

We sincerely hope you will experience many hours of enjoyment from your DANSETTE "BERMUDA MKII". Should you have any suggestions, or experience any trouble whatsoever, please contact our Spares and Service Department: Dansette House, Honeypot Lane, Stanmore, Middlesex. (Telephone No. 01-907 0021), whose staff will always be willing to assist you.

SPECIFICATION "BERMUDA MKII"

Power Consumption:	42 watts
Amplifier response:	Level from 80 HZ to 15 KHZ.
Valves:	UCL 82, UY85
Controls:	TONE, OFF/ON, VOLUME.
Power output:	2 watts maximum undistorted
Loudspeaker:	High flux 7" x 4" elliptical 3 ohms. impedance.
Record Player Unit:	BSR. UA25 Dansette type cartridge.
Size:	17" Long x 16" Wide x 8" Deep.
Weight:	22 lbs.

Mains operated record player suitable for operation on supply voltages of 210-250 volts A.C. ONLY.

Sockets provided for External Loudspeaker, Tape Recording, and for matching Stereophonic Unit (which is available as an extra).

N.B. Specification and components are subject to alteration without prior notice.

CIRCUIT DESCRIPTION

The Bermuda MKII Amplifier utilises the AC/DC technique, with the chassis connected to the neutral pole of the supply. The valves used are one UCL82 triode pentode connected as a two stage amplifier, and one UY85 as the rectifier.

The signal voltage from the pickup cartridge is fed via an isolating network comprising of two capacitors in series to the volume control. The sliding element passes the signal to the grid (Pin 1) of V_{1A} , the voltage amplifier, its bias being achieved by connecting in series a 0.01mfd. capacitor, and a 3.3 megohm grid leak resistor. Amplified signals are extracted from the anode (Pin 9) of V_{1A} , and are R-C coupled via a stopper resistor to the pentode control grid (Pin 3) V_{1B} .

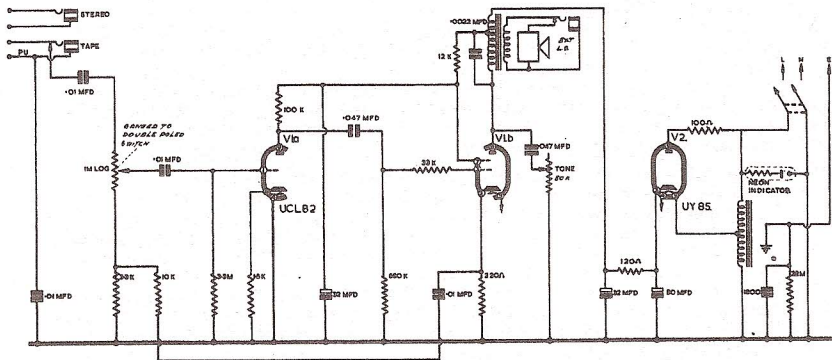
The cathode bias circuit in this stage provides a negative feedback voltage and is fed via its frequency selective decoupling into a tap on the volume control. A series top cut filter shunts the pentode to earth to act as tone control.

The output from this stage employs a transformer, the primary of which is suitably tapped for smoothing the H.T. supply to the triode section. The secondary winding terminates the 7" x 4" speaker unit of 3 ohms. impedance.

The A.C. mains supply is rectified by a UY85 valve (V2), the cathode of which feeds an R-C type smoothing filter and provides the D.C. H.T. voltage. The valve heaters are connected in series and are fed from a 90v. tap on the gram motor.

Extension sockets provided:—

- (1) Extension loudspeaker/tape recording output.
- (2) Output to stereo.



Manufactured by:

DANSETTE PRODUCTS LTD.

DANSFETTE HOUSE HONEYPOT LANE. STANMORE. MIDDLESEX