

MONITOR AMPLIFIER AM1/29

General Specification

<i>Gain</i> (at 1 kHz)	60 dB
<i>Input</i> (1 kHz)	
Level	-50 dB
Max. Level	-43 dB
Impedance	20 kilohms
<i>Output</i>	
Level	+10 dB
Max. Level	+17 dB (2 W into 15 Ω)
Impedance	0.5 ohm approx.
Design Load Impedance	15 ohms
Noise, (600 Ω input termination, 15 Ω load)	-55 dB max.
Frequency Response (+14 dB)	±0.6 dB, 100 Hz to 10 kHz
Distortion, (1 kHz, 15 Ω load)	
+14 dB output	0.2 per cent
+17 dB output	1.8 per cent
<i>Power Supply</i>	
Load	-24 volts d.c. 19 to 170 mA
<i>Coding Pin Positions</i>	3, 5 and 23

Circuit Description

A functional circuit description is given in Fig. 2 on page 2.

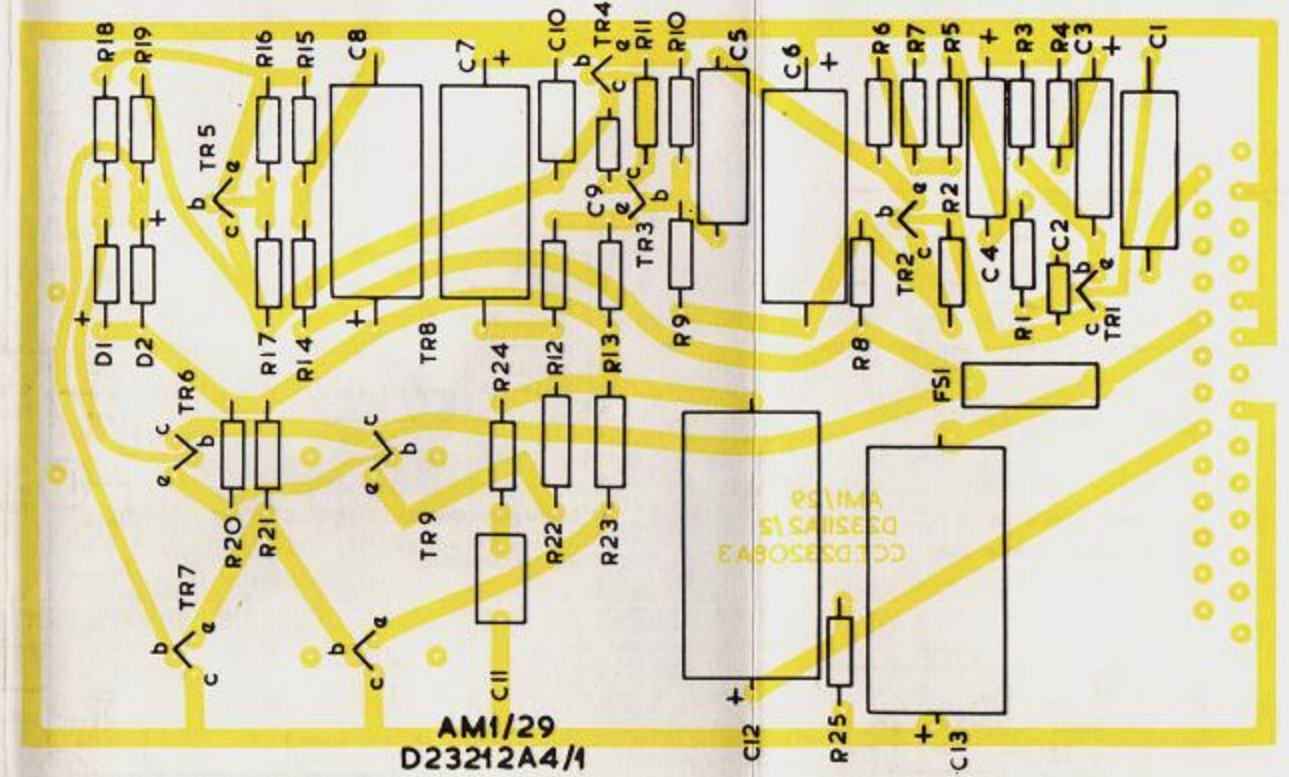


Fig 1 Printed Wiring Board Layout



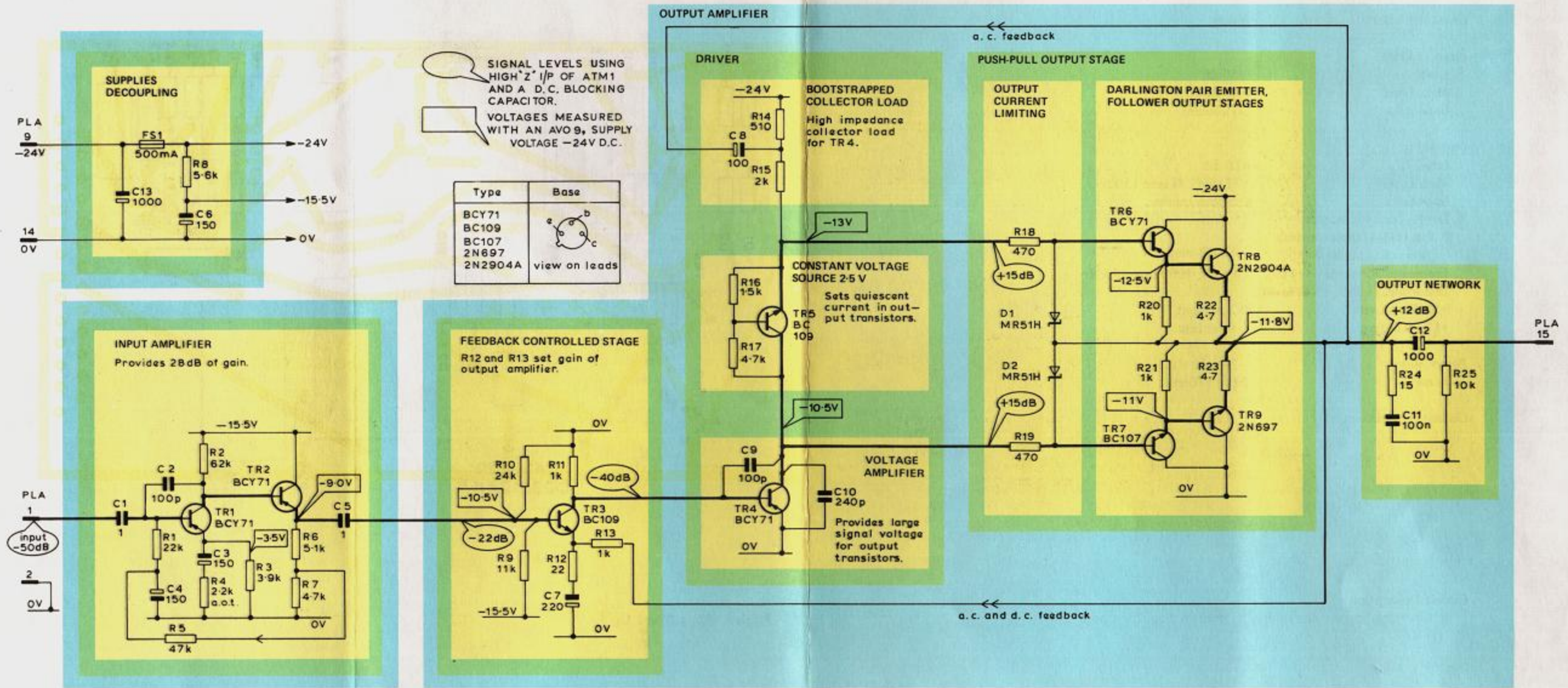


Fig. 2 Functional Circuit Diagram