



Celestion 3

The new Celestion 3 is a compact two-unit design intended for shelf or, preferably, stand mounting close to the rear wall. A two-piece 25mm titanium dome tweeter is combined with a 130mm felted fibre coned bass/mid-range driver. This cone material has improved sensitivity over conventional plastics cone materials and is terminated here by an "optimal hysteresis" moulded surround. The chassis of this driver and the cabinet facia are fabricated from polycarbonate, which is both light and rigid and thus

confers several acoustic advantages. The main cabinet is of 12mm thick high density particle board and has an eight-litre internal volume. The crossover is a simple four-element circuit based on 5kHz. Finished in simulated walnut or black ash vinyl the Celestion 3 costs £99.99. Celestion International Ltd., Foxall Road, Ipswich, Suffolk IP3 8JP.

Revox Series 100

In response to market demands, Revox have introduced a new, more affordable range of hi-fi components which sacrifice facilities rather than performance. There are three units in the 100 Series itself, the B150 integrated amplifier which is rated at 80 Watts per channel and costs £875; the B160 tuner which is a simplified version of the B260, having just one aerial input and a mere 30 presets and costs £667; and the B126 Compact Disc player which has a new loading mechanism and 16-bit four-times oversampling D/A converters and costs £649. On the grounds that it was impossible to reduce the price of their B215 cassette deck by simplifying it without compromising the quality, this model is included as required (£1,354). An RDS version of the tuner will also be available for £778. Further details from FWO Bauch Ltd., 49 Theobald Street, Boreham Wood, Herts WD6 4RZ.



New Dual

Following on from their CS505-3 (£139.95) and CS503 (£114.95, reviewed in January 1988), Dual have introduced a new lower cost turntable the CS430, which will retail for just £89.95. Belt-driven from a low voltage DC servo motor (a plug-in remote power supply is used) it has a four-point rubber-suspended steel subchassis and an aluminium platter with anti-resonant flat mat. The pick-

up arm is also aluminium, is statically balanced with adjustable bias compensation and has a fixed, standard half-inch cartridge mounting platform (Ortofon DMS245 supplied). Damped cueing and auto-return are provided. The plinth is an acoustically inert, two-inch thick HDF (High Density Fibreboard) composite. Hayden Laboratories Ltd., Chiltern Hill, Chalfont St Peter, Bucks SL9 9UG.

New Spendor

Spendor have released details of a new loudspeaker, the S100, first of a number of new models to be launched this year. Intended to match the established SP1 in terms of neutrality and low coloration, the S100 has a more extended bass response and greater power handling. Three motor units are employed: a 300mm bextrene-coned bass driver; a 150mm advanced homopolymer

polypropylene midrange driver; and a 19mm soft-dome tweeter. Tri-wiring is provided for, with separate access to each driver from the rear terminal block, and the cabinet dimensions are (H x W x D) 700 x 370 x 430mm. Available in a choice of real wood veneers, the S100 will retail for £1,000 per pair. Spendor Audio Systems Ltd., Station Road Industrial Estate, Hailsham, East Sussex BN27 2ER.



Hafler XL600

As a follow up to the XL280 power amplifier (reviewed in March 1987) Hafler have released a new, more powerful model, the XL600. Hafler's "excilinear" concept of near-zero phase-shift circuitry, offering a linear transfer characteristic under both static and dynamic conditions, is further refined in this new amplifier. It employs a double-differential J-Fet push-pull cascaded input and current-mirroring second stage, driving 16 lateral MosFet output devices to provide 360 Watts continuous power

into 8 Ohms (900 Watts into 1 Ohm) for less than 0.05 per cent total harmonic distortion. Some 30dB less overall feedback is used compared with previous Hafler designs yet it remains completely stable. Entirely separate power supplies are used after the mains transformer (72,000µF of smoothing in all), with a further supply for the low-level stages. The heatsink is cooled by a quiet, proportional speed fan. The XL600 costs £1,144. HW International, 3-5 Eden Grove, London N7 8EW.

New Sennheisers

Sennheiser have introduced two more headphone sets in their update programme. The HD520 and HD530 replace the HD420 and HD430. New oversize diaphragms provide a wider frequency range and larger drive coils, combined with high flux neodymium iron magnets, offer high sensitivity and an excellent transient response. The headphones differ in that the 530 uses the aluminium voice coil

technology developed for the HD540 (reviewed in October 1986, Gold version February 1988) whilst the HD520 uses copper. Both units are 600 Ohms impedance and have stainless steel, multi-stranded connecting leads. As usual with Sennheiser all parts are replaceable. The HD520 costs £59.95 and the HD530 £69.95. Hayden Laboratories Ltd., Chiltern Hill, Chalfont St Peter, Bucks SL9 9UG.

Quad protection

Quad have developed a new protection circuit for owners of the original Quad Electrostatic loudspeaker to eliminate the risk of damage to the high frequency unit through sparking with over-large signals. The circuit is based around a new high-voltage zener diode and limits the maximum voltage which can be fed to the HF driver. The circuit is meant only to protect against short-term peaks, not against sustained over-driving, but as the sound distorts when it operates the user is made aware of the danger. The circuit can be fitted by Quad or a local Quad dealer and costs £18.00. Quad Electroacoustics Ltd., Huntingdon PE18 7DB.

In brief

As a result of increased sales of both its video and audio products throughout Europe, Maxell (UK) Ltd. is planning to add the manufacture of audio tapes to its existing video product range at its Telford plant ● Specialist Swiss Electronics

company FM Acoustics has acquired Precision Cable Technology, suppliers of low-loss precision transfer cables for professional applications. FM Acoustics Ltd., Tiefenhofstr. 17, CH-8820 Waedenswil, Switzerland ● Grahams Hi-Fi is moving from its Pentonville address to new purpose-designed premises at Canonbury Yard, 190A New North Road, London N1 7BS.

Obituary

Brian Reilly, Chairman of Panasonic UK has died after nearly 30 years working in the audio industry. He began his career with Proctor and Gamble and in 1962 joined Radio and Allied Industries Ltd., a subsidiary of GEC, becoming in due course its Managing Director and Deputy Chairman. He was appointed Chairman of Panasonic UK in 1979. Brian Reilly was a Council Member and Trustee of the audio industry's trade association BREMA and was a past President of the EEI Benevolent Association.