

200W SC200 Amplifier Module Kit

(SC Jan-May '17)

This amp design incorporates most of the features of Silicon Chip Ultra-LD Mk4 200W amp but uses easy-to-solder through-hole components - no SMD! 200W into 4Ω load. The board features clipping and power indicators & on-board DC fuses. Circuit has short circuit and overload protection. Note: heatsink sold separately.



SPECIFICATIONS

Power output: 200W RMS into 4Ω, 135W RMS into 8Ω
 Signal to noise ratio: -116dB unweighted
 Total harmonic distortion: <0.01%, 20Hz-20kHz
 Frequency response: 10Hz-20kHz
 Power requirements: ±57V DC from a 40-0-40 transformer

Price Each	RRP	4+
K 5157	97.75	94.50

▼ **Kemo Amplifier Modules**

These German designed pre-built amplifier modules are a quick cost effective solution for custom audio projects. All you need to do is connect a power supply, speaker and an input. Each module is encapsulated in epoxy resin, offering excellent durability and reliability.

Kemo® 3.5W Mono Amplifier Module

Power: 3.5W Max
 DC volts: 4.5 - 12V
 Impedance: 4 - 16Ω
 Frequency response: 40Hz - 20KHz
 Input sensitivity: <80mV
 Connections: 60mm flying leads
 Dimensions: 40W x 40D x 12Hmm



Price Each	RRP
A 0700	28.50

Kemo® 12W Mono Amplifier Module

Power: 12W Max
 DC volts: 6 - 16V
 Impedance: 4 - 16Ω
 Frequency response: 40Hz - 20KHz
 Input sensitivity: <80mV
 Connections: 60mm flying leads
 Dimensions: 62W x 36D x 23Hmm



Price Each	RRP
A 0702	35.25

Kemo® 40W Mono Amplifier Module

Power: 40W Max
 DC volts: 6 - 16V
 Impedance: 4 - 8Ω
 Frequency response: 20Hz - 20kHz
 Input sensitivity: <500mV
 Connections: 60mm flying leads
 Dimensions: 70W x 45D x 29Hmm
 Must be bolted to a suitable heatsink.



Price Each	RRP
A 0705	57.50

Kemo® 12W 'Plug And Play' Mono Amplifier Module

Fitted with RCA input, 2.5mm DC jack and volume control.
 Power: 12W Max
 DC volts: 6 - 16V
 Impedance: 4 - 16Ω
 Frequency response: 40Hz - 20kHz
 Input sensitivity: <80mV
 Speaker connection: 280mm Flying lead
 Dimensions: 72W x 50D x 42Hmm



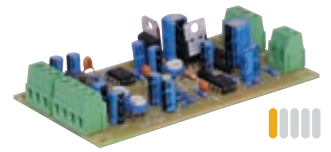
Price Each	RRP
A 0720	53.50

▼ **Pre-Amplifier Kits**

Balanced Input Mic Pre-Amp Kit

(SC April '95) Designed by Altronics.

This kit will amplify a microphone (low level signal) to a line level to connect into an amplifier. It features high performance with a balanced mic input as well as two auxiliary inputs which are all mixed. It can be configured to operate from either a single ended power supply (12V to 30V DC), or a split rail power supply (±15V to ±30V DC), making it ideal to build into any existing amplifier.



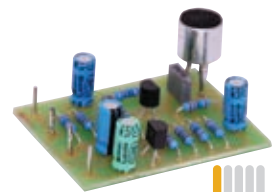
SPECIFICATIONS

Mic gain: 59.5dB
 Mic S / N ratio: -74dB
 Mic freq. resp.: 180Hz to 20kHz
 Aux gain: 13.5dB
 Aux S / N ratio: -99 dB
 Freq. resp.: 30Hz to 20kHz

Price Each	RRP	5+
K 5531	28.75	24.75

Pre-Champ Pre-Amplifier Kit

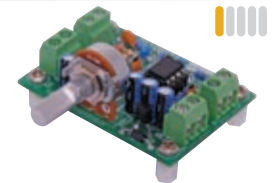
(SC July '94) Designed to complement the K 2115 champ amplifier. When it comes to simplistic but effective circuit design, you can't beat the pre-champ. It has been designed to complement the CHAMP kit, which when combined, boosts the overall gain. Ideal for electret microphone pre-amplification. Requires 6 to 12 Volts DC. PCB size 46 x 36 mm.



Price Each	RRP	5+
K 2112	11.50	10.50

Champion Pre-Amplifier Kit

(SC January 2013) Designed to complement the K 6066 Champion Amp kit. Utilises a low voltage op-amp IC with considerably better performance than the 'Pre-Champ' above. Provides added gain to your signal when used with general audio circuits, microphones or instruments. Requires 4-13.5V DC to operate.



Price Each	RRP	4+
K 6044	16.75	15.25

Balanced To Unbalanced Converter Kit

(SC June 2008) If you need to send audio over long distances this kit can convert unbalanced line level signals to balanced. Perfect for preventing hum and noise. The kit can also convert balanced signals to unbalanced.



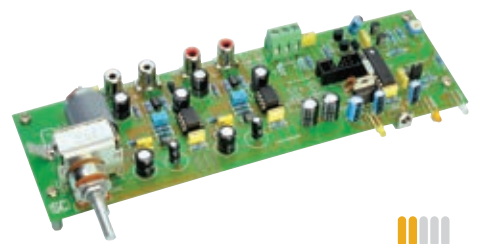
SPECIFICATIONS:

Signal to noise: -100dB (1V output, 4.7kΩ load)
 Freq. response: -3dB @ 2Hz to 200kHz
 Power supply: 9V to 30V DC or +/-9V to +/-15V AC

Price Each	RRP	4+
K 5522	37.95	33.95

Ultra Low Distortion Pre-Amplifier Module

(SC Nov '11) Originally part of the Silicon Chip Ultra-LD MKII amplifier design, this pre-amplifier board can be adapted to a variety of audio related projects requiring a high performance input board. It also features motorised remote control volume.



Price Each	RRP	5+
K 5169	49.95	44.95