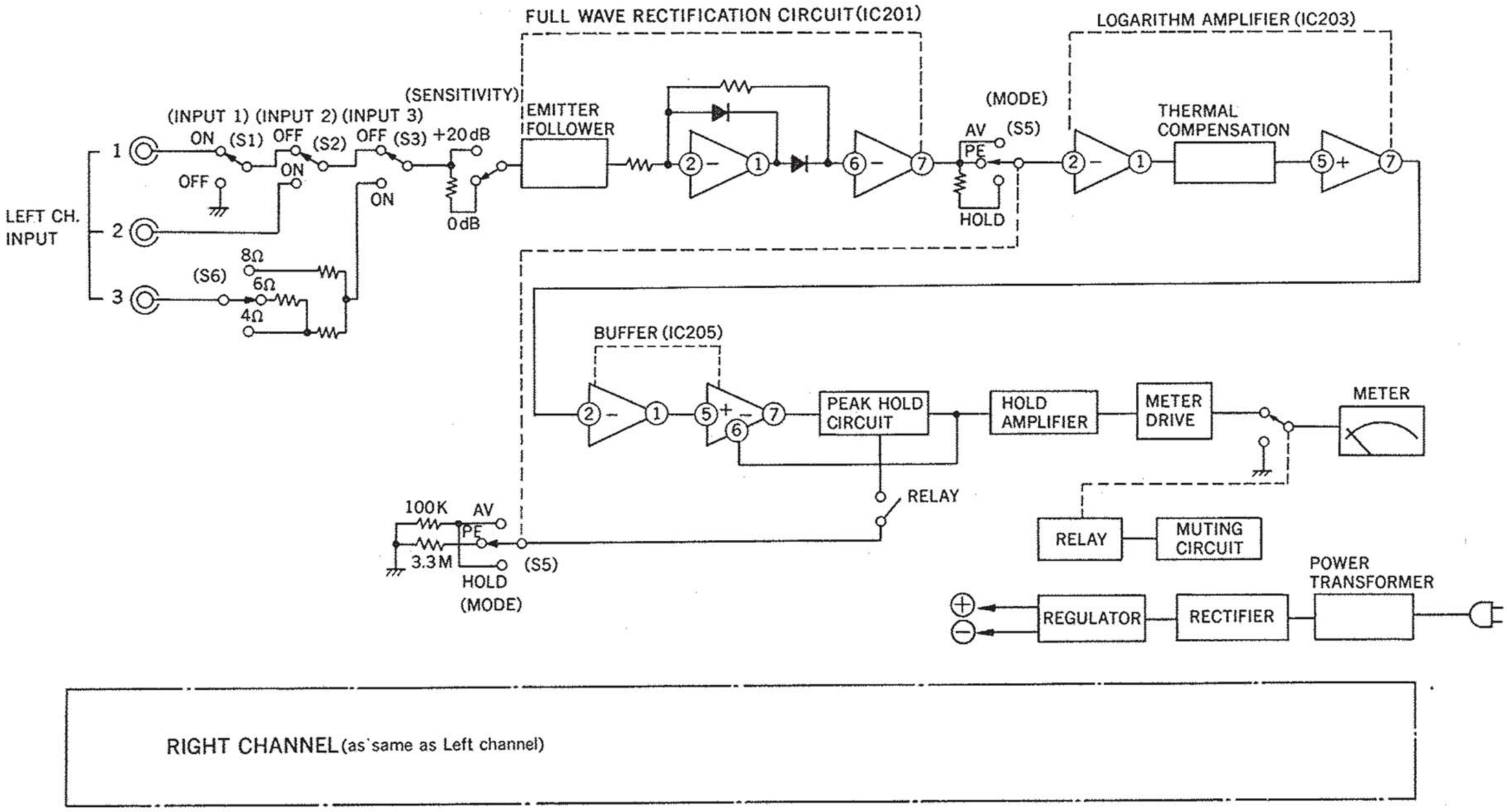
(SVINJM4558DS or SVINJM4558DG)



■ POWER SOURCE OF PRODUCTS FOR ENGLAND (XE)



■ BLOCK DIAGRAM



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FULL WAVE RECTIFICATION CIRCUIT

LOGARITHM AMPLIFIER

BUFFER

HOLD AMPLIFIER

METER DRIVE CIRCUIT

SUP10511C

SUP10511B

INPUT

LEFT

RIGHT

INPUT 3

S1(L) S2(L) S3(L) S4(L) S6(L)

S1(R) S2(R) S3(R) S4(R) S6(R)

S5-4 S5-5 S5-3 S5-2 S5-1

TR201, 202
2SC1327

TR203, 204
2SA798

TR209, 210, 215, 216
2SC1327

TR211~214, 217, 218
2SA721

D215,216
SVDEQA0106

D201~214
MA150

IC203~206
SVINJM4558DS

IC201, 202
SVINJM4558DG

SUP10511A

TR307
2SA777

TR301
2SC1567

TR303, 305, 306
2SC1327

TR302
2SA794

TR304
2SA721

D301~304,308,309
SVDIOE1

D307
SVDEQA0106

SUP10711

TR401~404
2SK30A

D401, 402
SVD10E1

LEVEL METER

LAMP

(L)

(R)

T1

240V 220V 120V 110V

F1 200mAT F2 100mAT F3 100mAT F4 630mAT F5 400mAT

S7 S8

AC LINE
110/120/220/240V

PEAK HOLD CIRCUIT

Printed in Japan SQX259