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## Introduction

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These 45 series modules are the same as the original designs, and contain all of the original components.

### 1073 Channel Amplifiers

These very popular sounding mic pre's are considered by many to capture the very essence of the Neve sound. In manufacture since the early 1970s, the Class A design offers 3 bands of EQ with one fixed high frequency and a high pass filter.

### 1084 Channel Amplifiers

Based on the same technology as the 1073s, the 1084s again deliver the unique sound and quality of Neve. However, the 1084s offer additional features, including 3 switchable EQ bands with cut and boost, a high Q for presence and low pass/high pass filters.

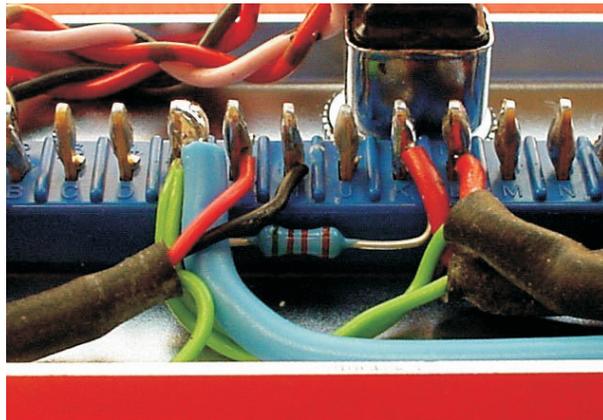
## High Pass Filter (resistor modification)

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### Important Note

The high pass filter in both the 1073 & 1084 modules is a passive design and as such must be correctly terminated to achieve a maximally flat response.

In order to achieve this there is a 5k $\Omega$  resistor fitted inside the module on the back connector between pin E (0v) and pin K (fader send) see diagram below:



In situations where the **fader connection is not used** (most Neve 45 series consoles except BCM10's) then the resistor remains in place.

In situations where the **fader connection is used** (BCM10's and AMS Neve 1073/1084 racks) then the 5k $\Omega$  resistor should be disconnected and replaced with a fader or potentiometer whose value is 4k7 / 5k ohms.

**Failure to do so will result in incorrect levels and uneven frequency response.**

## Installation

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The 1073s and 1084s are available as stand-alone modules, or in a choice of two housings.

The 3U rack houses two modules mounted horizontally in a 19" rack-mounting unit.

The 5U rack houses eight modules mounted vertically in a 19" rack-mounting unit.

Both have rear panels with XLRs for transformer balanced I/O.

The 3U rack rear panel has a fused, voltage selector IEC mains input connector. The 5U rack has a free standing AC supply with a fused, voltage selector IEC mains input connector and connects to the rack via a connector and a 1.5 meter cable.

Modules of any combination can be fitted into a rack unit.

***Example: 5U Rack fitted with 1084 modules***

## Additional Information

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\*Rack Mount Instructions \* \_

A) Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T<sub>ma</sub>) specified by the manufacturer.

B) Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

C) Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

D) Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

E) Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

Recommended T<sub>ma</sub> = 50 deg C

## Mains Voltage Adjustment

- 1.) Switch off unit.
- 2.) Remove fuse.
- 3.) Turn inner barrel with screwdriver or coin until correct voltage figure is under the white arrow on the housing.
- 4.) Replace fuse.

## Dimensions

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Stand-alone Modules	Width mm (inches)	Height mm (inches)	Depth mm (inches)	Approx. Weight kg (lbs)
1073 Module	45 (1.8)	222 (8.75)	254 (10)	2.5 (5.5)
1084 Module	45 (1.8)	222 (8.75)	254 (10)	2.5 (5.5)

19" Rack Mounting	U	Depth mm (inches)	Height mm (inches)	Approx. Weight kg (lbs)
2 Module Version	3	405 (16)	133 (5.25)	11 (24.2) *
8 Module Version	5	405 (16)	222 (8.75)	30 (66) *

\* Fully populated rack

## Power Requirements

Rack Units	3U	5U
Rated Voltage	100-230V AC	100-230V AC
Rated Frequency	50-60 Hz	50-60Hz
Rated Current	0.5A Max	0.8A Max
Primary Protection Fuse:		
Operating Voltage	100-230V AC	100-230V AC
Fuse Rating and Type	T0.5A H 250V 20mm x 5mm CERAMIC	T1A H 250V 20mm x 5mm CERAMIC
Location	IEC Mains connector	IEC Mains connector
Secondary Protection Fuse:		
Output Voltage		24V DC
Fuse Rating and Type		T 2.0A L 250V 20mm x 5mm GLASS
Location		<b>F1</b>
Output Voltage		48V DC
Fuse Rating and Type		T 250mA L 250V 20mm x 5mm GLASS
Location		<b>F2</b>

Modules	Power
1073 Module	106mA $\pm$ 10mA at 24V DC. Negative Earth
1084 Module	106mA $\pm$ 10mA at 24V DC. Negative Earth

### Mains Supply (rack units)

The 3U rack has a fused, voltage selector IEC mains input connector.

The 5U rack has a free standing AC supply with a fused, voltage selector IEC mains input connector and connects to the rack via a connector and a 1.5 meter cable.

The mains switch on the rear panel of the 3U rack unit is non-illuminating.

The CH (chassis) and 0V are linked internally.

### DC Power Supply Indicators (rack units)

The red LED on the front panel of both 3U and 5U rack units indicates +24V power healthy when illuminated.

The green LED on the front panel of both 3U and 5U rack units indicates +48V power healthy when illuminated.

## **Phantom Power**

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Phantom power can be supplied to each module by pressing the phantom power switch on the front panel of the 3U or 5U rack. The LED in the switch will illuminate confirming that phantom power is supplied.

## **Output Level Control**

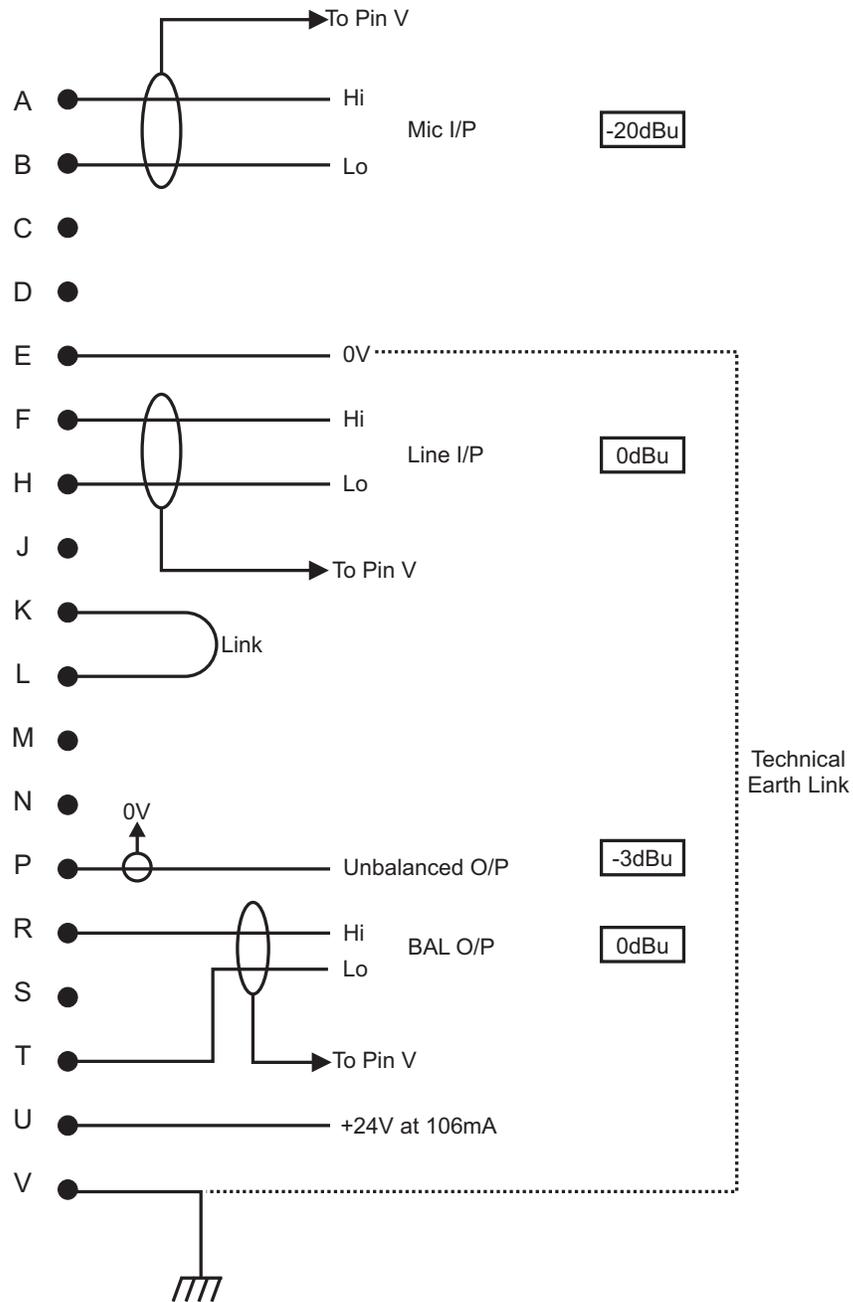
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Each channel has an independent Output Level Control. The control is post-input, post-EQ and pre-output. This control can reduce the level at the output.

When the Output Control is fully clockwise the output gain is unity. The output is 20dB down with the control in the mid-position.

# Connector Details

## Standalone 1073 & 1084 Module Wiring to 18 way Free Plug



## Amplifier Controls

### 1073 Module



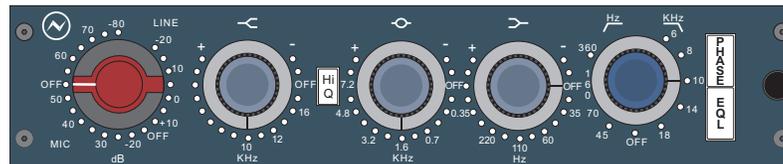
- High Frequency: Smooth +/-16dB fixed frequency shelving at 12kHz.
- Low Frequency: Smooth +/-16dB shelving with selectable frequencies of 35Hz, 60Hz, 110Hz & 220Hz.
- Mid Frequency: Smooth +/-18dB peaking, fixed 'Q' with, selectable centre frequencies of 0.36kHz, 0.7kHz, 1.6kHz, 3.2kHz, 4.8kHz & 7.2kHz.
- High Pass Filter: 18dB per octave slope, switchable between 50Hz, 80Hz, 160Hz & 300Hz.
- EQL Button: Switches the equaliser in or out of circuit.
- Phase Button: Gives 180° Phase change at Balanced Output.



### 1084 Module



- High Frequency: Smooth +/-16dB shelving with selectable frequencies of 10kHz, 12kHz and 16kHz.
- Low Frequency: Smooth +/-16dB shelving with selectable frequencies of 35Hz, 60Hz, 110Hz & 220Hz.
- Mid Frequency: Smooth +/-12dB or +/-18dB peaking with switchable 'High Q', selectable centre frequencies of 0.36kHz, 0.7kHz, 1.6kHz, 3.2kHz, 4.8kHz & 7.2kHz.
- High Pass Filter: 18dB per octave slope, switchable between 45Hz, 70Hz, 160Hz & 360Hz.
- Low Pass Filter: 18dB per octave slope, switchable between 6kHz, 8kHz, 10kHz, 14kHz, & 18kHz.
- EQL Button: Switches the equaliser in or out of circuit.
- Phase Button: Gives 180° Phase change at Balanced Output.



## Specifications

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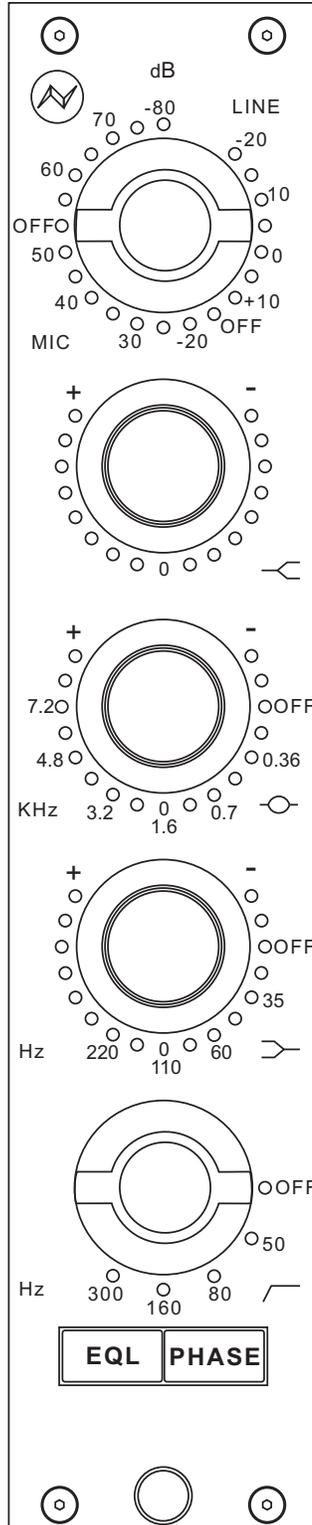
### 1073 and 1084 Modules

Microphone Input:	Input Impedance 300 $\Omega$ or 1200 $\Omega$ , gain +80db to +20dB in 5dB steps.
Line Input:	Input Impedance 10,000 $\Omega$ bridging, gain +20dB to -10dB in 5dB steps. Both inputs are transformer balanced and earth free.
Output:	Maximum output is >+26dBu into 600 $\Omega$ . Output impedance is 75 $\Omega$ @1kHz. Output is transformer balanced and earth free.
Distortion:	Not more than 0.07% from 50Hz to 10kHz at +20dBu output (80kHz bandwidth) into 600 $\Omega$ .
Frequency Response:	+/-0.5dB 20Hz to 20kHz, -3dB at 40kHz Eq Out.
Noise:	Not more than -83dBu at all Line gain settings Eq In/Out (22Hz to 22kHz bandwidth). EIN better than -125dBu @ 60dB gain.

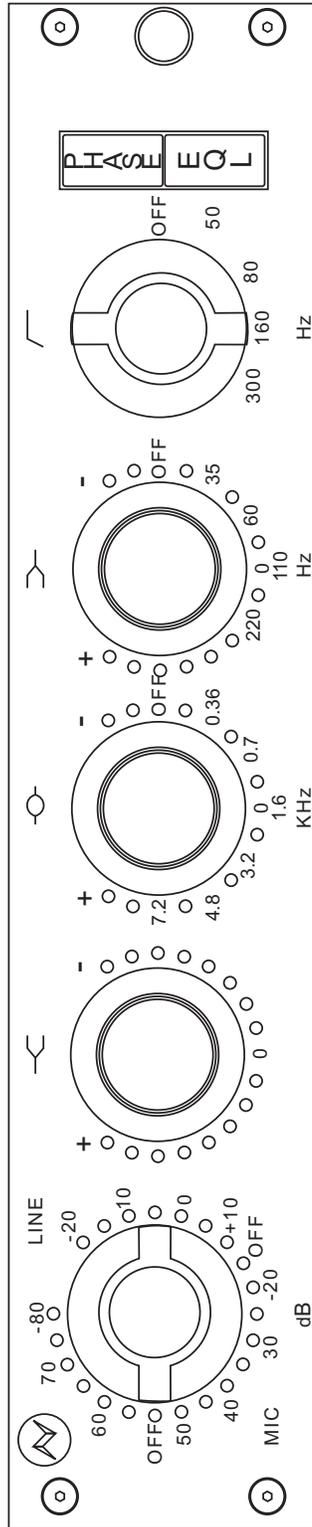
# Recall Sheets

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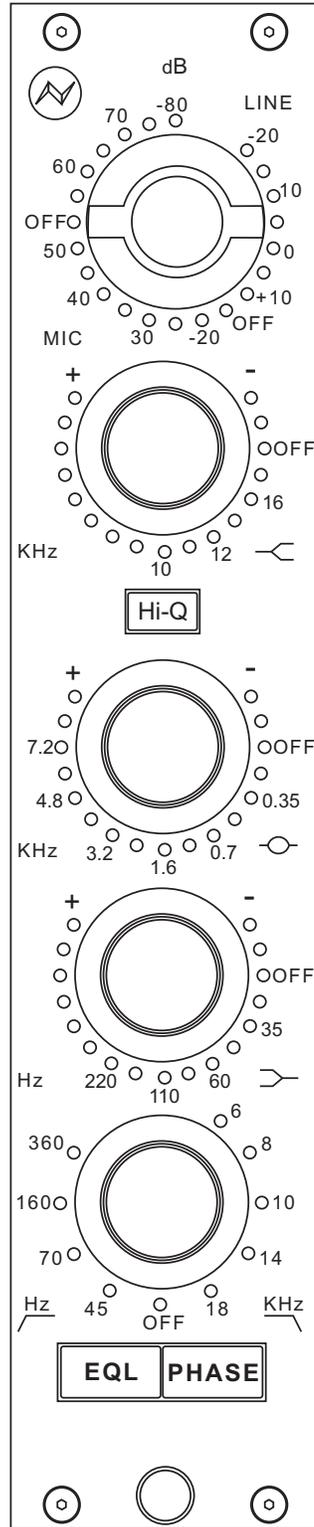
## 1073 - Vertical Module



### 1073 - Horizontal Module



### 1084 - Vertical Module





## Service Information

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### Schematic Drawing Index - 1073/1084 Racks

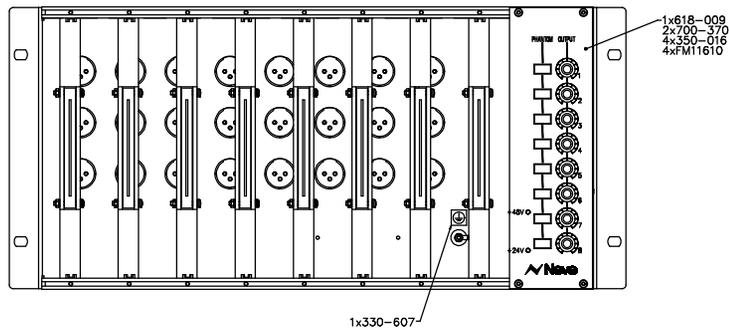
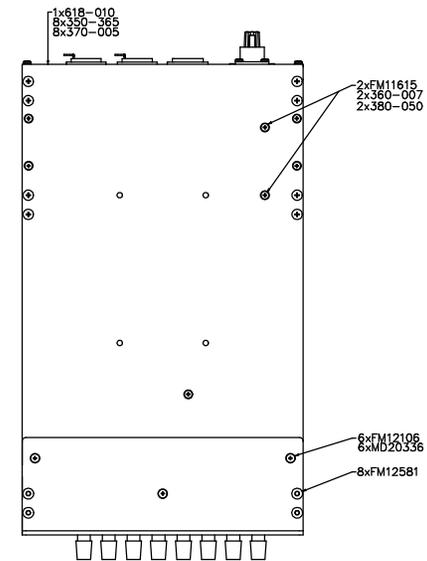
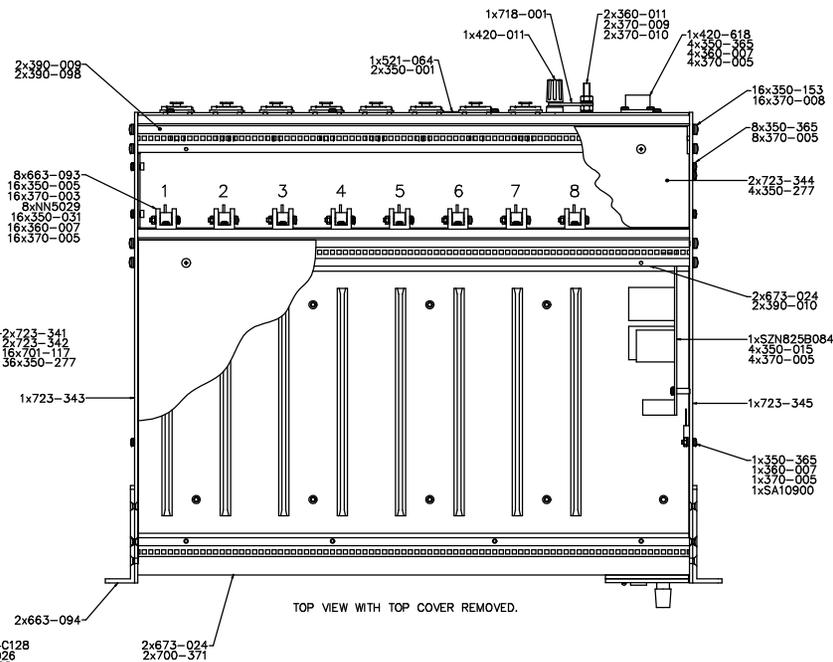
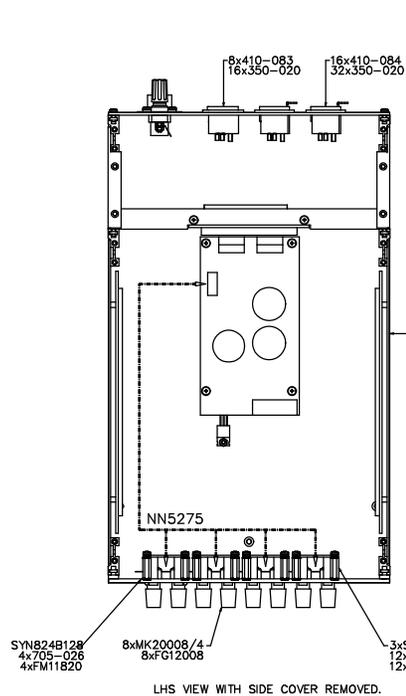
3U Horizontal Rack (AM5028)	AM5028 Assembly Drawing AM5028 Wiring Diagram
5U Vertical Rack (AM5033)	AM5033 Assembly Drawing AM5033 Wiring Diagram

### Schematic Drawing Index - 1073 Module

1073 Channel Amplifier (PL31073-C)	E10006 Block Diagram EH10023 Circuit Diagram
High Pass Filter (PL10182/C)	PL10182/C Assembly Drawing D/10019C Circuit Diagram
HF/LF EQ Frequency (PL10205)	PL10205 Assembly Drawing D/10042 Circuit Diagram
Presence Frequency (PL10211)	BA211 Assembly Drawing D/10048 Circuit Diagram
Mic Line Output (PL10283AV)	PL10283 Assembly Drawing EX10283 Circuit Diagram
Mic Amp/EQ Amp (PL10284)	PL10284 Assembly Drawing EX10284 Circuit Diagram
Sensitivity Switch (PL20033)	EK20033 Wiring Diagram
Low Frequency Switch (PL20065)	EK20065 Wiring Diagram
HP Filter Switch (PL20066)	EK20066 Wiring Diagram
Presence Switch (PL20105)	EK20105 Wiring Diagram

**Schematic Drawing Index - 1084 Module**

1084 Channel Amplifier (PL31084-C)	EB20039 Block Diagram EH10036 Circuit Diagram
High Pass Filter (PL10182/A)	PL10182/A Assembly Drawing D/10019A Circuit Diagram
Low Pass Filter (PL10194/A)	PL10194/A Assembly Drawing D10031/A Circuit Diagram
HF/LF EQ Frequency (PL10205)	See 1073 drawing section
Presence Frequency (PL10211/A)	PL10211/A Assembly Drawing D/10048/A Circuit Diagram
Mic Line Output (PL10283AV)	See 1073 drawing section
Mic Amp/EQ Amp (PL10284)	See 1073 drawing section
Sensitivity Switch (PL20033)	See 1073 drawing section
Low Frequency Switch (PL20065)	See 1073 drawing section
Presence Switch (PL20105)	See 1073 drawing section
High Frequency Switch (PL20106)	EK20106 Wiring Diagram
HP/LP Filter Switch (PL20107)	EK20107 Wiring Diagram



SWW	M18000/20V	21.9.06	5
D.R.H.	M16000/166	13.7.05	4
SWW	M18000/157	15.6.05	3
SWW	M18000/156	12.5.05	2
PF	D38000/PG	12.3.04	1
NAME	MOD. No.	DATE	ISS.

ISS.4 TO ISS.5:- VARIOUS MODS.  
ISS.3 TO ISS.4:- 1off SA10900 ADDET

THIRD ANGLE PROJECTION		DRAWN TO B.S.308		AMS NEVE PLC owns the copyright to this drawing. It must not be copied in whole or in part, used for manufacture or otherwise disclosed without prior written consent of the company. © AMS NEVE PLC.		TITLE: 1073/1084 8 CHANNEL VERTICAL RACK				
SCALE	1:1	DRAWN	APP'D	DATE	12.3.04	AMS NEVE PLC, BILLINGTON ROAD, BURNLEY, LANCs, BB11 5UB, ENGLAND, TEL. (01282) 457011 FAX. (01282) 417922.	DRG No.	AM5033	SHT	2



Title:1073/1084 Vertical Rack Wiring

Schedule Nr: AM5033

Issue: 5

CABLE			FROM:-			ROUTING			TO:-		
Code	Type	Colour	Pin	Connector	Location	Signal	Length	Comment	Pin	Connector	Location
310-166	32/0.2	Green/Yellow	E	420-618 Housing	R/P				Tag	4mm Binding post	R/P
310-219	32/0.2	Black	A	420-353 Contacts					4	J1 24VAC	SZN825B084
310-218	32/0.2	Red	B						3	24VAC	
310-084	32/0.2	Orange	C						2	48VAC	
WR13011	32/0.2	Yellow	D						1	48VAC	
310-166	32/0.2	Green/Yellow		330-069	Mid Rail					330-069	Backpanel
WR13010	32/0.2	Blue	2	J2 0V24	SZN825B084				Tag	Solder	0V Distribution
310-218	32/0.2	Red	1	J2 +24V	SZN825B084				Tag	Solder	+24V Distribution
WR13010	32/0.2	Blue	Tag	Solder	0V Distribution				Chassis	330-069	Top mid rail
310-031	7/0.2	Orange	1	420-691 Housing	SYN824C128				2&3	Via 6K8 res's	Mic In Ch 1
310-031	7/0.2	Orange	9	420-612 Contacts	(Ch1&2)				2&3	Via 6K8 res's	Mic In Ch 2
310-031	7/0.2	Orange	1	420-691 Housing	SYN824C128				2&3	Via 6K8 res's	Mic In Ch 3
310-031	7/0.2	Orange	9	420-612 Contacts	(Ch3&4)				2&3	Via 6K8 res's	Mic In Ch 4
310-031	7/0.2	Orange	1	420-691 Housing	SYN824C128				2&3	Via 6K8 res's	Mic In Ch 5
310-031	7/0.2	Orange	9	420-612 Contacts	(Ch5&6)				2&3	Via 6K8 res's	Mic In Ch 6
310-031	7/0.2	Orange	1	420-691 Housing	SYN824B128				2&3	Via 6K8 res's	Mic In Ch 7
310-031	7/0.2	Orange	9	420-612 Contacts	(Ch7&8)				2&3	Via 6K8 res's	Mic In Ch 8
Insert contacts into all the unused positions on the 420-691 housings to improve retention force											
								Fit heatsink	1	LM317T	Side plate
								washer & bush	2	SZN825B084 U3	
								use H/S grease	3		





Title: 1073/1084 Horizontal Rack

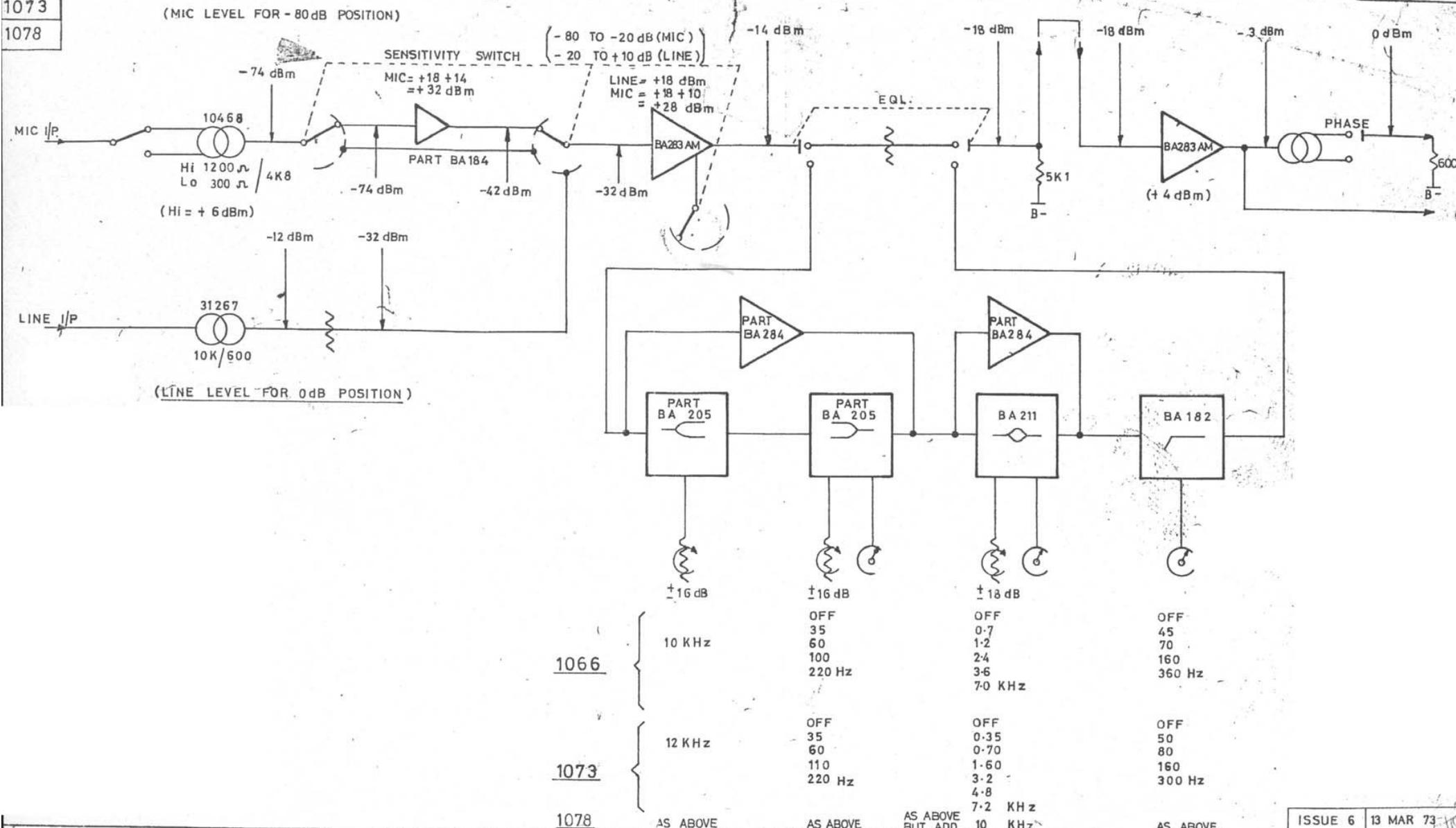
Schedule Nr: AM5028

Issue: 1

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310-183	24/0.2	Green/Yellow	E	330-071	IEC				Stud	330-454	Safety Earth
310-183	24/0.2	Green/Yellow		330-069	Chassis				Stud	330-454	Safety Earth
310-047	16/0.2	Brown	L	330-071	IEC			Sleeve with	1A	330-071	Switch
310-052	16/0.2	Blue	N	330-071	IEC			WA12005	2A	330-071	Switch
		Yellow			TF14021				1	CN20013	Switch
		Yellow			TF14021				Centre	Solder	TF19201
310-052	16/0.2	Blue	1(1of2)	Solder	TF19201				2	330-071	Switch
		Black			TF14021				1(2of2)	Solder	TF19201
		Brown			TF14021				3	Solder	TF19201
		Green			TF14021				2	Solder	TF19201
		Blue			TF14021				4(1of3)	Solder	TF19201
310-046	16/0.2	Black	4(2of3)	Solder	TF19201				4(2of3)	Solder	TF19201
		Red			TF14021				4(3of3)	Solder	TF19201
		Orange			TF14021				6	Solder	TF19201
		Violet			TF14021				5	Solder	TF19201
		Grey			TF14021				7	Solder	TF19201
		White			TF14021				3	J1 (25VAC)	SZN825A084
		White			TF14021				4	J1 (25VAC)	
310-052	16/0.2	Blue	2		SZN825A084				Bolt	330-069	Chassis
310-031	7/0.2	Orange	1	420-691 Housing	CN2				2+3	solder via 6K8 Res's	Mic In Ch1 XLR
310-031	7/0.2	Orange	9	420-612 Contacts	SYN824B12 8				2+3	solder via 6K8 Res's	Mic In Ch2 XLR

1066  
1073  
1078

E/10006

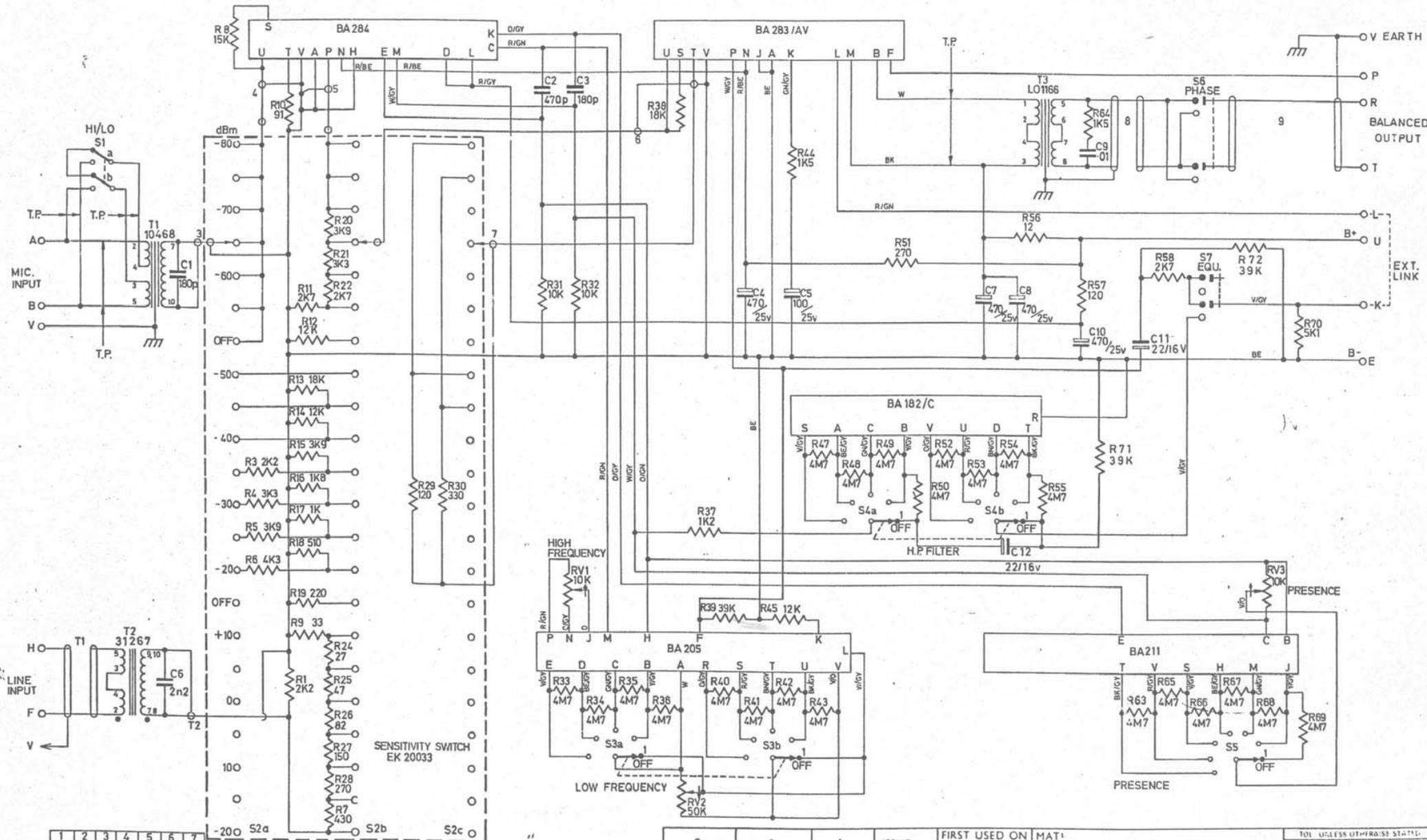


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TITLE CHANNEL AMPLIFIERS 1066, 1073, 1078

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ISSUE 4	16.2.72	DRAWING NUMBER
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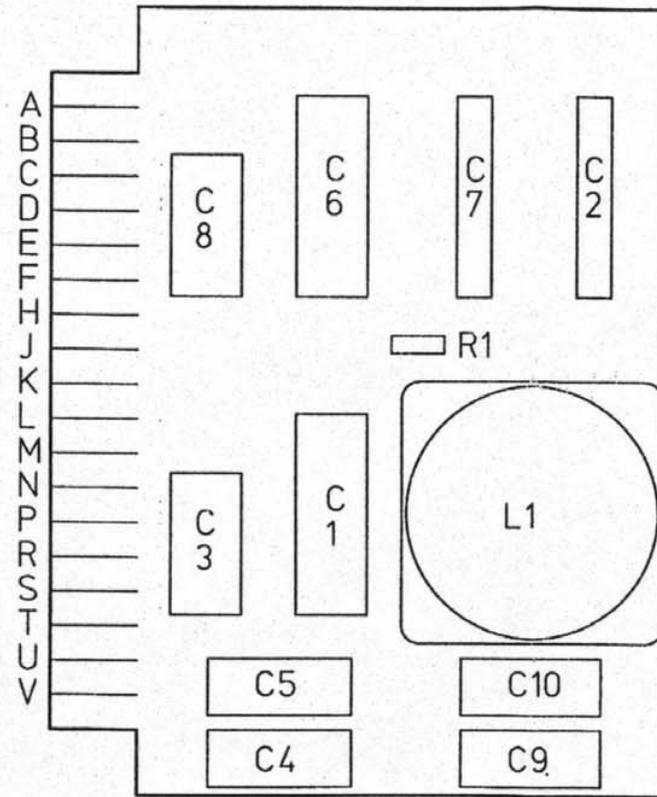
ISSUE 6 13 MAR 73



NOTE: ELECTROLUBE PCB CONNECTORS BEFORE INSERTING BOARDS.

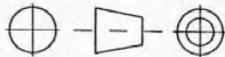
S3 RV2	1	2	3	4	5	6	7	SEE EK 20065
LOW FREQ.	OFF	35	60	110	220			
S4 H.P.F.	OFF	50	80	160	300			SEE EK 20066
S5 RV3 PRESENCE	OFF	36	7	1.6	3.2	4.8	7.2	SEE EK 20105

3	2	1	ISSUE	FIRST USED ON	MAT'L	TOL. UNLESS OTHERWISE STATED
17.5.74.	30.11.73	6/8/73	DATE	DRN. AHL	FINISH	LINEAR ANGULAR HOLES
10907	10816		CHANGE NOTE NO	TRACED D.G.J.	TITLE	ANGLE IN DIMS IN SCALE
			CHECKED		1073 CHANNEL AMP	DRG. NO. EH 10023
					Rupert News & Company Ltd	1973



PF	D38000/LS	23.09.03	1
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THIRD ANGLE PROJECTION



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TITLE: HIGH PASS FILTER PCB ASSEMBLY

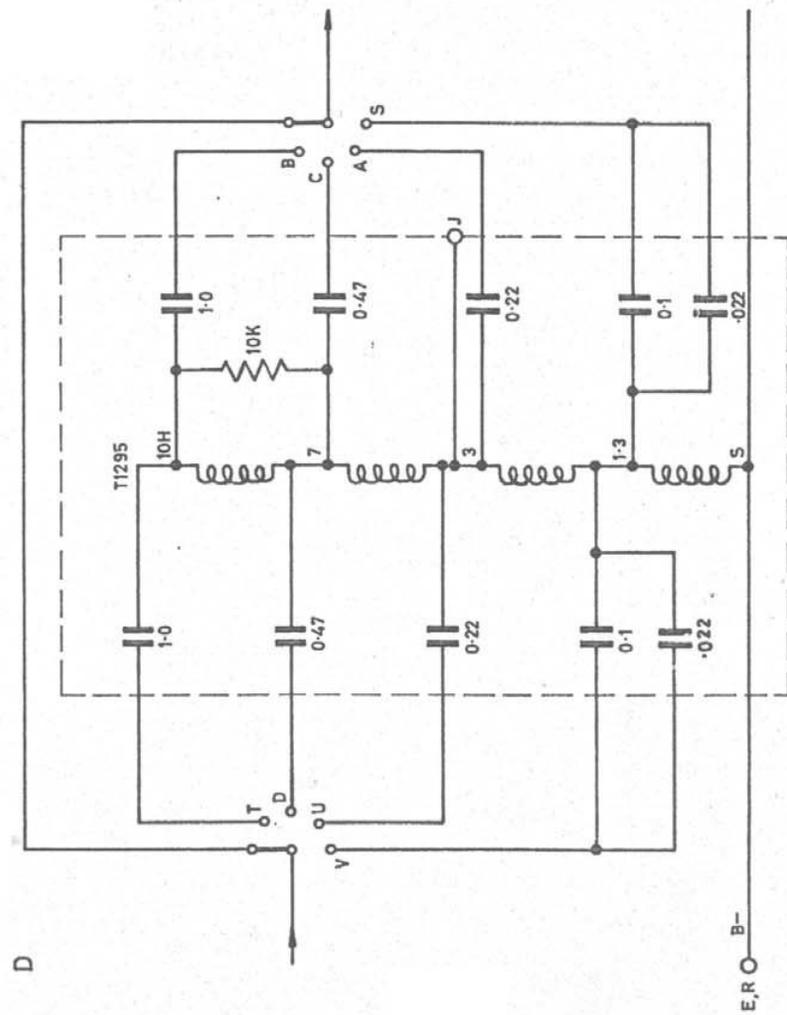
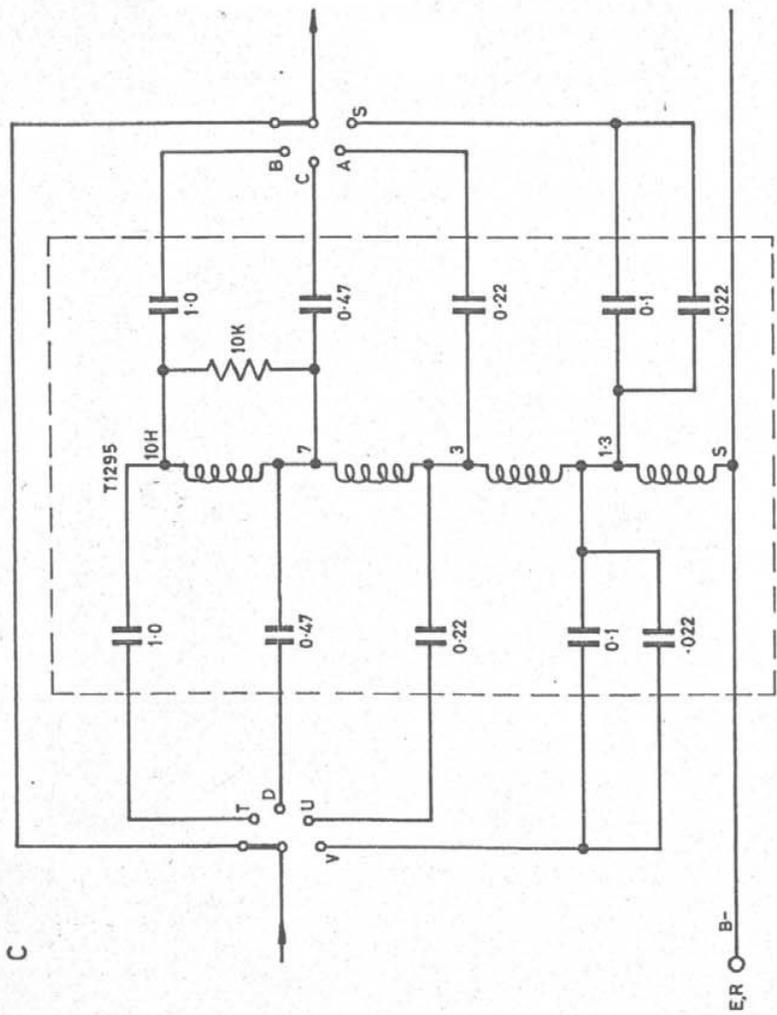
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PF	<i>MA</i>	23.09.03

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PL10182C	1

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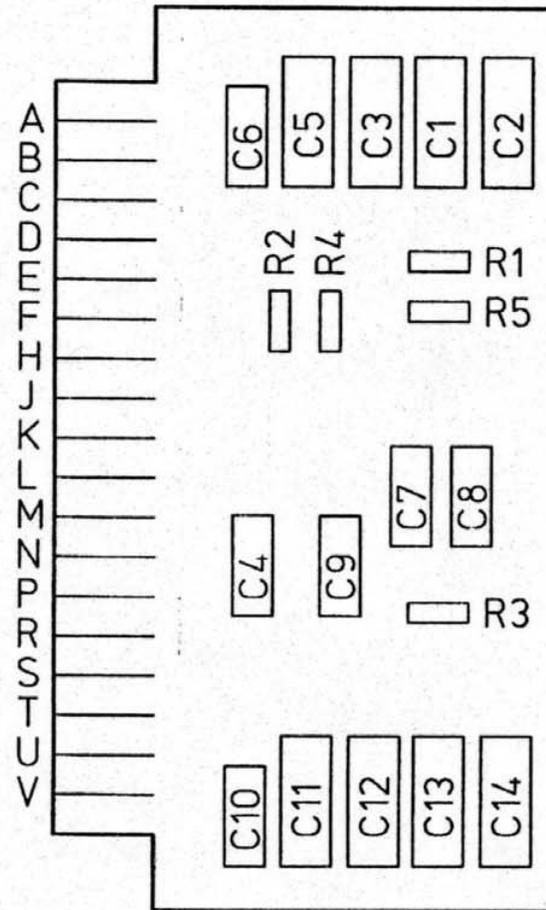


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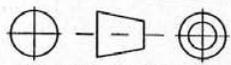
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TITLE: HF/LF FREQUENCY PCB ASSEMBLY

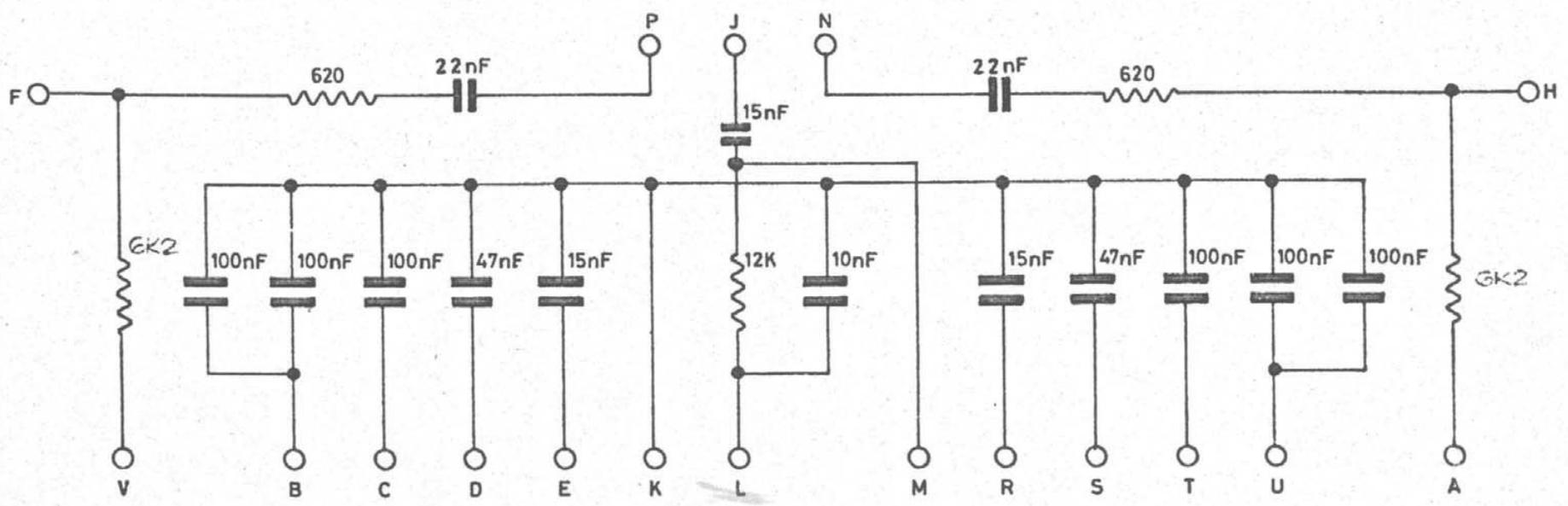


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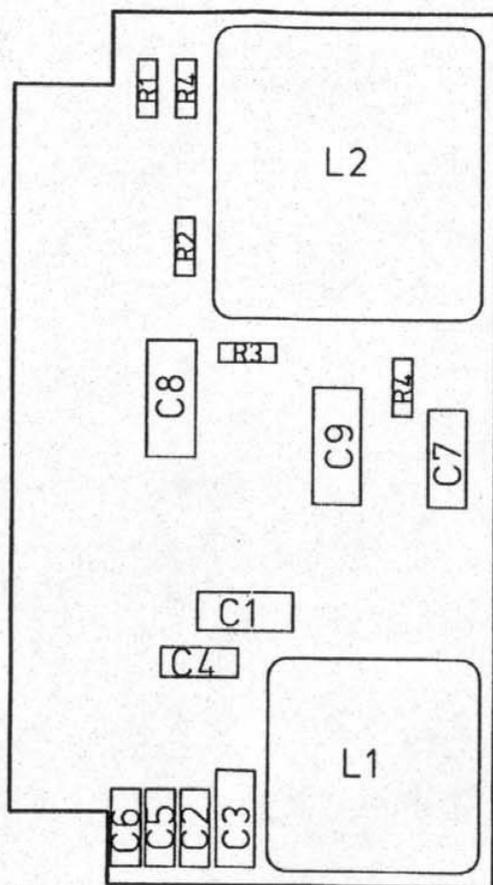
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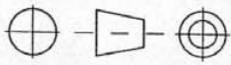
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DATE 24 FEB 71

DRAWING NUMBER D/10,042



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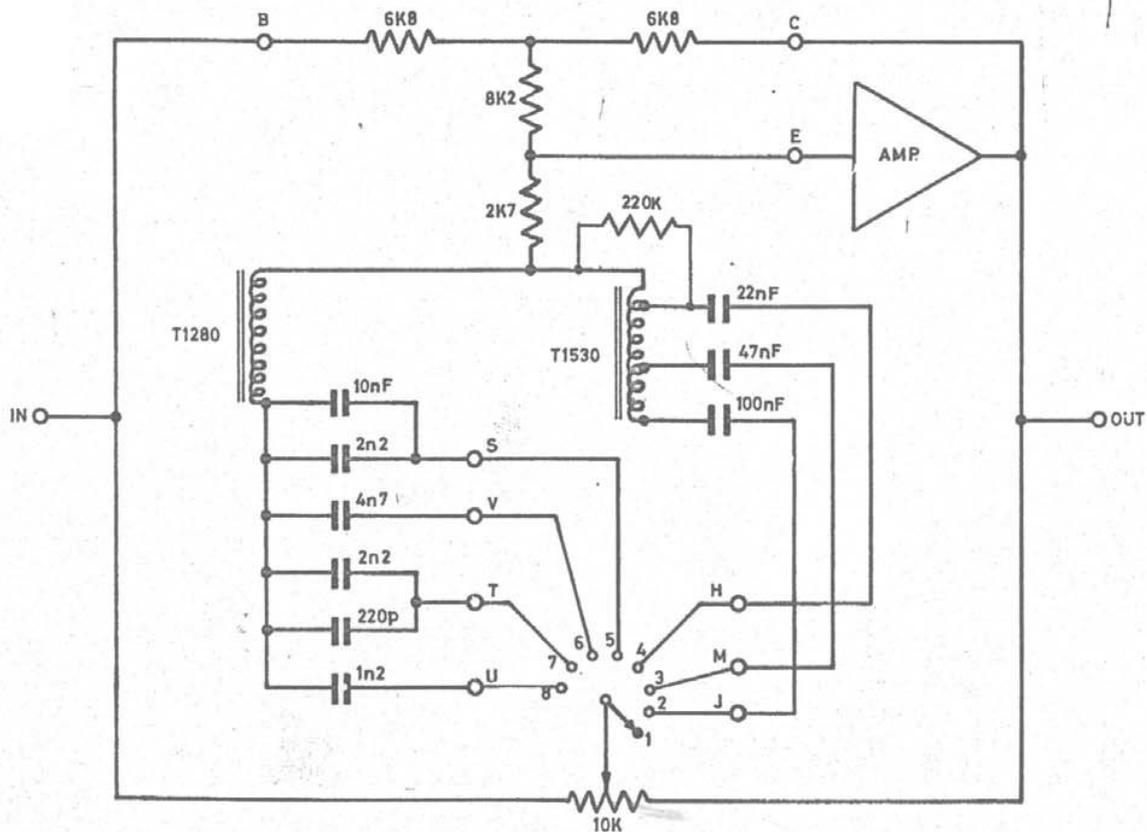
THIRD ANGLE PROJECTION  
  
 DRAWN TO B.S.308

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TITLE: PRESENCE FREQUENCY PCB ASSEMBLY



SCALE 1:1	DRAWN PF	APP'D <i>[Signature]</i>	DATE 23.09.03	AMS NEVE PLC. BILLINGTON ROAD, BURNLEY, LANCs. BB11 SUB. ENGLAND. TEL: 01282 552000 FAX: 01282 552001	DRG No. DI 10211	SHT 1
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- SW. POSNs.
- 1. OFF
  - 2. 0.36 KHz
  - 3. 0.7 KHz
  - 4. 1.6 KHz
  - 5. 3.2 KHz
  - 6. 4.8 KHz
  - 7. 7.2 KHz
  - 8. 10.0 KHz

4 13-6-75-11241 Gf

 The Neve Group of Companies

TITLE BA211

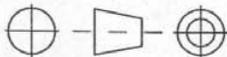
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C	16/11/71	10,364	DATE	21/12/70	
B	8/11/71	10,364	DRAWING		
A	20/5/71	10,217	NUMBER	D/10,048	



PF	D38000/LS	24.09.03	1
NAME	MOD. No.	DATE	ISS.

THIRD ANGLE PROJECTION



DRAWN TO B.S.308

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TITLE: MIC/LINE OUTPUT PCB ASSEMBLY

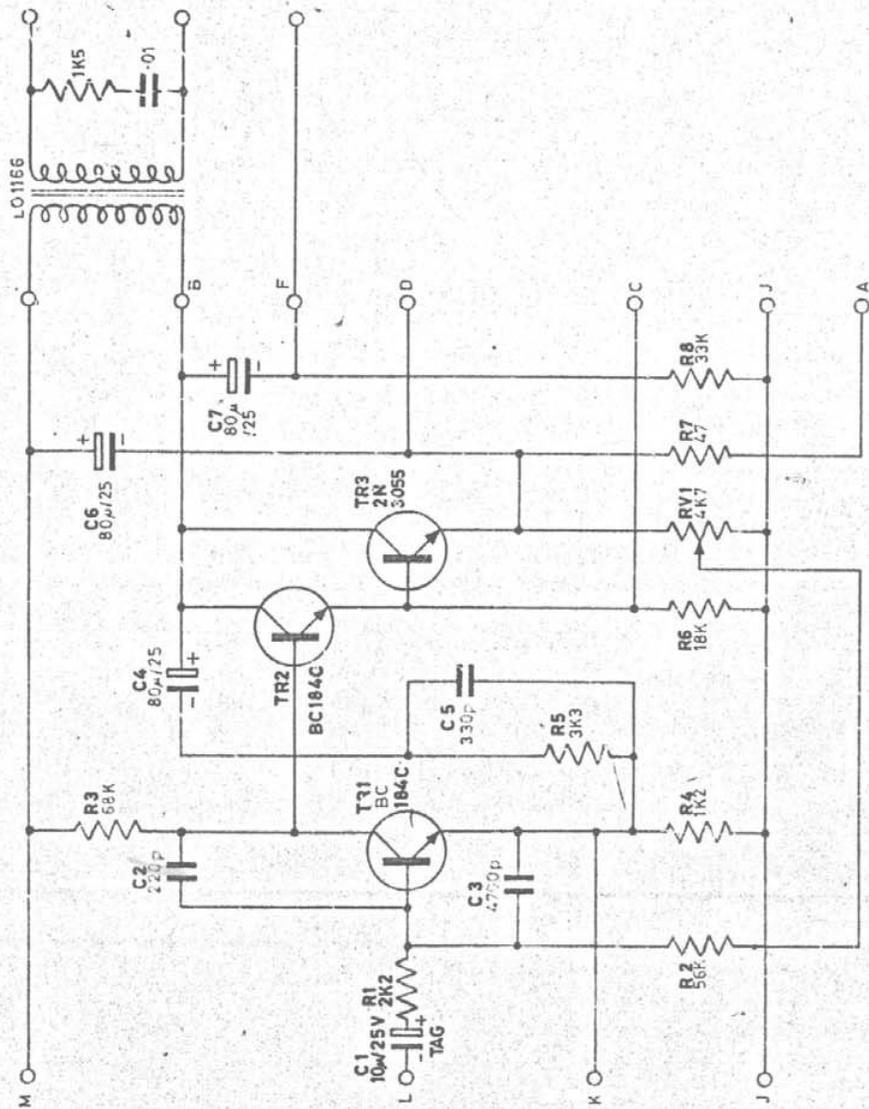
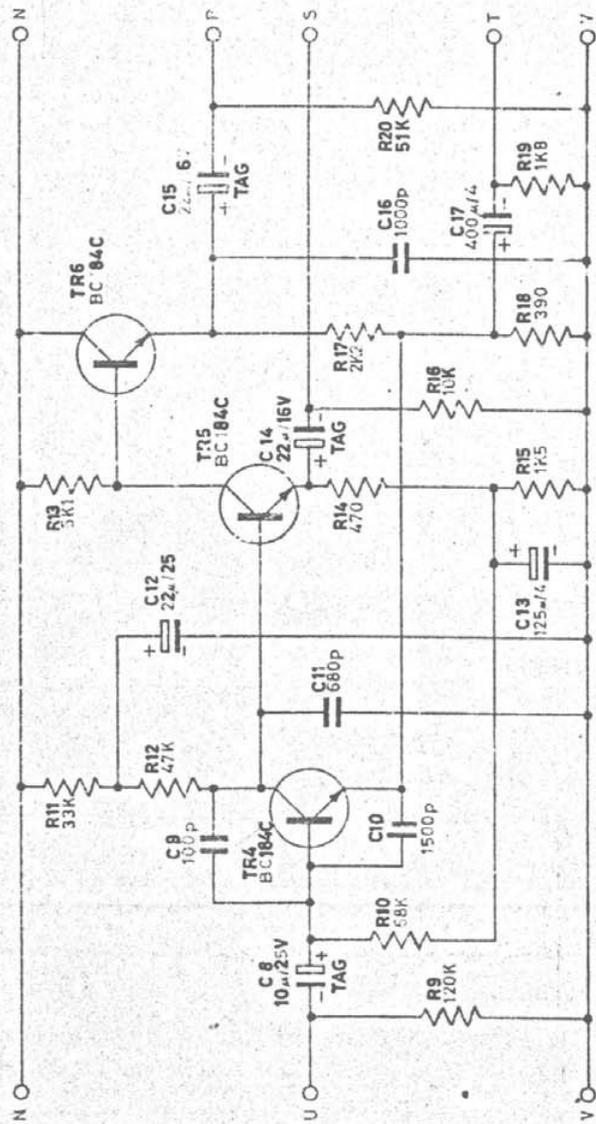


DRAWN	APP'D	DATE
PF	<i>DRA</i>	24.09.03

AMS NEVE PLC. BILLINGTON ROAD,  
BURNLEY. LANCs. BB11 5UB. ENGLAND.  
TEL. (01282) 457011 FAX. (01282) 417282.

DRG No.	SHT
PL10283AV	1

SCALE 1:1



D 23-11-72  
10547



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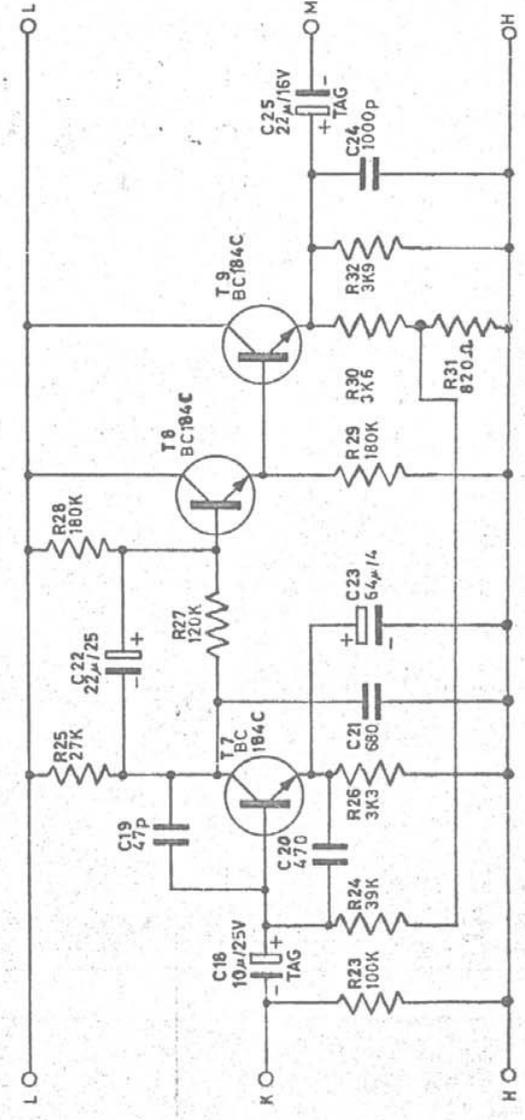
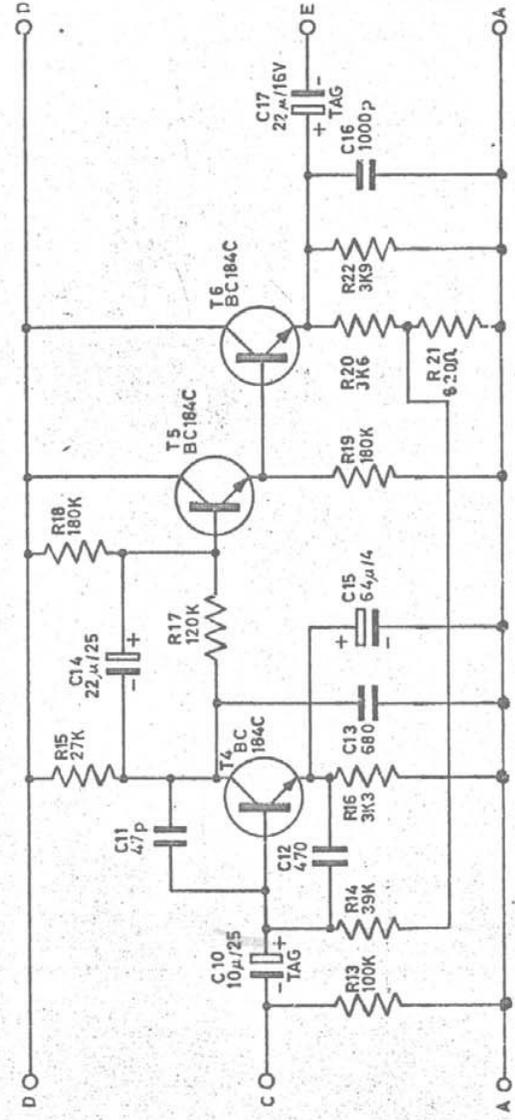
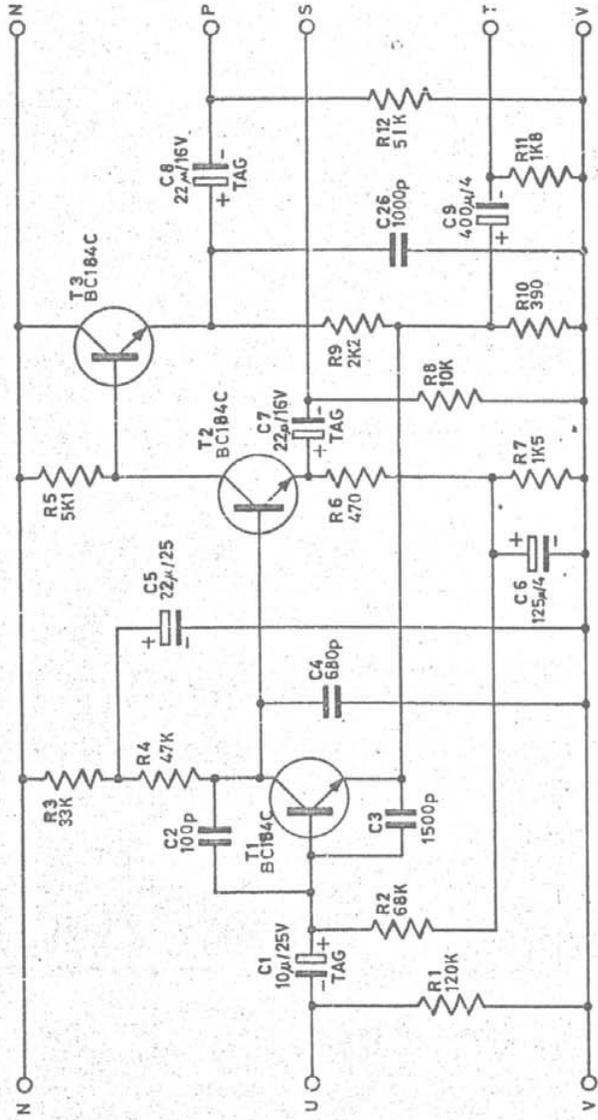
TITLE BA283 AM & AV

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C	15/11/72	10565	MS	DATE	15/11/71	CN 10,361
B	7/6/72	10518	N.T.	DRAWING		
A	8-3-72	10172		NUMBER		

EX/10 283





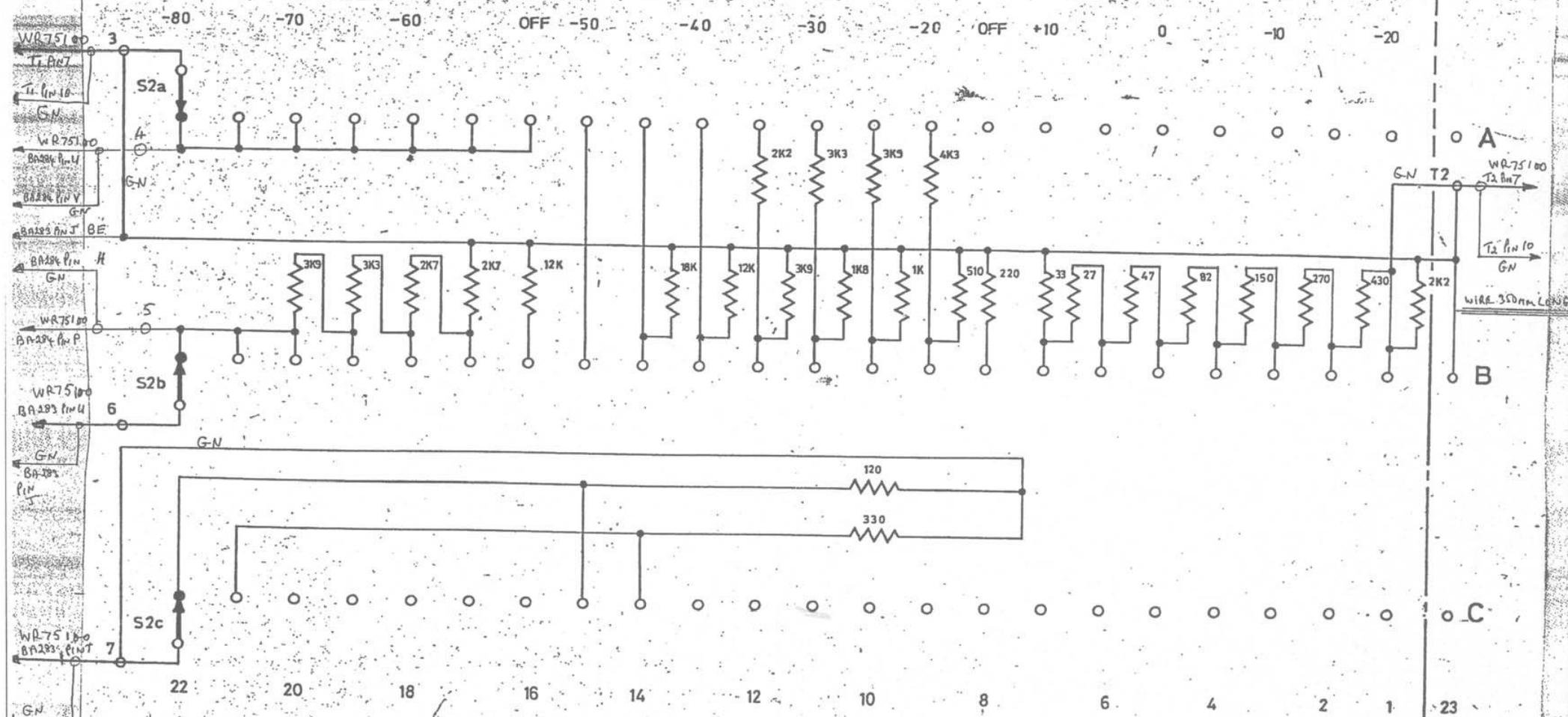
 The Neve Group of Companies  
 TITLE BA284

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C	15/11/72	10565	DATE	15/11/71	CN 10,362
B	8-3-72	10473	DRAWING		
A	8-12-71	10.402	NUMBER	EX/10,284	

EK 20033

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**NB! SWITCH STOPPED DOWN TO 22 WAY**

4	12K WAS 1K5	24-6-76	3	27-6-74	10907
---	-------------	---------	---	---------	-------

2	1	ISSUE	FIRST USED ON	MAT'L.	TOL. UNLESS OTHERWISE STATED LINEAR ANGULAR HOLES	
19-3-74	19-10-73	DATE	DRN. A.H.L	FINISH	3RD ANGLE PRJ	DIMS IN SCALE
10878		CHANGE NOTE N°	TRACED GT	TITLE	DRG. N°	
		CHECKED	Checked A.H.L.	SENSITIVITY SWITCH FOR THE 1073 CHANNEL AMPLIFIER	EK20033	
Rupert Neve & Company Ltd					1973	

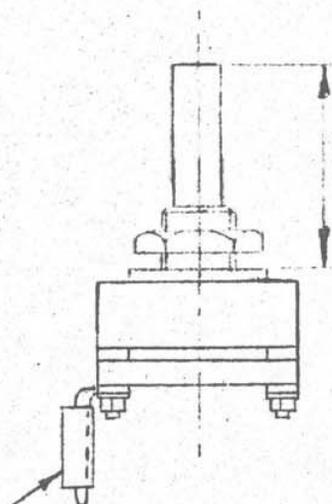




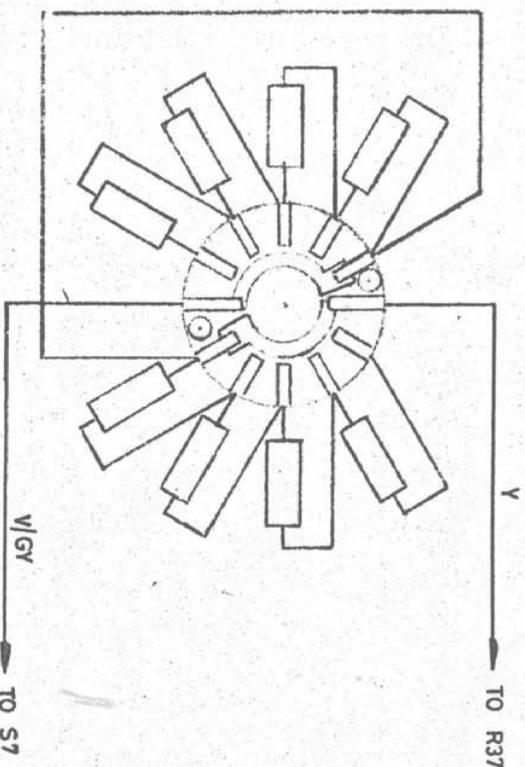
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MTG. FACE

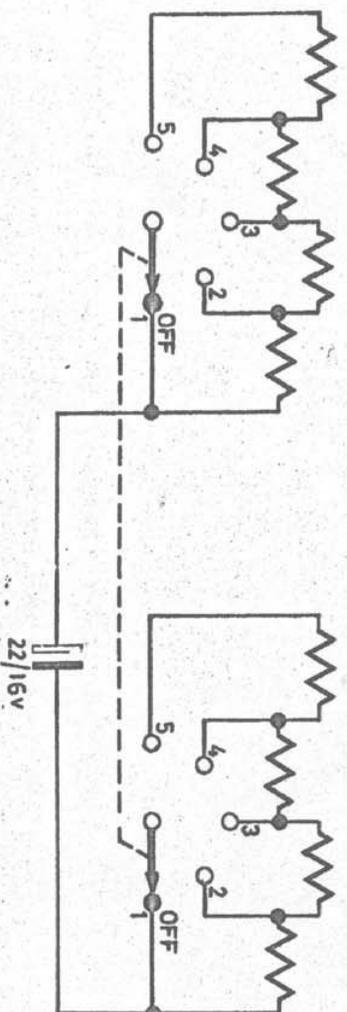
25



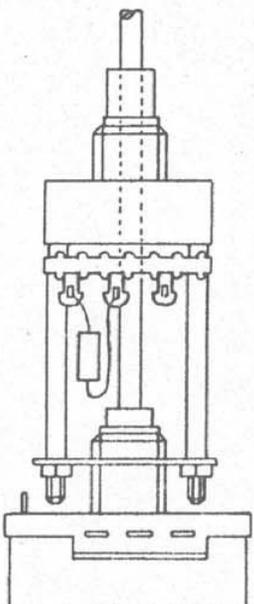
RESISTORS WIRE  
VERTICALLY AROUND  
SWITCH.



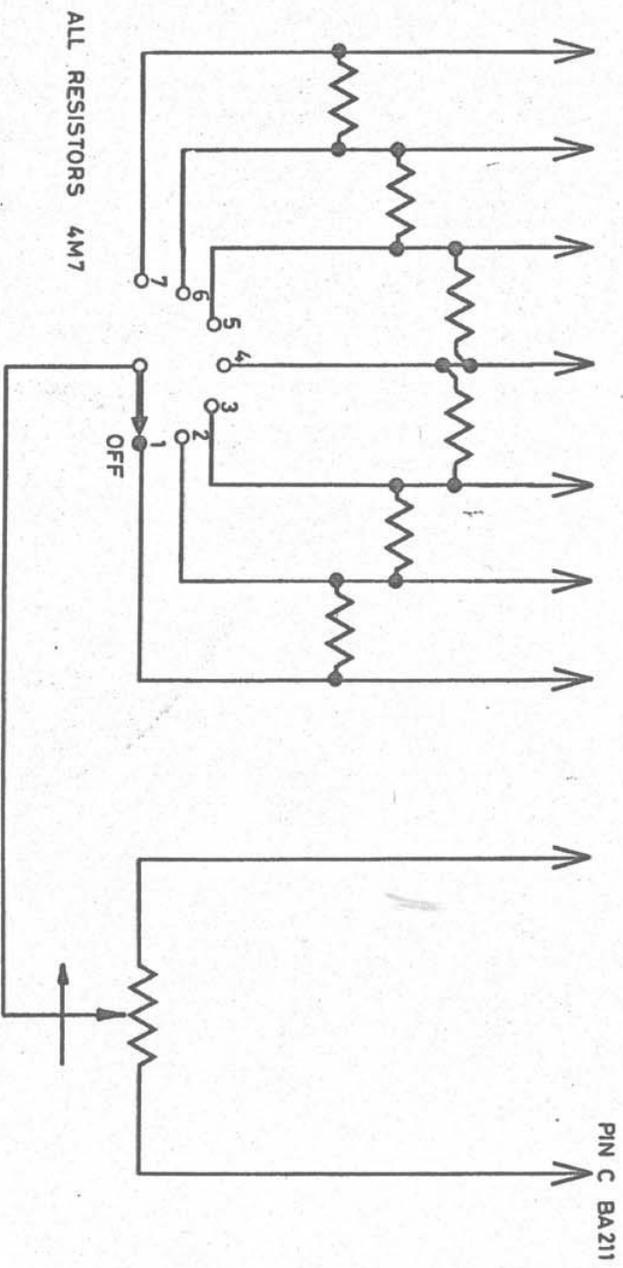
ALL RESISTOR VALUES 4M7



2	1	ISSUE	FIRST USED ON	MATL.	TOL. UNLESS OTHERWISE STATE
30-11-73	6-11-72	DATE	1070		LINEAR ± 0,4
10818		CHANGE NOTE N°	DRN. D.G.J.	FINISH	3RD ANGLE PRJ. DIMS IN
		CHECKED	TRACED		MM
			CHECKED	TITLE	SCALE
				H.P. FILTER SWITCH	1/1
				DRG. N°	
				EK 20066	
				1972	



RESISTORS MOUNTED VERTICALLY AROUND SWITCH

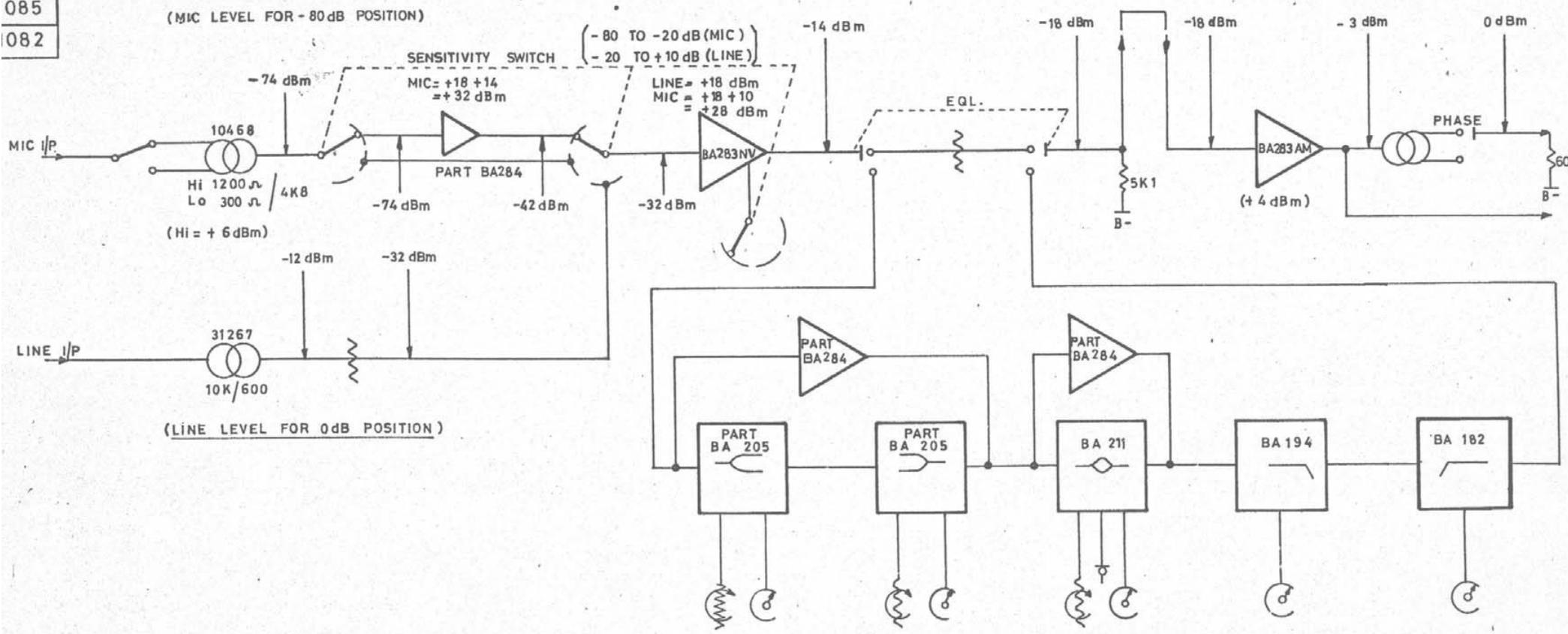


**PRESENCE SWITCH ASSEMBLY**  
(FOR USE WITH BA211)

ISSUE	FIRST USED ON	MATL	TOL UNLESS OTHERWISE STATED	
	1082		LINEAR	ANGULAR
DATE	DRN	FINISH	3RD ANGLE PRJ	DIMS IN
	A.H.L			SCALE
CHANGE NOTE NO	TRACED	TITLE	DRG NO	
	R.J.C	PRESENCE SWITCH	EK 20,105	
CHECKED	CHECKED			
	A.C.			

084  
085  
082

EB 20039

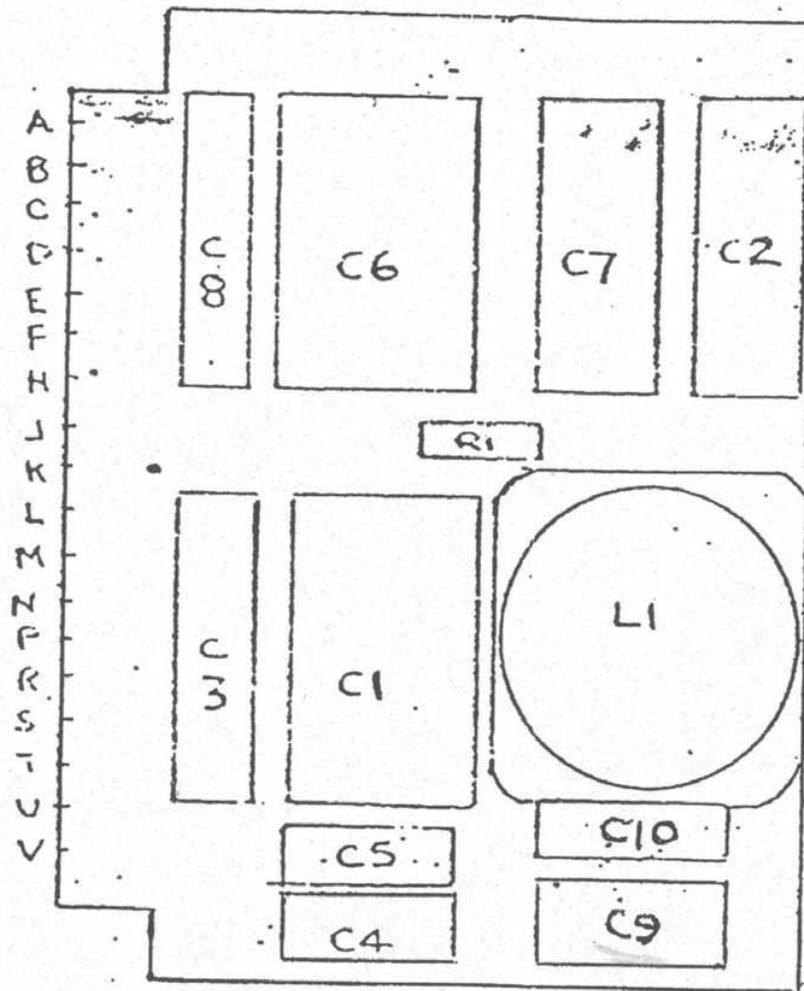


FOR FREQUENCIES SEE MODULE FRONT PANEL LAYOUTS

- 1084 HAS SMOOTH CONTROLS REPLACES 1073  
HAS SWITCHED HF
- 1085 HAS STEPPED CONTROLS REPLACES 1076  
HAS SWITCHED HF
- 1082 SIMILAR TO 1084  
HAS 30HZ INSTEAD OF 45HZ ON HPF  
HAS ALL PJT. DESIGNATIONS INVERTED

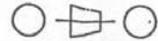
- FOR 1084 SEE DRAWING ML 60598
- 1085 ————
- 1082 ———— ML 60555





TLN	D8800/25	01.01.85	1
NAME	MOD. No.	DATE	ISS

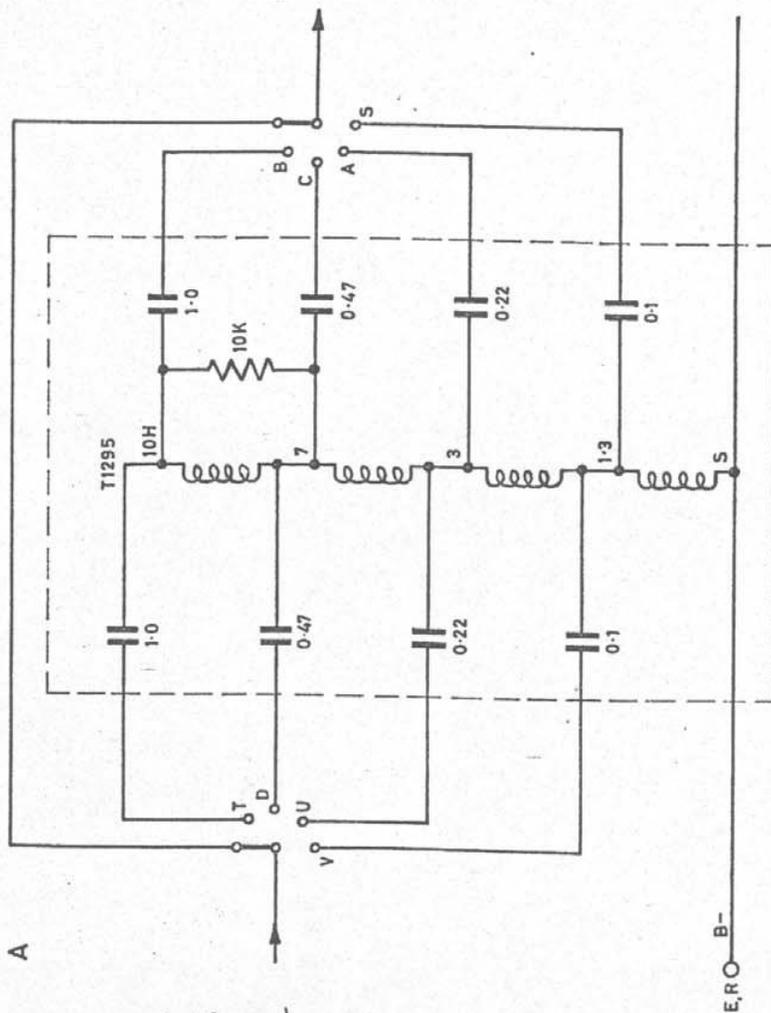
LOUR	QUANTITY	STOCK CODE	DESCRIPTION	COMMENT

THIRD ANGLE PROJECTION  
  
 DRAWN TO B.S.308

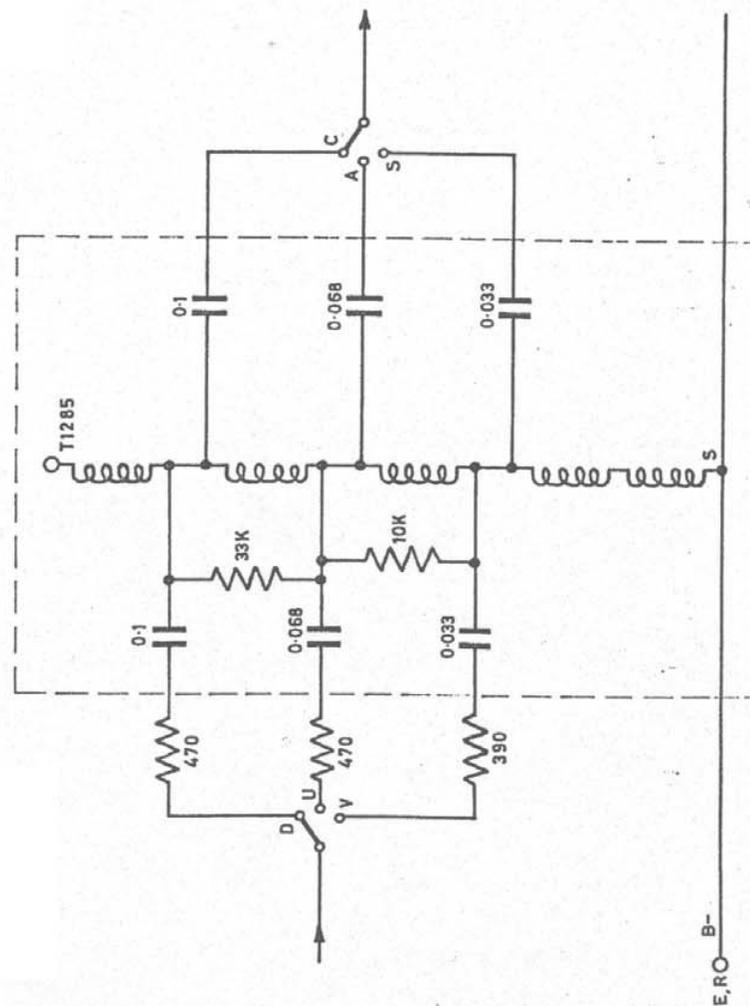
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TITLE: HIGH PASS FILTER PCB.			 AMS NEVE
DRAWN	APP'D	DATE	
AMS NEVE PLC. BILLINGTON ROAD, BURNLEY, LANCs. BB11 5UB. ENGLAND. TEL. (01282) 457011 FAX. (01282) 417282			DRG No.
SCALE			SHT

PL10182A



1084 Version



The Neve Group of Companies,

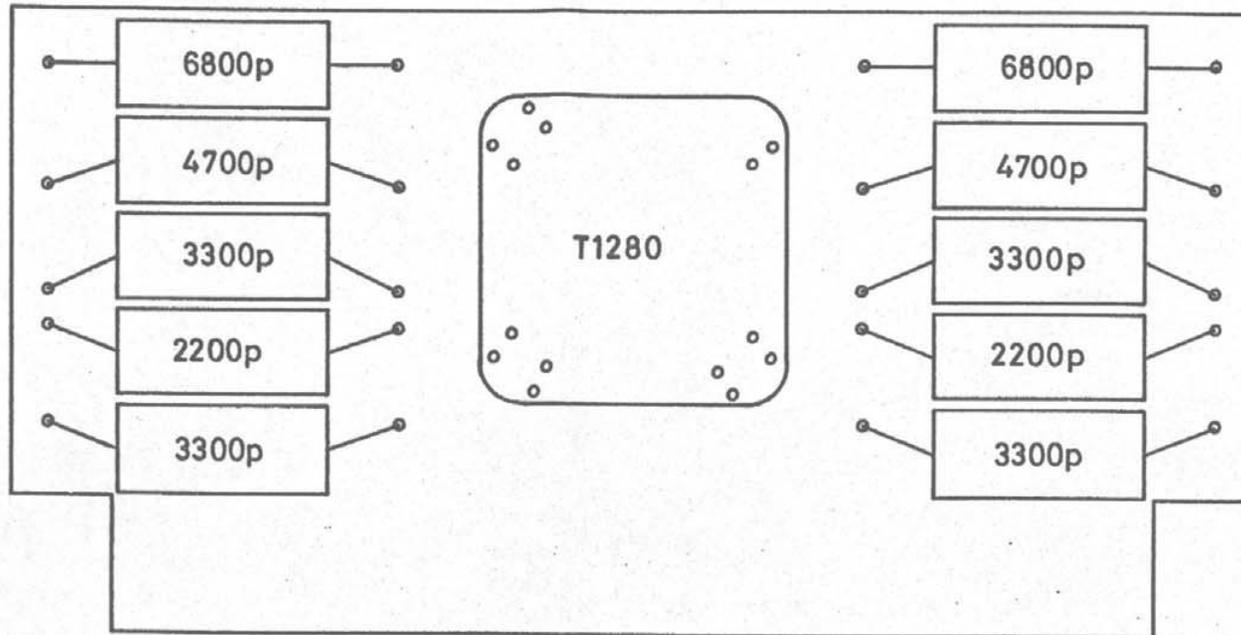
TITLE B182 A&B

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DATE

DRAWING NUMBER

D/10.019 A&B



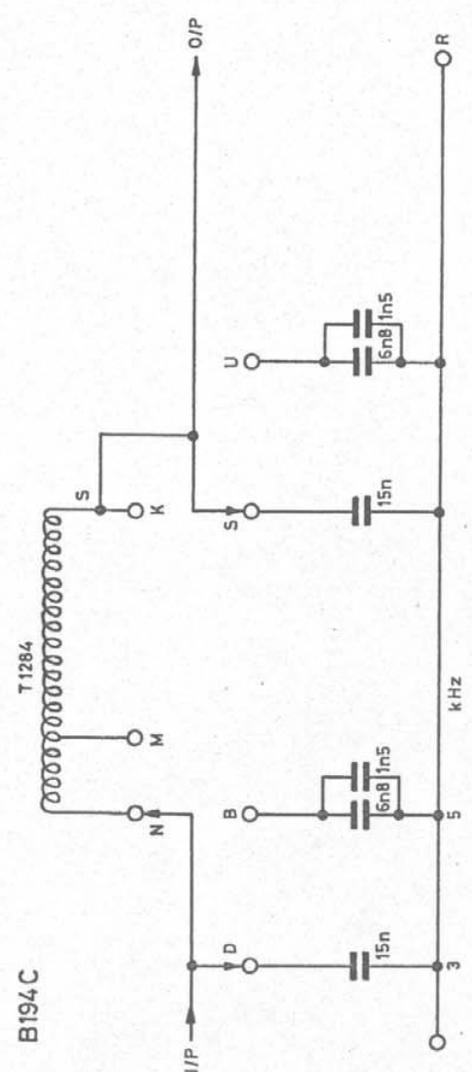
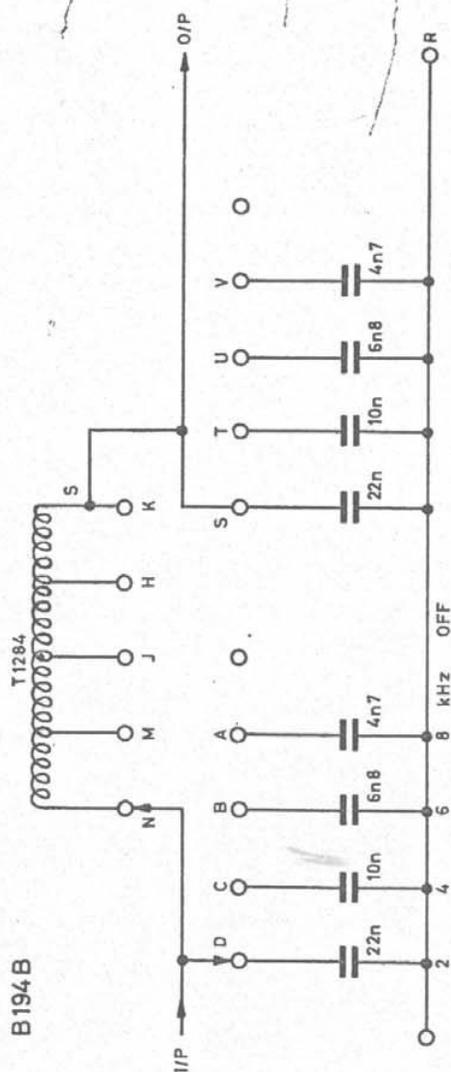
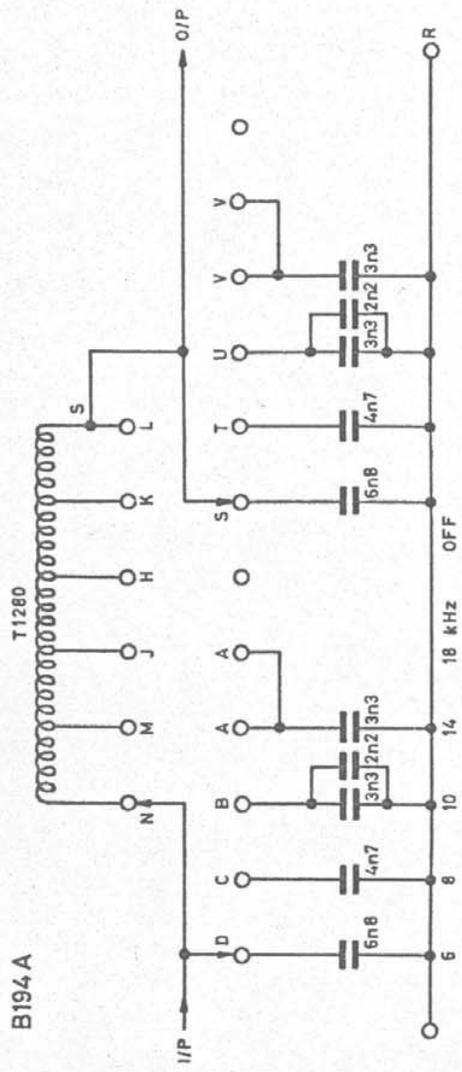
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TITLE B194/A - COMPONENT LAYOUT

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DATE

DRAWING  
NUMBER

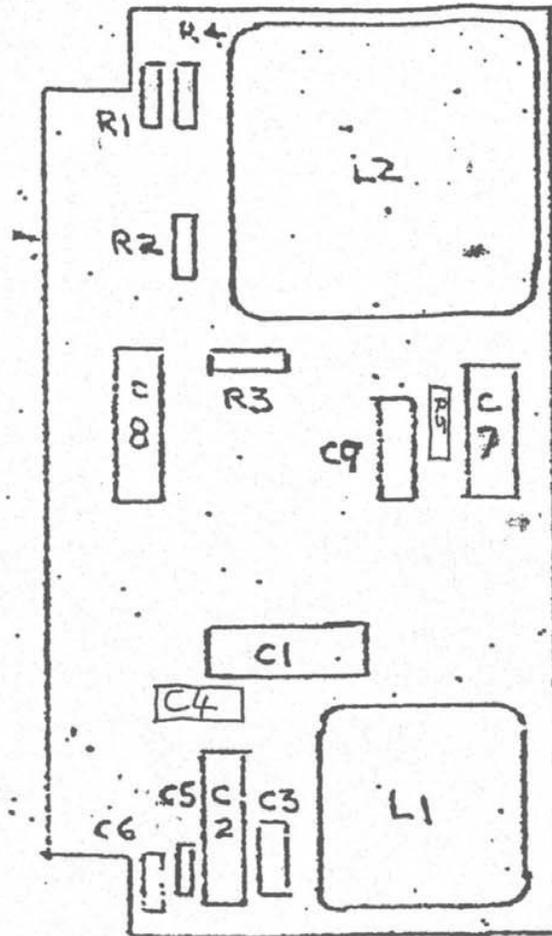


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TITLE B194A,B,C LOW PASS FILTER

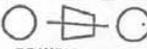
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		DATE	24/2/71
B	24/2/71	DRAWING NUMBER	D/10,031 / A.P.C
A	20/1/71	10 202	



TLN	Discecc/e.s	07.01.03	1
NAME	MOD. No.	DATE	IS

QUANTITY	STOCK CODE	DESCRIPTION	COMMENT

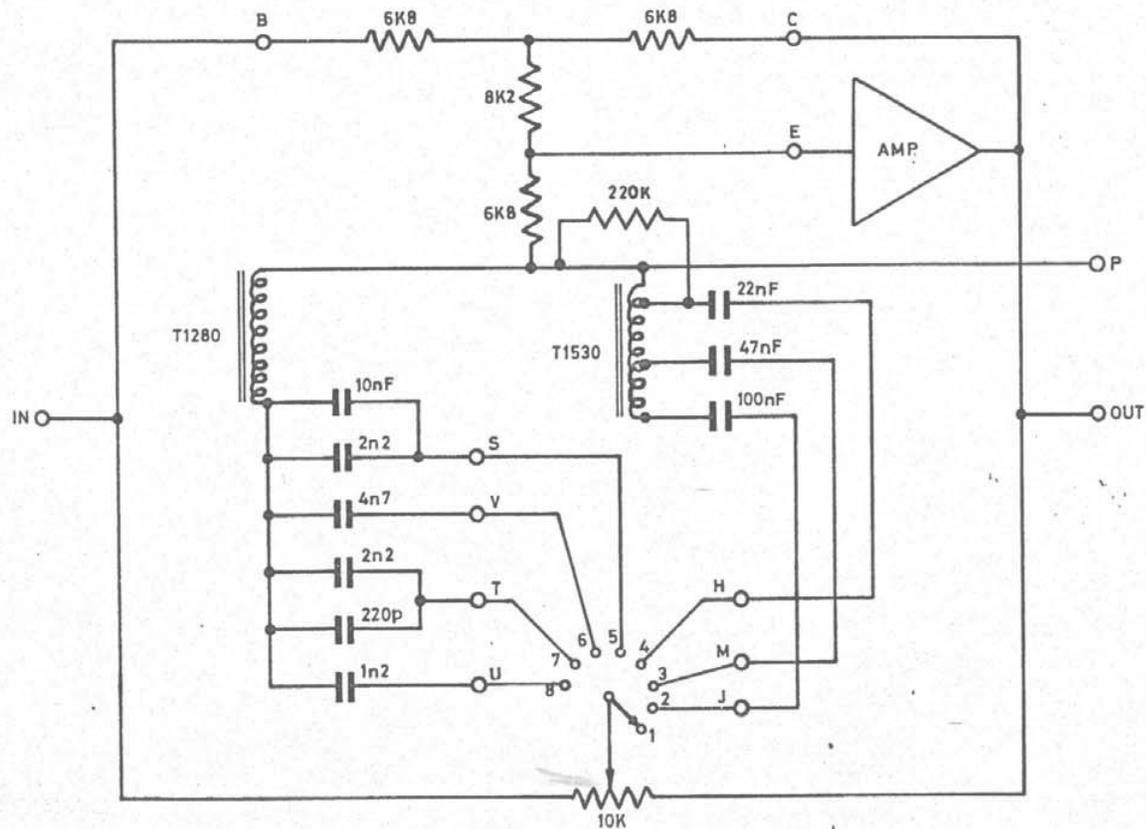
THIRD ANGLE PROJECTION  
  
 DRAWN TO B.S.308

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TITLE: PRESENCE FREQUENCY PCB			 AMS NEVE
DRAWN	APP'D	DATE..	
SCALE			DRG No. SHT

AMS NEVE PLC. BILLINGTON ROAD, BURNLEY, LANCs. BB11 5UB, ENGLAND. TEL. (01282) 457011 FAX. (01282) 417292

PL10211/A



- SW. POSNS.
1. OFF
  2. 0.36 KHz
  3. 0.7 KHz
  4. 1.6 KHz
  5. 3.2 KHz
  6. 4.8 KHz
  7. 7.2 KHz
  8. 10.0 KHz

NOTE:  
THIS BOARD IS IDENTICAL TO THE BA211,  
WITH ADDITION OF A WIRE LINK TO PIN P

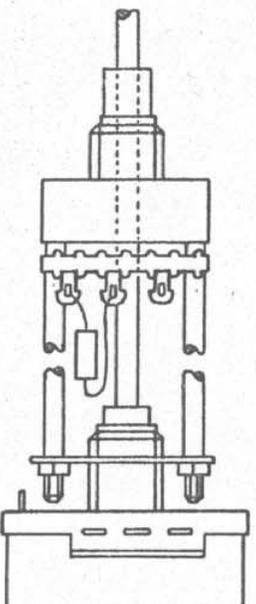
4 16-3-76 11241 GT

The Neve Group of Companies

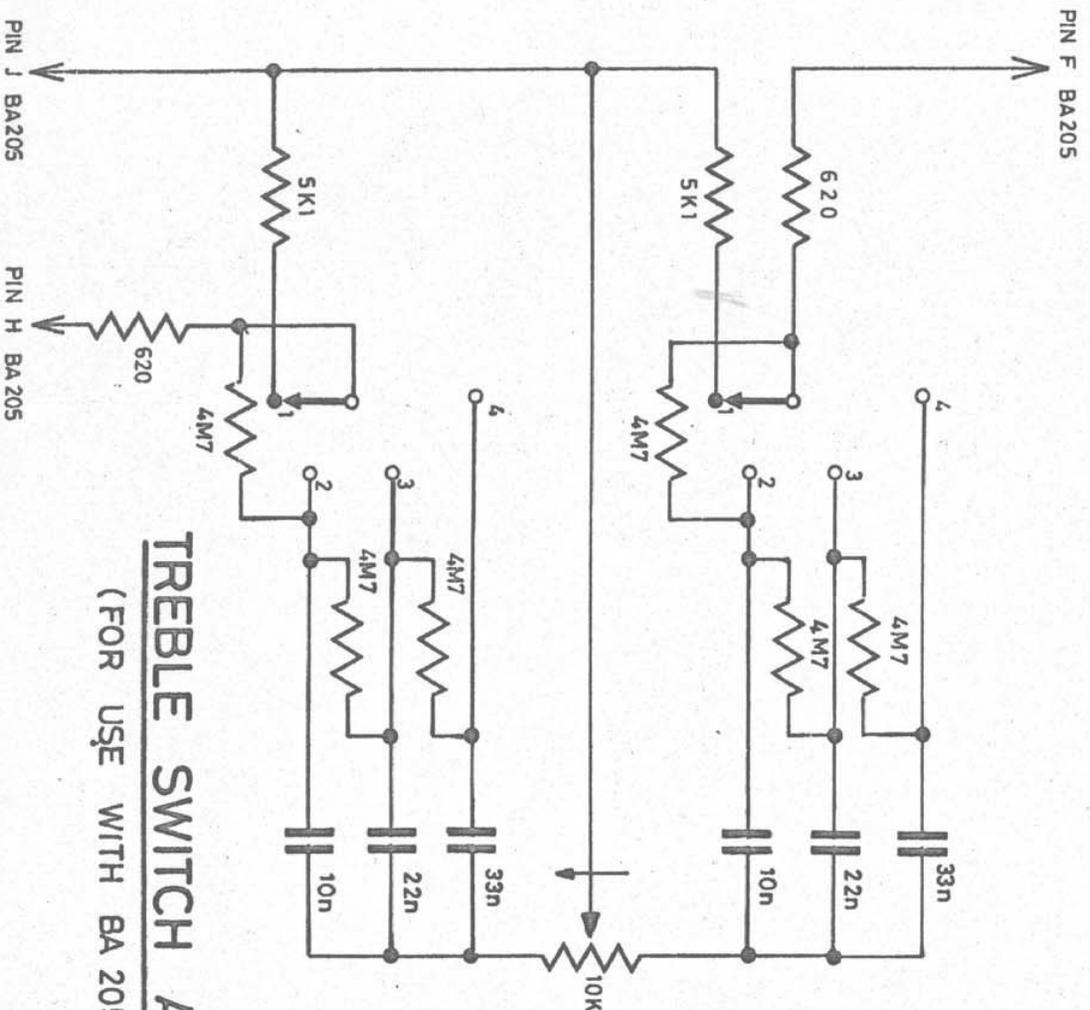
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3	9-5-74	10906	DATE	14/12/72	L.M.C.
2	6-8-73	10741	DRAWING	D/10,048/A	
1	15-12-72		NUMBER		

TITLE BA211/A



CAPACITORS & RESISTORS MOUNTED VERTICALLY AROUND SWITCH

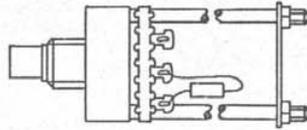


**TREBLE SWITCH ASSY.**  
(FOR USE WITH BA 205)

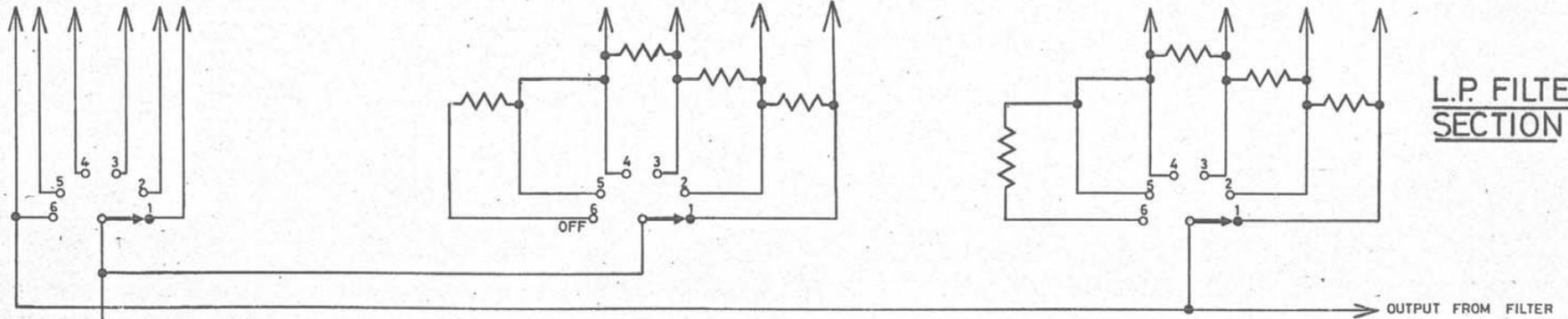
2	1	ISSUE	FIRST USED ON	MATL.	TOL. UNLESS OTHERWISE STATED	
22-1178	8-1-75	DATE	1082		LINEAR	ANGULAR
40051		CHANGE NOTE NO	DRN. AHL	FINISH	3RD ANGLE PROJ.	DIMS IN
		CHECKED	TRACED RJC		DRG. NO	HOLES
			CHECKED AHL	TITLE	EK20106	SCALE
				TREBLE SWITCH		
					1973	

DRG NO  
EK 20 107

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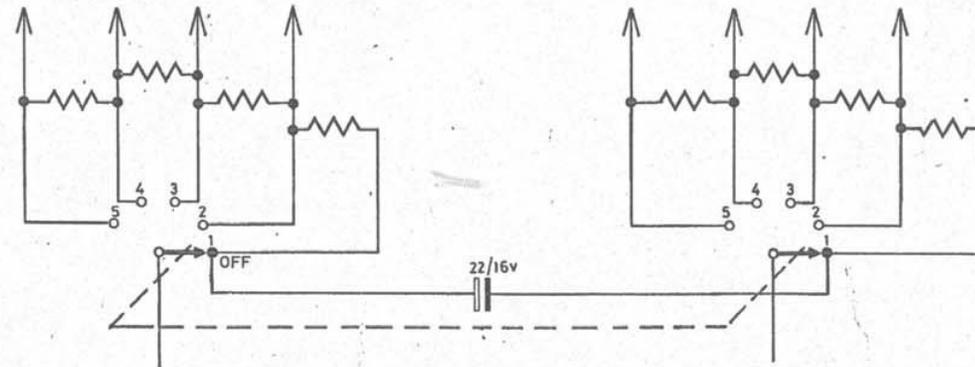


RESISTORS MOUNTED VERTICALLY AROUND SWITCH



L.P. FILTER SECTION

INPUT TO FILTER



H.P. FILTER SECTION

ALL RESISTORS 4M7

3	2	1	ISSUE	FIRST USED ON	MATL.	TOL. UNLESS OTHERWISE STATED		
30-11-73	5-3-73	8/1/73	DATE	10 8 2		LINEAR	ANGULAR	HOLES
10 8 0 6	10665		CHANGE NOTE NO	DRN. A.H.L	FINISH	3RD ANGLE PRJ	DIMS IN	SCALE
			CHECKED	TRACED R.J.C	TITLE	DRG. NO		
				CHECKED A.H.L	H.P. & L.P. FILTERS	EK 20 107		
					Rupert Neve & Company Ltd.	1973 © A3		