



Canakits are available in two different versions: in a KIT form or as a preassembled MODULE

KITS (Assembly required) feature:

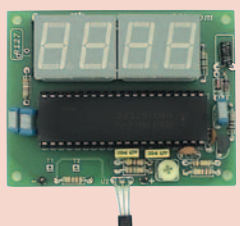
- Quality parts
- Silk-screened fiberglass PCB
- Step by step instruction manual with schematics
- Ideal for students and hobbyists
- Order as CK-xxx version

MODULES (Preassembled) feature:

- Fully built and tested units
- Same quality PCB and parts as the Kit version
- Operating instructions
- Ideal for quick and economical sub assemblies or projects
- Order as UK-xxx version

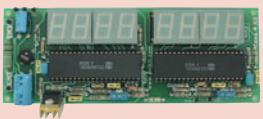
WARNING: Please note that handling, testing and operating AC powered equipment can be very dangerous when basic safety rules are not followed. If you are inexperienced or not confident in working with AC powered circuits, we strongly recommend that you DO NOT attempt any AC powered kits.

DIGITAL METERS



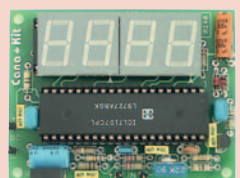
DIGITAL THERMOMETER
This LED digital thermometer uses an LM35 National Semiconductor IC as its temperature sensor. It shows the temperature with an accuracy of 0.5 C on its digital display. The thermometer will measure from 0 to 50 C. Supply voltage: 5V DC @ 150mA (regulated).

CK127 Kit




DUAL DISPLAY DIGITAL VOLTMETER/AMMETER WITH POWER SUPPLY
This dual digital panel meter measures and displays both voltage and current, ideal for your laboratory DC power supply. It includes two 4-digit 0.7" high LED readouts. It can measure DC voltages from 0 to 99.9V (resolution of 0.1V) and DC currents from 0 to 5.00A (resolution of 10mA). Supply voltage: 12V AC C.T. @ 300mA. Recommended transformer: 640-1203.

CK203 Kit
UK203 Assembled



DIGITAL LED VOLTMETER
This digital voltmeter is ideal to use for measuring the output voltage of your DC power supply. It includes a 3-digit LED readout with a negative voltage indicator. It measures DC voltages from 0 to 99.9V with a resolution of 0.1V. Supply voltage: 9V DC / 150mA. Recommended adapter: RP-9200-P.

CK148 Kit



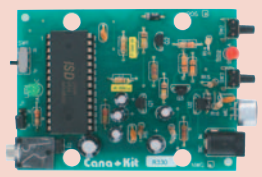
UNIVERSAL DIGITAL PANEL METER
This high-bright digital panel meter is a universal circuit that can be used as a voltmeter, ammeter, thermometer or any other measuring device. The manual has detailed instructions on how to setup the circuit to perform different kinds of measurements. The circuit features high precision and high input impedance. Supply voltage: 5V DC @ 150mA (regulated).

CK221 Kit

VOICE CIRCUITS

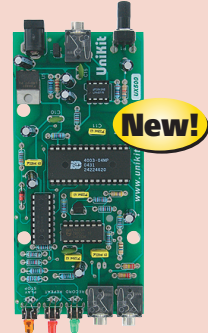
DIGITAL VOICE RECORDER/PLAYER WITH REPEAT FUNCTION
A digital audio recorder/player, that can record up to 1 Minute (UK330M1) or 2 Minutes (UK330M2) of speech or any other audio with the built-in microphone and later play it back anytime. Recordings are stored in a non-volatile memory cell and will not be lost if power is disconnected. The circuit also features a Repeat (Looping) mode of operation. Supply voltage: 9V DC @ 150mA. Recommended adapter: RP-9200-P.

UK330M1 (1 Minute) Assembled
UK330M2 (2 Minutes) Assembled




DIGITAL VOICE RECORDER/PLAYER WITH REPEAT FUNCTION
A professional digital voice recorder/player that can record up to 4 Minutes (UK500M4) or 8 Minutes (UK500M8) of high quality speech or any other audio. It incorporates a built-in microphone as well as a line-in audio jack for direct recording from any audio source. Recordings are stored in a non-volatile memory cell and will not be lost if power is disconnected. The circuit also features a Repeat (Looping) mode of operation. Easy operation through 3 push button switches (Record, Play and Loop). Supply voltage: 9V DC @ 300mA. Recommended adapter: RP-9200-P.

UK500M4 (4 Minutes) Assembled
UK500M8 (8 Minutes) Assembled



ROBOT VOICE IMITATOR WITH POWER AMPLIFIER
This robotic voice imitator circuit incorporates a built-in amplifier, microphone preamplifier, microphone jack and a voice processing circuit which adds a robotic sound effect to your voice. Supply voltage: 12V DC @ 200mA. Recommended adapter: RP-9200-P.

CK273 Kit



SUPER SENSITIVE VOICE ACTIVATED SWITCH (VOX)
The circuit is based around an IC that ensures very high sensitivity. Any sound will be captured by the microphone and will activate the output relay which will remain activated while there is sound. It has many applications such as controlling a tape recorder in seminars and classrooms (the recorder will start recording only when the speaker starts speaking). Relay: 3A @ 110V AC. Supply voltage: 12V DC @ 50mA. Recommended adapter: RP-9200-P.

CK257 Kit
UK257 Assembled

