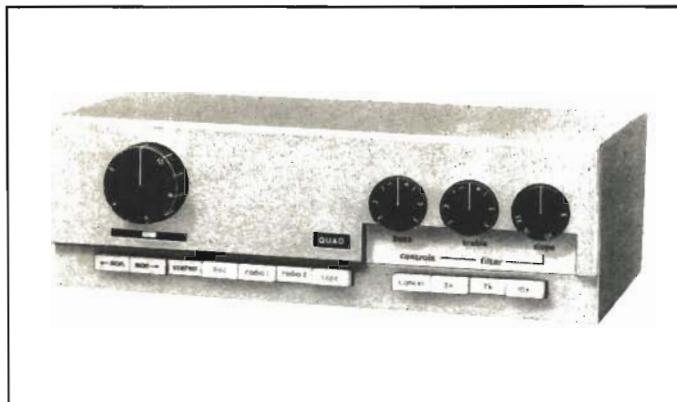


The Quad 33 Control Unit

The Quad 33 Control Unit may be free-standing or panel mounted. The large volume control has a balance slider underneath while the bass, treble and filter controls are grouped on the right with a cancel button to allow easy checking of the audible effect of the control settings. The push-in circuit boards for pickup and tape enable the

user to match to a wide variety of external sources. The mains supply and mono/stereo mode to the power amplifier are switched from the control unit. Frequency response is 30–20,000 Hz (± 0.5 dB), distortion is 0.02 per cent and residual noise level is -90 dB.

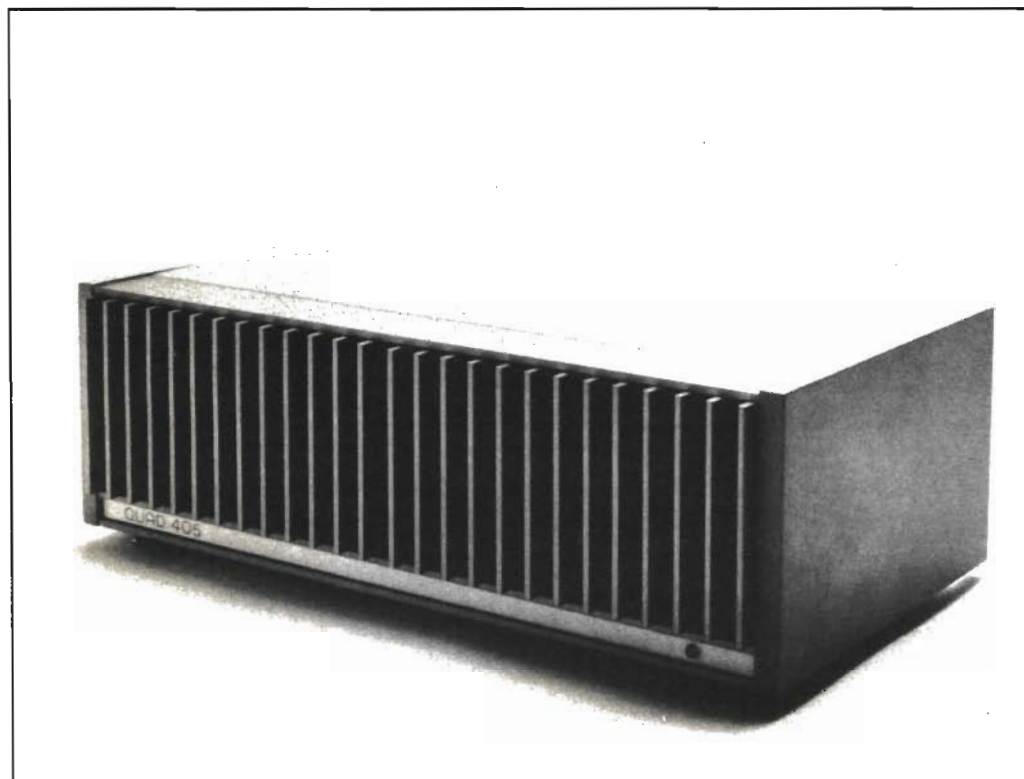


The Quad FM3 Stereo Tuner

The Quad FM3 Stereo Tuner covers the VHF Band, 88–108 MHz, and has a single tuning knob with an inter-station noise suppression and muting circuit adjustment on the rear panel. Up to five station markers can be set on the tuning dial and precise tuning is further assisted by a twin-lamp indicator system.



The tuner is self-powered and a stereo beacon lamp is incorporated. The frequency response is 20–15,000 Hz (± 1 dB) and the European or American de-emphasis of 50 or 75 microseconds can be supplied as required. Fascia styling and dimensions exactly match the Quad 33 Control Unit.



The Quad 405 Stereo Power Amplifier

The Quad 405 Stereo Power Amplifier uses a novel circuit design known as 'current dumping' to provide an increased power output rating of 100 watts per channel with a very low distortion of 0.01 per cent. The frequency response is within 1dB from 20 to 20,000 Hz and 3dB up to

50,000 Hz. The system consists basically of two amplifiers, the first operating in Class A to give almost distortion-free performance on all normal signal levels. When larger powers are required, as on peaks in the programme volume, an additional amplifier is switched in which can handle the power yet avoids the need for critical

balancing of component values at all points in the circuit. Like the Quad 303, this amplifier is designed for use with the 33 Control Unit but will operate with other equipment if required.

Manufacturer: Acoustical Manufacturing Co Ltd, St Peter's Road, Huntingdon, Cambridgeshire PE18 7DB.

The Quad 303 Stereo Power Amplifier

The Quad 303 Stereo Power Amplifier is stable with any type of loudspeaker load and is automatically protected against misuse or overloading. The power output is 28 watts per channel with 16 ohm loudspeakers, 45 watts with 8 ohm. The frequency response is within 1dB from 20 to 35,000 Hz, distortion 0.03 per cent and signal-to-noise ratio 100 dB.

