## CHEVIN RESEARCH

## **Power Amplifier Q1060**



The classic Chevin A-Series amplifier is built in a steel and aluminium housing incorporating lateral Mosfets and the legendary Chevin Power Supply, this combination produces the traditional Chevin sound.

- High efficiency power supply design
- Lightweight and compact
- Excellent sonic quality
- Comprehensive protection system independent for each channel
- Anti-surge AC 'soft-start' circuit with automatic mute on power up

## **Technical Specification**

| RMS Power Output                             |                            |
|--|----------------------------|
| into $8\Omega$ (per channel)                 | 2 x 600 / 350 W            |
| into $4\Omega$ (per channel)                 | 2 x 1000 / 600 W           |
| Number of Channels                           | 4                          |
| Power Bandwidth +0db, -3db                   | 2 Hz – 80 kHz              |
| Slew Rate in Excess of                       | 75 V / μS                  |
| Gain   | x 65 / x 50                |
| Total Harmonic Distortion                    |                            |
| typical @ 1db below clip                     | 0.04 %                     |
| 20 kHz @ 1db below clip                      | 0.07 %                     |
| Signal to Noise Ratio                        |                            |
| Typical Reference Full Output, Unweighted    | -125 dB                    |
| Worst Case 10 Hz – 30 kHz                    | -95 dB                     |
| Crosstalk Typical                            | -115 dB                    |
| Damping Factor                               | 400                        |
| Input Impedance Electronically Balanced      | 10 kΩ                      |
| CMRR (typical)                               | -70 dB                     |
| Input Sensitivity                            |                            |
| Reference Full Output into 4 $\Omega$        | 1V RMS                     |
| Protection                                   |                            |
| Clipping, Load Below 2.4 $\Omega$            | soft, dynamic linear       |
| Shorted Output, DC or RF at Output           | immediate                  |
| Power Consumption                            |                            |
| 1/3 Power Typical Program                    | 1.8 kVA                    |
| 50/60 Hz AC in Volts (internally selectable) | 220 – 240 V or 100 – 120 V |
| Dimensions / Weight                          |                            |
| H X W x D / Rack Units                       | 88 x 483 x 381 / 2U        |
| Net Weight                                   | 14kg                       |



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