

The Valve Museum

Updates April 2020

Updated article 261 the Chinese FU-32 SE amplifier. New measurements and power graph added.

Updated article 267. The small simplex stereo amplifier has been a revelation. Low power, only 15 dB channel separation but sounds very good and subjectively has adequate separation. Much experimentation has followed.

Article 268 deals with an experimental 832A amplifier. The amplifier was used for the Simplex Stereo experiments and found to sound good but be of low output. A re-build to double the 832A current to 50 mA and re-assess.

Article 269 describes the latest Chinese amplifier purchase. Push-pull EL84 equivalents. Claimed to be 8 Watts per channel – found to be 1.5 Watts per channel.

Article 270. After nearly two decades since being built an AC/Pen amplifier is measured.

Updated add146 – Murphy radiogram A274SR – with performance measurements.

Additional text feature add183 on using an FFT display to measure THD of an amplifier.

Trawl of data-sheets: added 120 data-sheets plus added some dates of introduction.

| | | | | | |
|---------|--------|----------|--------|--------|-----------|
| E282F | E3F | E81L | E82CC | E84L | E86C |
| E90F | EA53 | EA41 | EBF11 | EBF32 | EC56 |
| EC57 | EC71 | EC80 | EC90 | EC94 | EC97 |
| EC98 | ECC230 | ECF805 | ECF812 | ECF86 | ECR35 |
| ECR60 | EF51 | EF734 | EF804 | EFM11 | EHA5000 |
| EHW5000 | EL12 | EL300 | EL36 | EL5 | EL503 |
| EL508 | EL6 | EL-C1K/B | EM83 | EM840 | EN30 |
| EN70 | EN92 | ES75 | ES833 | ES85 | ESU101 |
| ESU103 | ESU115 | ESU200 | ESU300 | ESU400 | ESU74 |
| ESU75 | ESU76 | ESU77 | ESU866 | ESU872 | ESW204 |
| EY500 | EY81 | EZ3 | EZ4 | A40 | AC5-PenDD |
| ARDE | AZ4 | B2 | BR179 | BR191B | BR194 |
| BR95 | BY189 | C3 | C12 | C1134 | C178 |
| C180 | C4 | CAT14 | CAT3 | CAM2 | CAR2 |
| CAR4 | CAR6 | CAT17 | CAT20 | CAT21 | CAT22 |
| CAT26 | CAT27 | CAT29 | CAT30 | CAT6 | CK502AX |
| CK510AX | CL6 | CR192A | D12F | D11F | D4 |
| DA1 | DA100 | DA2 | DA3 | DA250 | DB4-2 |
| DD/Pen | DET18 | DF62 | DG13-2 | DG7-31 | DG7-36 |
| DH | DK40 | DL95 | DLS19 | DN41 | DP4-1 |

Added 10 new exhibits taking the count from 6031 to 6039

| | | | | | |
|---------|--------|---------|------|------|------|
| GR26-16 | 6S45PE | STR4B32 | 5Z4P | 6H8C | DO26 |
| 4052-A | GH2677 | QX | 6P14 | | |
| | | | | | |