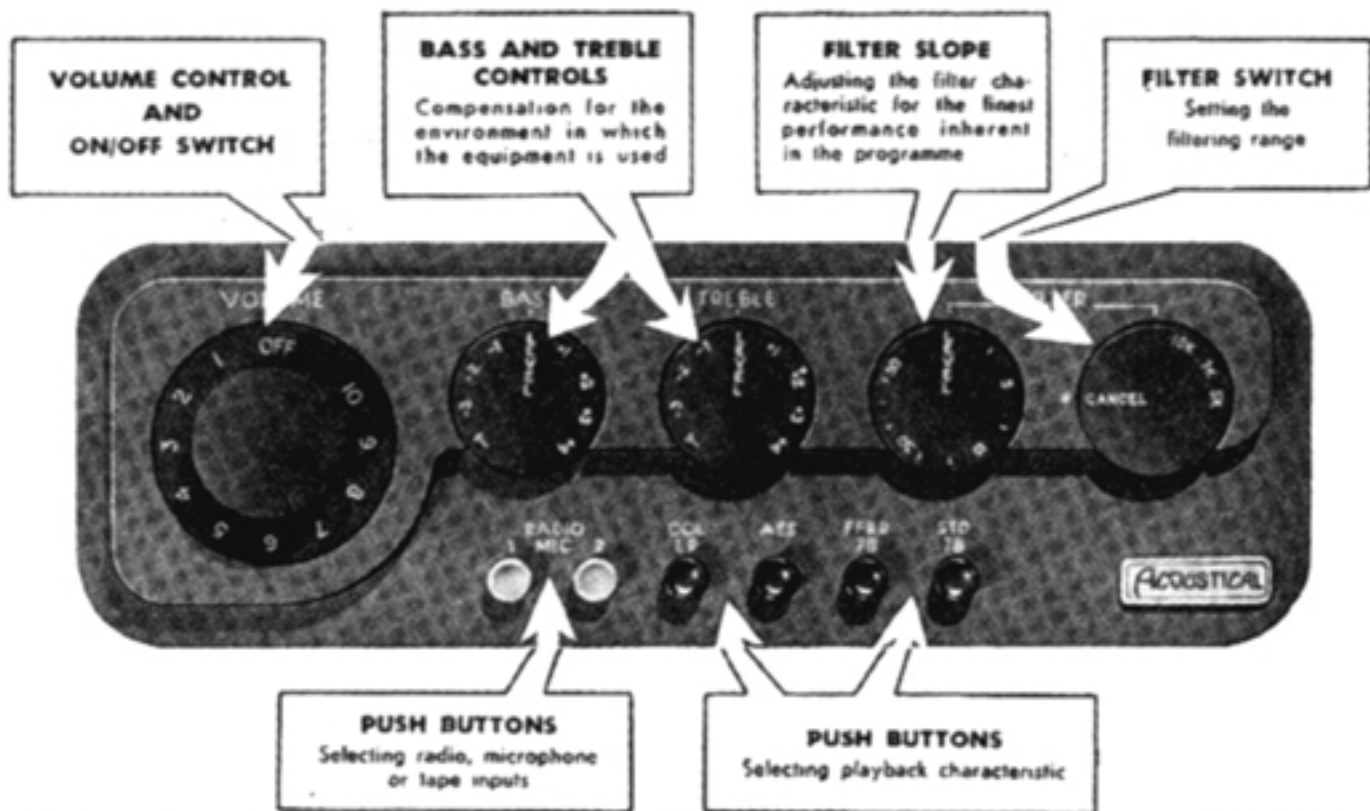


"Straightforward & Logical System of Control"



QUAD II CONTROL UNIT - SPECIFICATION

FREQUENCY RESPONSE:

Cancel position.
Radio and Tape inputs: 20-20,000 c/s within 0.3 db.
Microphone input: 20-18,000 c/s with 1 db.
Pickup input (R.I.): Within 0.5 db of stated characteristics.
Other plugs: no significant change.
Bass and Treble controls: Within 1 db of published curves.
Filter frequencies (Hz): 5Kc/s, 7Kc/s, 10Kc/s $\pm$ 250 c/s.
Filter slope: Level to 50 db/Octave.

INPUT SENSITIVITIES (for 1.4 V, rms, output):

Radio and Tape: Internal impedance 100 K Ω : 100 mV.
Microphone: 100 K Ω : 1.5 mV.
Pick-up: to suit pickup in use, adapted by plug-in unit.

DISTORTION (1.4 V output):

All controls 'level'. Radio input or R.I. pick-up input: 0.02% approx.
Least favourable arrangement of plugs and controls: less than 0.1%.

POWER SUPPLY: The unit takes its power from the main amplifier.
170 V 2 mA } Plus currents taken by tuner units which may be
6.3 V 1 A } connected to sockets provided.
Maximum power available from tuner sockets:
170 V 30 mA (each tuner)
6.3 V 2.5 A (total) The heater supply is C.T. to chassis.

VALVES: 1 x 8F.86 (Z.729 or 6J67), 1 x ECC.83 (12AX7) (ECC.81, 8309 or 12A7T with changed bias resistor).

BACKGROUND:

-70 db or where applicable, approximately 6 db above equipment thermal noise of input impedance.

MECHANICAL:

Front panel: Die-cast, stove finished silvered brass, machine engraved.
Knobs: Aluminium, stove mact brown, machine engraved.
Chassis and Cover: Steel, rust-proof processed, stove steel grey.
The complete unit, electrically and mechanically is fully tropical and suitable for all climatic conditions.

DIMENSIONS: 10 1/2 in. x 3 1/2 in. x 4 1/2 in.

WEIGHT: 7 lb. nett (3.15 Kg.).

ACOUSTICAL

Send for illustrated brochure giving full details of the QUAD II Amplifier

QUAD II

... for the closest approach to the original sound.