

# ALTRONICS

Build It Yourself Electronics Centre®

# October

## NEW VIC STORE! AIRPORT WEST

5 Dromana Ave.  
(opposite Officeworks  
& Westfield).  
NOW OPEN!



### Get started in electronics with this handy 20pc kit.

A jam packed starter kit including soldering iron, multimeter, solder sucker, wire stripper, cutters, pliers and more! Ideal for beginners & enthusiasts.



**SAVE 20%**

**\$59**

**SAVE 24%**

**\$30**



### 101 Pc Ratchet Driver Kit

A tool for every occasion! Features 95 security, philips, pozis and slotted bits made from tough S2 alloy. Includes two way ratchet handle with comfy rubber grip. See web for full contents list.

**\$29**

**SAVE \$10**

X 0432

### No more eye strain!

This jumbo 5x loupe with LED lighting provides a crisp clear view of fine print, circuit boards, small parts etc. USB rechargeable. Includes carry case.

### True RMS Autoranging Meter

A price breakthrough for accurate True RMS AC measurement! Packed with features for under \$40. Includes carry bag and test leads.

**\$39.95**

Q 1130B



**\$42**



**NEW!**

### Bare Conductive® Paint Jar

Paint real circuits on almost any surface! Great for repairs or experimenting. 50ml jar.

## DEAL OF THE MONTH!

### Micron® 60W Digital Soldering Station

An excellent multi purpose soldering iron for service technicians, schools, engineers, R&D, production work etc. Japanese long life ceramic element. 150°-480°C. 0.8mm tip. 2 year warranty.

**\$99**



T 2417

**SAVE \$40**



**\$49.50**

### Protect Your Battery With ANBI® Switch

ANBI is an Australian designed battery isolator which prevents your battery from draining when not in use by isolating the negative terminal. Also a great anti-theft device! Ideal for cars, boats, caravans, even mowers! Installs in a few minutes.



**SAVE \$30**  
**\$139**

M 8198

**Includes air compressor  
& ultra compact lithium  
jump starter!**

## NEW! iroda Li-Ion Soldering Irons

**12W**

90 minute run time -  
2500mAh - 540°C max.  
Ideal for occasional soldering  
jobs or light duty repairs and  
field servicing. Recharge by  
USB power adaptor in your  
car or at home - also  
recharges from a battery bank.

**\$84.95**

T 2690

**High efficiency.  
Compact. Easy to use!**

**\$169**

T 2694

**30W**

45 minute run time -  
2500mAh - 600°C max.  
Kit includes 3 tips & carry  
case. The perfect iron for  
field techs or working with  
automotive cabling etc. Easy  
to stay recharged on the job -  
recharge from flat in 3.5hrs.



**\$79.95**

A 3195

### USB Power Accessories For Your Iroda Lithium Iron...

**\$9.95**



M 8861 USB Mains Charger



**\$24.50**

D 0505A  
4000mAh  
Mobile Battery  
Bank.

**\$17.95**



M 8623B USB Car Charger

## Do-It-All Multimeter

With in-built AC mains detection.

This is one of the best DMMs we have evaluated when it comes to build quality and feature set. It's perfect for the serious electronics enthusiast, electrical tradesperson or service tech. 3.75 digit display features a LCD bargraph and helpful mode indicators. Includes carry case, temp probe, insulated test leads and 9V battery.

**\$99**



**SAVE \$26**

Q 1068

## Super-Tough DMM. Built like a tank!

This new multimeter is built tough with water and dust resistance, plus a impact resistant case for the rough and tumble of every day use in the field. Auto ranging design offers a feature list as long as your arm with a clear large digit backlit display. Includes carry case & test leads. See web for full spec list.

**\$149**

Q 1069



**SAVE \$50**

**\$169**

T 2444A

**SAVE \$66**

## Whisk away those soldering fumes!

#1 choice for schools! This 60W soldering station has a powerful in-built fume exhaust fan which sucks away the smoke when soldering. The active filter helps to reduce airborne pollutants in your workshop. Durable metal construction.

## Get a close up view with a desktop microscope

This high resolution 12 megapixel 200x USB microscope allows close up inspection of just about anything! USB PC interface, plus HDMI output for monitor connection. 220x magnification with 10-50mm focal length. In-built 2.4" LCD.

**\$230** **SAVE \$59**

X 4306



**SAVE \$180!**  
20 only at this price.

**\$719**

Q 0203A

## 100MHz Dual Channel Digital Storage Oscilloscope

Perfect for those in R&D, product development or servicing. 2 channels with real-time 1GSa/s sampling. Colour 7" TFT screen simultaneously displays waveform plus the measured wave voltage, peak to peak plus RMS, frequency, duty cycle etc. Realtime adjustments can be made using included PC software. Stored data can be saved to a USB stick.



**\$139**

Q 2120

**SAVE \$60**



**SAVE \$20**  
**\$49**

**Q 1250**

## Battery Health Analyser

Detects and analyses voltage, cold cranking amperes, resistance and cell condition in 12V lead acid cells. Easy connection and on screen menu driven operation. Ideal for vehicle servicing or checking 12V SLA cells in battery backup systems.

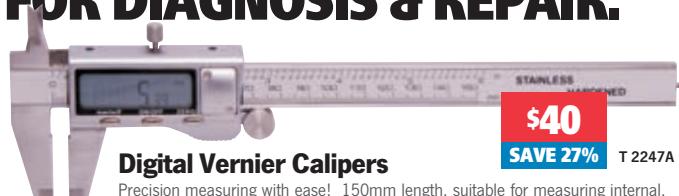
## Compact Wind Speed Tester

A compact thermometer & anemometer with max speed of 108km/h. Great for ventilation monitoring, experiments etc. Includes battery.

## Measure temperature without touching.

Twin laser beams for precise measurement between -50°C and 1050°C with 30:1 optical resolution. Adjustable emissivity to cater for different surfaces. It even connects to an external probe. 2% accuracy.

## TOP WORKBENCH DEALS FOR DIAGNOSIS & REPAIR.



**\$40**

**SAVE 27%** T 2247A

## Digital Vernier Calipers

Precision measuring with ease! 150mm length, suitable for measuring internal, external and depth dimensions. 0.01mm, 0.0005" and 1/128th" display.



**\$150**  
**SAVE \$35**

13.8V 20-22AMP

13.8V

20-22AMP

T 2247A

## Fixed 13.8V 20A Bench Power Supply

A fixed voltage output power supply designed for powering automotive, marine and comms equipment. Low noise and ripple design (<100mV) offers excellent efficiency and performance.

M 8254



**\$315**

Q 1346

**SAVE \$34**

**NEW!**

**\$49.95**

D 3009

Q 1346

KJ112

KJ112

WIRE TRACKER

# PROTECT YOUR HOME OR BUSINESS.



Why settle for just HD? This system features 2K detail and clarity.

**SAVE \$300**

**\$599**

S 9900G  
4 Domes  
**S 9901G**  
4 Bullets

## Affordable 4 Megapixel CCTV Surveillance System.

Simple to install with instructions supplied. Cameras can be remote viewed on iOS/Android. Each pack includes: • HD digital video recorder • Pro grade 4MP resolution weatherproof cameras • 20m connection leads • Power supply • HARD DRIVES TO SUIT: 1TB \$119 (D 5514), 2TB \$189 (D 5516).

## 4 Channel Wireless CCTV System

Add security to your home or business with our high resolution 4 megapixel (1080p) CCTV pack. Wireless cameras cut down installation time and effort! Pack includes power supplies for each camera, a network video recorder (expands to 9 channels!) and four compact bullet cameras.



**SAVE \$220**

**\$899**

S 9941

Nothing else to buy!  
Pre-installed with 1TB hard drive.



**\$99.95**

**NEW!**



**NEW!**

**\$69.95**

## 360+ Home Monitoring Wi-Fi Cameras

This new pair of cameras are ideal for remote monitoring around your home or business. Streaming directly to the cloud you can view live streams anywhere in the world. S 9006 is a low cost 720p model, ideal for baby/pet monitoring. S 9007 is 1080p with pan/tilt and 2 way audio (and object tracking).

## Battery Free Kinetic Door Bell

Never have to change the batteries on your door bell again! Kinetic action of the button press powers the signal to a wireless chime unit inside your home. 25 ring tones. 100m range.

A 0326



**\$34.95**

## Remote Motion Activated Camera

Records 720p video or 8MP still shot photos to internal SD card when motion is detected. Runs off batteries, so it's quick & easy to set up anywhere you need to keep an eye on things. Weatherproof case with LCD screen. Requires 8xAA S 4955B 4pk, \$3.95 & DA0322 16GB SD card \$16.95.



**SAVE \$40**

**\$159**

S 9444

## Wireless Shop Door Alert

A handy motion activated chime unit for shops to notify staff when customers arrive. 120m range. Requires 3xAAA batteries (S 4949B 4pk \$3.95) & 3xC batteries (S 4960B 4pk \$7.90).



**SAVE 22%**

S 5322

# POWER SAVERS..

**SAVE \$119**



M 8017A 12V  
M 8018A 24V

**\$440**

## Get Pure AC Mains Power In Your Car

BIG & BEEFY 3000W SURGE RATING! Delivers pure sine wave AC power to difficult loads, such as laptops & game consoles. 12V input, 1000W continuous rated. 274 x 131 x 83mm.

**SAVE 22%**



**\$99**

M 8534 6/12V 4.5A 7 Stage

**\$195**

M 8536 12V 10A 10 Stage

## Multi-Stage Weatherproof Vehicle Battery Chargers

Each model utilises a microprocessor to ensure your battery is maintained in tip-top condition whenever you need it. Helps to extend battery service life. Suitable for permanent connection. Great for caravans & seldom used vehicles.

## USB Car Jumpstarter & 2-in-1 Floodlight



**HALF PRICE!**

**\$64.50**

A must have for any road trip!

Starts most

4 & 6 cylinder cars from dead flat.

• 300 cranking amps • Fits in your glovebox • High power LED flood light • USB phone charging • Suits 12V vehicles only. • Includes carry case, battery clips, mains charger & USB lead.



**SAVE \$20**

**\$39**

N 0704

## 5W Solar Charger Module

Produces up to 400mA charge current. Ideal for maintaining a 12V lead acid battery. 465W x 320H.

## 5 Way Intelligent USB Charger

'Charge IQ' feature charges a connected device at the fastest speed. 7.8A max current. 110-240V - great for travel. Includes mains lead. 73x73x34mm.



**SAVE 30%**

**\$35**

M 8880

Shop online 24/7 @ [www.altronics.com.au](http://www.altronics.com.au)

# OPEN UP A WORLD OF ELECTRONICS LEARNING WITH BBC MICRO:BIT!

BBC micro:bit



## BBC micro:bit GO Kit

The BBC micro:bit is a pocket sized codeable computer with motion detection, compass, LED display and Bluetooth on board. Designed to be fun and easy to use for students in coding class rooms. It even connects to Arduino and Raspberry Pi! Includes USB lead and battery pack.



### Breadboard Shield

Features an adhesive breadboard, plus matching solder masked PCB holes underneath for when you want to solder down your design. All micro:bit pins broken out to headers.

## MAKER BITS 'N' PIECES...



### Ethernet IoT Arduino Development Board

Connect your Arduino design to the internet-of-things with this handy W5500 ethernet board with atmega328p on board. Fully compatible with UNO with integrated USB download & micro SD card slot.



### 2.8" Touchscreen Shield

A 240x320px touchscreen shield for Arduino utilising the ILI9325 chipset. 3.3V input.



**\$18.95**

Z 6460

**\$26.95**

Z 6462

### 4 Relay Control Board

Features 4 x 3A 120V AC/24V DC rated relays for building in device control, and trigger other systems in your design.



**\$16.95**

Z 6469

**\$23.95**

Z 6466

### Motor Drive Breakout Board

Features two motor channels capable of 1.2A continuous load. Breaks out all micro:bit pins, plus a handy serial comms header for connection to bluetooth module.



**\$19.95**

Z 6464

**\$21.95**

Z 6463

### Power Breakout Board

Breaks out all the micro:bit pins, plus provides power via 2 x AA batteries. Includes short power lead adaptor.



**\$23.50**

Z 6465

### Joystick Control Pad Shield

Turn your micro:bit into a handheld game pad or use it as a controller for other projects.

**\$84.95**

K 5157

**NEW KIT!**

## 'SC200' 200W Amplifier Module Kit

(SC Jan-May '17) This completely new 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. Heatsink for illustration purposes, H 0536 \$25.95.

**\$69.95**

K 6037

**NEW KIT!**

## Super Smooth Motor Speed Controller Kit

(SC Mar '18) Smooth triac speed control for appliances rated up to 10A. Suits brush-type universal motors such as those in lathes, electric drills, circular saws, routers, nibblers & jigsaws.

**NEW KIT!**



**\$13.95**

## 'Choppy' PWM Control Kit

(DIODE Mar '18) A simple kit providing PWM output for 12V systems up to 5A. Great for motor speed control, light dimming adjustment and other level control applications.

# ALTRONICS

Build It Yourself Electronics Centres

### VIC

» Springvale: 891 Princes Hwy **NEW!** 03 9549 2188  
» Airport West: 5 Dromana Ave **NEW!** 03 9549 2121

### NSW

» Auburn: 15 Short St 02 8748 5388  
» Virginia: 1870 Sandgate Rd 07 3441 2810

### WA

» Perth: 174 Roe St 08 9428 2188

» Balcatta: 7/58 Erindale Rd 08 9428 2167

» Cannington: 5/1326 Albany Hwy 08 9428 2168

» Midland: 1/212 Gt Eastern Hwy 08 9428 2169

» Myaree: 5A/116 N Lake Rd 08 9428 2170

Or find a local reseller at:

[www.altronics.com.au/resellers](http://www.altronics.com.au/resellers)

Please Note: Resellers have to pay the cost of freight & insurance. Therefore the range of stocked products & prices charged by individual resellers may vary from our catalogue.

**Sale Ends October 31st 2018**

Phone: 1300 797 007 Fax: 1300 789 777

Mail Orders: [mailorder@altronics.com.au](mailto:mailorder@altronics.com.au)

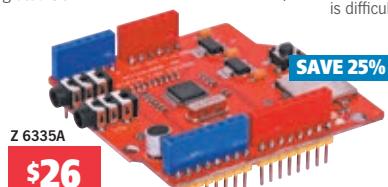
B 0092

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### Raspberry Pi POE Hat

Allows you to power the Raspberry Pi 3 Model B+ over ethernet. Great for remote IoT applications or any project where getting power to the location is difficult.



### MP3 Audio Arduino Shield

With on-board MicroSD slot for media playback. 3.5mm mic input and output sockets. 5V input.



### U-Blox Neo-6M GPS Shield With SD Slot

Add GPS positioning to an Arduino project. 3.3/5V logic level. Includes 28dB active antenna. 3.3/5V input, standard shield dimensions/pin outs.

**SAVE 20%**

**\$29**

### 2.8" Touchscreen Shield

A 240x320px touchscreen shield for Arduino utilising the ILI9325 chipset. 3.3V input.

### 3 Axis Digital Compass

Converts magnetic field to a differential voltage for heading information. 3.3V input.

**SAVE 33%**

**\$10**

