

## First Series

# Quad 1 Amplifier & Control Unit

(production from 1951-1953)

### Description

Low distortion wide range amplifiers had been produced for many years for laboratory use. Such amplifiers were used with a microphone under carefully controlled conditions and connected to a high grade loudspeaker system which provided reproduction, in many cases, indistinguishable from the original sound.

The Q.U.A.D. was a logical development of these amplifiers.

A new technique of control was developed which took into account the quality of the signal itself. This development in turn released the treble and bass controls so that they could fulfil their true function of correction rather than compromise.

The Quality Control Unit had five controls – Volume; Bass & Treble; Control Switch; Filters; and Slope. Two inputs were also supplied to enable it to operate with all pickups, microphones or other inputs.

It was supplied with a 4 foot cable to couple it with the amplifier and the cost of both units was £35.00.



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### Specifications (include amplifier & control unit)

Supply voltage:	200-250 A.C single phase 40-80 c/s (or to specification)
Supply consumption:	80 watts
Additional supplies available from amplifier:	6.3V, 2A CT. 300mV, 25mA (neg. chassis)
Output impedance:	7 ohms and 15 ohms
Valves:	ECC55, EF37, EF37, KT66, KT66, GZ32
Weights:	Main Amplifier - 14lbs Control Unit - 5lbs
Finish:	Steel chassis and all steel parts bonderised rust-proof processed and stove enamelled. Panel - die-cast aluminium; steel grey finish; machine engraved. Knobs - aluminium; frosted silver finish.