▼ Kemo Amplifier Modules

Kemo® 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	38.50

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	59.00

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

Precision Audio Signal Amplifier Kit

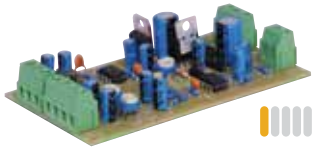
If you've ever tried to view a microphone signal on an oscilloscope and lost it in the noise, then you'll know just how handy a signal amplifier can be. This kit provides a breakout for the high-performance AD4625-1 opamp with provision for a number of fixed gains, suitable for working with audio signals.

Price Each	RRP	2+
K 5532	56.00	51.00

▼ Audio Modules

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.

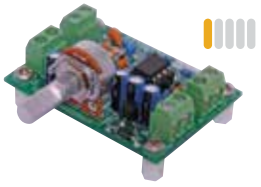


Mic gain	59.5dB
Mic S / N ratio	-74dB
Mic freq. resp.	180Hz to 20kHz
Aux gain	13.5dB
Aux S /N ratio	-99 dBA
Freq. resp.	30Hz to 20kHz

Price Each	RRP	5+
K 5531	28.75	24.75

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

Speaker Protection Module Kit

(SC Nov '11) Originally part of the Silicon Chip Ultra-LD MKII amplifier design, this speaker protection board can be built into amplifier designs offering over temperature and short circuit protection for connected speakers.

Price Each	RRP	5+
K 5167	32.25	28.95

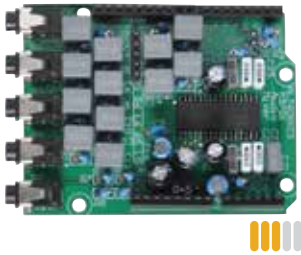
7 Band Parametric Equaliser Kits

(SC April '20) Tailor the sound of your listening experience with this high spec EQ board. Build it into your own amp or pre-amp design. Mono version is great for musical instruments. 63Hz, 160Hz, 410Hz, 1kHz, 2.5kHz, 6.2kHz, 16kHz bands with ±12.5dB boost/cut.

Price Each	RRP	4+
K 5310 Mono	60.00	55.00
K 5315 Stereo	85.00	78.00

PT2329 Digital Audio Shield For Arduino

(Designed by Altronics) The PT2329 is an audio processor IC consisting of a stereo input selector along with volume and tone controls, all controlled through I2C. We've managed to fit this IC and required supporting components into a standard Arduino Uno shield footprint. It's the perfect solution for when you want to build your own digitally controlled stereo system.



Price Each	RRP	2+
K 9701	30.00	25.00