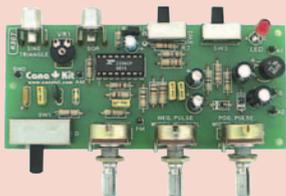


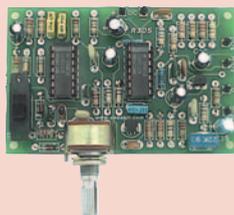
OSCILLATORS & SIGNAL GENERATORS



100KHZ FUNCTION GENERATOR

This function generator is an indispensable piece of test equipment for any electronic technician or hobbyist. Its design is based on the popular XR2206 monolithic function generator IC capable of producing high quality sine, square (or pulse), and triangle waveforms. The function generator operates over four overlapping frequency ranges: 1Hz to 100Hz, 10Hz to 1kHz, 100Hz to 10kHz, and 1kHz to 100kHz. In each range setting, the desired frequency and amplitude are adjustable. Supply voltage: 12V AC C.T. @ 100mA. Recommended transformer: 640-1203.

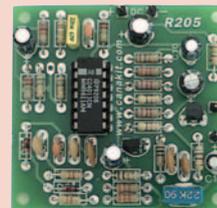
- CK307** Kit
- UK307** Assembled



SINE/SQUARE SIGNAL GENERATOR

A signal generator circuit ideal for electronic enthusiasts looking for a sine and square wave generator in the audio frequency range. It is also an instructional tool that can be used to display waveforms on an oscilloscope. The circuit is based on a Wien-Bridge oscillator and can produce frequencies from approximately 40Hz to 2.5kHz or from 2.5kHz to 10kHz depending on the position of the range select switch. Supply voltage: 9V DC @ 20mA. Includes 9V battery snap.

- CK305** Kit
- UK305** Assembled

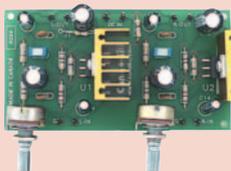


MINI SINE WAVE OSCILLATOR

This small circuit will produce a sine wave with a frequency of about 1kHz, ideal for testing electronic audio circuits. The circuit is based on a Wien-Bridge Oscillator which provides a sinusoidal output. It can be modified in order to produce other output frequencies such as 50 or 60Hz by simply replacing two resistors. Supply voltage: 9V DC. Includes 9V battery snap.

- CK205** Kit

AMPLIFIERS & PRE-AMPS



2 X 10W STEREO AMPLIFIER

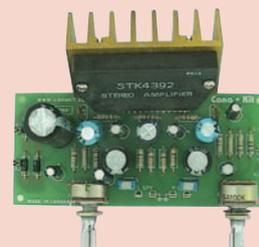
A stereo amplifier that will convert your MP3 or portable player into a stereo system with enough power to fill a large room with stereo sound. Features include temperature compensation and overload protection. Supply voltage: 12 to 18V DC @ 1 to 1.5A.

- CK254** Kit
- UK254** Assembled

2 X 25W (RMS) HYBRID STEREO POWER AMPLIFIER WITH POWER SUPPLY

A complete high quality, low noise stereo audio power amplifier based around the Hybrid IC STK4392. The circuit incorporates PC board mounted volume and balance controls and has a maximum music output power of 35W per channel. The circuit incorporates an on-board power supply. Supply voltage: 24 - 32V AC @ 2A. Recommended transformer: 640-242.

- CK260** Kit
- UK260** Assembled



2 X 5W WALKMAN STEREO AMPLIFIER

This circuit can change your MP3 or portable player into a stereo system with enough power to fill a large room with stereo sound. Features include temperature compensation, output short-circuit and overload protection. In addition, the circuit has low/high impedance inputs that can be connected to any stereo audio source. Supply voltage: 12 - 16V DC @ 1A.

- CK154** Kit
- UK154** Assembled

2 X 20W BRIDGED STEREO POWER AMPLIFIER

This circuit consists of two separate 20W bridged power amplifiers (one for each channel) based on four TDA2003 monolithic Integrated Circuits to deliver more than 40W of music power into a pair of 4 Ohm speakers. Running on 12V DC, this stereo amplifier is ideal for use in the car to boost the audio power or to power additional speakers. Supply voltage: 12 - 18V DC @ 2 - 3A.

- CK194** Kit
- UK194** Assembled



20W BRIDGED POWER AMPLIFIER

A compact, yet powerful audio amplifier using two TDA2003 monolithic Integrated Circuits connected in bridged configuration to achieve more output power at 12V DC supply. It can deliver more than 20W of music power into a 4-Ohm speaker and is ideal for any kind of audio amplification application. Supply voltage: 12 - 18V DC @ 2A.

- CK193** Kit
- UK193** Assembled

ELECTRET MICROPHONE PRE-AMP

This ECM microphone pre-amplifier incorporates a sensitive PC board mounted electret condenser microphone and two transistors. It will amplify the microphone signal and will provide an output that can be connected to any audio amplifier with standard input sensitivity like our model numbers CK/UK153 and CK/UK193. Supply voltage: 9V DC @ 20mA. Includes 9V battery snap.

- CK495** Kit
- UK495** Assembled

2.5W AMPLIFIER WITH MICROPHONE PRE-AMP

A simple amplifier built around the LM380 Integrated Circuit. Includes a pre-amplifier circuit for a dynamic microphone that can be connected to the PC board mounted jack. It will deliver up to 2W of power into an 8-Ohm speaker. Supply voltage: 10 - 18V DC @ 500mA. Recommended adapter: RP-1250.

- CK151** Kit
- UK151** Assembled



5W AUDIO AMPLIFIER

This circuit is a compact design AF amplifier based on the TBA810 Integrated Circuit. Its low consumption and compact dimensions make it ideal for all kinds of audio amplification applications. The circuit incorporates an overload protection circuit and volume control. In addition, the circuit has low/high impedance inputs that can be connected to any audio source. Supply voltage: 12 - 16V DC. Recommended adapter: RP-1250-P.

- CK153** Kit
- UK153** Assembled

MINI MP3 STEREO AMPLIFIER

A very compact mini stereo amplifier that can be connected to the headphone jack of any MP3 or portable player. It is based on two LM386 low-voltage power amplifiers and provides up to 1W of music power for each channel. Includes all cables and plugs. Supply voltage: 6 - 12V DC @ 200mA. Includes 4 x AA size battery holder.

- CK122** Kit
- UK122** Assembled

