Sale ends January 31st 2018.

**www.altronics.com.au**

**1300 797 007**

# ALTRONICS

Build It Yourself Electronics Centre®

# New Year Gear!

NEW!

**$99**

C 9037

## Lost your headphone jack?

**No worries!** These latest release Bluetooth 4.1 wireless earbuds are a great value sports alternative to Apple Airpods. Weighing less than 6 grams they stay in your ear during exercise, are sweat resistant and offer 3 hours of listening time (9 hours total using the included USB charging case.) Includes 6 pairs of ear bud inserts, USB charging cable, removable earhooks and charging case.

Z 6440

**$32.95**

## 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.

## Protect yourself with a dashboard camera.

**SAVE $40**

**$185**

S 9437

This high spec recorder captures every minute you're driving in full 1080p HD, plus motion detect and parking monitor modes allow footage recording even when you're not driving! **Features:**

- 2.7" LCD screen
- Selectable white balance, exposure, dynamic range, resolution, audio recording.
- Optional second 720p camera (S 9438 $54.95).
- Optional GPS for Google maps integration (S 9439 $44.95).

~~$119~~

**$95**

**20% OFF!**

X 2320 10W

~~$175~~

**$140**

X 2321 20W

## Brilliant Battery Powered Work Lights

LED floodlamps coupled with a rechargeable battery offering up to 6 hours use. Includes car charger & plugpack. Great for work sites & service vans.

## Weatherproof Solar PIR LED Floodlight

NEW!

A compact weatherproof motion activated light with two activation modes. Rear facing dim light with front motion activated bright light. Solar powered. 145W x 96L x 75Dmm. 220 lumens.

**$29.95** X 2375

## Add Bluetooth Audio Instantly!

A 1101

**$29.95**

NEW!

Adds wireless audio streaming to any 3.5mm input, whether it be your car, your favourite headphones or home amplifier. Internal battery provides 5 hours of listening time and is USB rechargeable. Just 40mm long, weighing a mere 20g!

## Two Way Bluetooth Wireless Audio

A 1103

**$79.95**

Transmit audio from your TV to your headphones. Or use it the other way and send music from your phone to your amp. Uses low latency technology so theres no lip sync issues!

**NEW MODEL!**

**$1199**

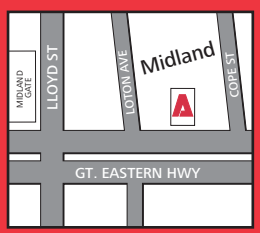
S 9941

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

## 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.

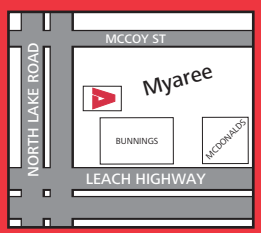
## NEW Build It Yourself Electronics Centres!




**MIDLAND**

**NOW OPEN!**

212 Great Eastern Hwy.




**MYAREE**

**Opens Late January**

5A 116 North Lake Rd.

Follow @AltronicsAU

www.facebook.com/Altronics

NEW!

$199

Q 1069

## It's waterproof! It's rugged! It's built like a tank.

This new meter 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 and test leads. See web for full spec list.

Records 1080p video!

X 4306

$289

## Get a close up view with a workbench microscope

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

## Price Breakthrough 40W Soldering Station!

The pefect balance of value for money and features for beginners or cash strapped students and enthusiasts. Slim, lightweight non-slip handle with tip cleaning sponge and iron safety holder. Full range of spare tips also available.

NEW!

$59.95

T 2090

$79.95

T 5018A

## Lockable Equipment Case

With customisable foam inner and eggshell foam lid to keep equipment secure and safe. Ext. size: 495x365x128mm.

## The All-Rounder Student DMM

The perfect beginner, student or enthusiast multimeter. 12 auto ranging test modes with good accuracy and an easy to read jumbo digit 4000 count screen. Includes test leads.

$29.95

Q 1129

# BEEF UP YOUR WORKBENCH WITH THESE DEALS...

SAVE 20%

T 2163

$59

## 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.

## Clean & Revive Small Parts

Our 50W ultrasonic cleaner uses water and household detergent, coupled with ultrasonic waves to clean jewellery, small parts, DVDs etc, without damage - no solvents required. Stainless steel 600ml tank.

SAVE $25

Shifts hard to remove gunk from glasses, CDs, rings, jewellery & more!

X 0103

$80

A workbench essential. SAVE UP TO 20%

| $13.50 | $17.95 | $19.95 | $69.95 |
|---|---|---|---|
| $11 | $13 | $15 | $55 |
| T 2401 25W | T 2405 40W | T 2409 60W | T 2487 50W |

## Micron® Soldering Iron Sale

An iron for every occasion! T 2401-09 are ideal for general purpose soldering. T 2487 features adjustable temperature for more sensitive work.

Inspect A Gadget

## USB Clip On 5x Magnifier Lamp

The latest Inspect-A-Gadget magnifier is powered by a USB port and provides a crisp, clear view of your workbench. 430mm long. 1.5m USB lead.

$39.95

X 0435

NEW MODEL!

## 3 in 1 LED Work Light

Features a mini flood light, top mount spot torch & SOS beacon. Requires 3xAAA batteries (S 4904 2pk).

$10

SAVE $9.95

X 0223

NEW!

$89.95

T 2252

## Laser Tape Measure

Great for trades & consultants. Accurate to 2mm up to 30m. Requires 2 x AAA (S 4904 $4.95 4pk)

$18.95

NEW!

T 3132

## Bare Conductive® Paint Pen

Draw real circuits on almost any surface! Great for repairs or experimenting. 10ml tube.

$44.95

$35

T 2480

T 2451

Add 250ml butane for $7.50

## All heat & no flame!

Iroda® Pocket thermo-gun. Great for removing adhesives & paint. 650°C max. Refillable.

$24.95

$17

X 0199A

## Light up your work space!

Great for work or play. Features 7 light modes. Requires 3 x AAA (S 4904 $4.95 4pk)

# POWER FOR HOME OR THE OPEN ROAD!

NEW!

$299

N 1120

## 120W Portable Folding Solar Power Kit

**Going bush? Have power wherever you go on your next 4WD adventure.**

This complete power kit includes 120W panel, solar regulator, battery connection cables and canvas carry case. 3 stage solar charger ensures your batteries are alway performing at their peak! Adjustable stand for finding best sun placement. 720x520x70mm (folded).

$469

**N 1114** 100W

$279

**N 1112** 50W

NEW!

## Portable Fold Up Solar Power 'Blankets'

**The perfect go-anywhere power accessory - use it to charge batteries when you go bush!** If you don't want a permanent solar panel on your 4WD, car or caravan, this fold up solar blanket is a great option. It includes a regulator and croc clips for direct hookup to your battery.

~~$59~~

$39

N 0704

SAVE $20

## 5W Solar Charger Module

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

$69.95

N 2018

NEW!

## Price Breakthrough! 20A Solar Charger

High current solar chargers were once sold for over $200 - these new quality units are less than $100 and feature USB charging and a full LCD readout with essential battery information. Suits 12/24V systems.

NEW!

S 2680

$49.95

## Smart Battery Isolator

A voltage sensitive relay designed to combine two batteries when charging, isolating each battery when not. Ideal for 4WDs, caravans etc.

## Mini Volt Meter

Great way to monitor battery charge voltage. Suits P 0679/81 panel plates.

~~$14.95~~

$11

P 0672

## Dual USB Charging Socket

3.1A max output. Suits standard switch recesses.

$24.95

P 0690

NEW!

~~$59.95~~

$47

A 0287A

## Lithium/NiMH Cell Charger

With 5V USB output (use charged cells as a power bank). Car & mains use. Suits AAA/AA/C NiMH & 10340 to 26650 lithium.

**S 4732** With Tags

$17.95

$15.95

**S 4736** Standard

## 18650 Lithium Batteries

3.7V 2600mAh. Quality Samsung brand cells. Unprotected. 5.2A discharge current. 18.6Ø x 65mmL.

~~$19.95~~

$15

P 1926

## USB Voltage & Current Meter

Allows you to keep an eye on the output voltage and current from your USB port when charging.

$24.50

D 0505A

NEW!

$33.95

D 0507A

## Super Slim Battery Banks

Instant recharge for your phone. Slimline aluminium design, fits easily in your pocket.
D 0507A: 2A output, 8000mAH.
D 0505A: Single USB 1A output, 4000mAH.

BARGAIN!

~~$11.95~~

$10

M 8628

## Triple USB Car Adaptor

4.2A 5V DC output. Three outputs for charging multiple devices at once.

$10

33% OFF!

Z 6338

## DC-DC Converter Module

Allows a low input voltage (3.5-35V) to be increased to a higher output (5-25V). Easy to connect.

$10

Z 6544

SAVE 23%

## Run 5V circuits from two AA batteries!

Boosts the voltage output of two AA batteries to 5V - suitable for powering shields, sensors and controllers.

SAVE $40

## Lithium-Ion Car Jump Starter

Suits 12V battery vehicles. 20000mAh rated battery provides up to 1000A peak output when cranking. Two USB ports are provided for charging devices (like a giant battery bank!). It also has a super bright 1W LED torch in built. Dimensions: 178L x 84W x 45Dmm.

M 8195A

$159

SAVE 22%

## 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 boats, caravans & seldom used vehicles.

$99

**M 8534** 6/12V 4.5A 7 Stage

$195

**M 8536** 12V 10A 10 Stage

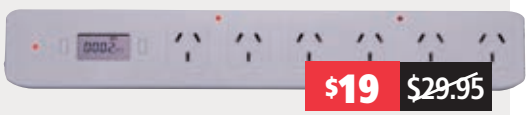
NEW!

$64.95

M 8881

## Charge EIGHT USB devices at once!

Got a family full of devices? This handy charger outputs up to 12A or charging current to keep all your tablets and phones juiced up! Includes power cord.



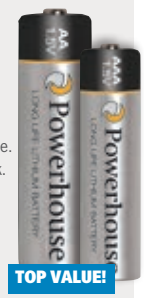
$19

~~$29.95~~

P 8134

## Easy Energy Usage Monitoring.

In-built energy meter to calculate running costs! Can be switched between energy saving (which reduces standby power use) or standard powerboard. Surge protected up to 30000A!




## Long Life Lithium Batteries

Ideal for high power devices. Not rechargeable. Price per two pk.

$4.95

**S 4904** 2xAAA
**S 4906** 2xAA

TOP VALUE!

# DESIGN & BUILD IT YOURSELF.

Z 6510

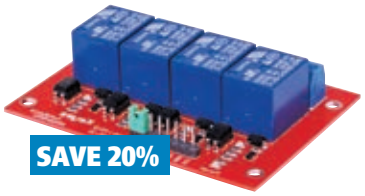
## 2.8" Touchscreen Shield

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

Z 6315

## 165pc Arduino Parts Pack

Includes a huge array of sensors, parts, LEDs, jumper wires, even an LCD screen!




## Relay Modules For Automation

10A rated relays with 5V DC coil. Suitable for controlling AC/DC signal.

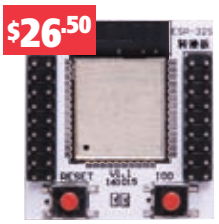
| Model | Relays | Normally | NOW |
|---|---|---|---|
| Z 6325 | 1 | $4.95 | $4 |
| Z 6327 | 4 | $12.95 | $10 |
| Z 6328 | 8 | $19.95 | $15 |

P 1012A 1660 Hole

P 1015A 2309 Hole

## Breadboards for big designs!

Huge breadboards with aluminium bases for those designs that are beyond the scope of your average breadboard!




Z 6347

## ESP32 Wi-Fi/ Bluetooth/BLE Module

Provides 2.4GHz Wi-Fi and bluetooth on board for projects requiring wireless control/ data transfer. Requires SMD soldering for assembly.

P 1014A 140pc

P 1018A 350pc

## Prototyping Wire Packs

Handy packs of pre cut and trimmed solid core wire for breadboarding your next design!

## Acrylic Sheets

New coloured 3mm acrylic sheets to feed to your laser cutter. Make your own enclosures and more! 199x199mm.

- H 0725 Clear.
- H 0726 Red Trans.
- H 0727 Blue Trans.
- H 0730 White
- H 0731 Black
- H 0732 Yellow

## Tinker Part Pack

A huge assortment of parts for experimenting and building. Includes diodes, LEDs, switches, resistors, caps, strip board, a motor & more. **Normal RRP value $55!**

K 9640

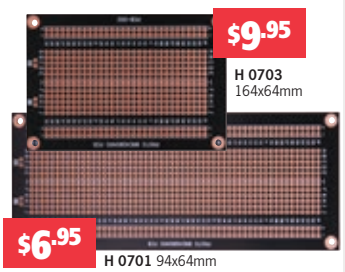
## Rare Earth Magnets!

After massive customer demand we've found a source of quality rare earth magnets. T 1464 has 4.5mm countersunk hole.

| Model | Type | RRP |
|---|---|---|
| T 1464 | 25x5mm Countersunk | $10.95 |
| T 1465 | 25 x 5mm Solid | $9.95 |
| T 1466 | 10 x 3mm 4 pack | $7.95 |

## Breadboard PCBs

Allows you to keep the same PCB layout as your breadboard design. Solder masked & screened. Power rails run the length of the board.



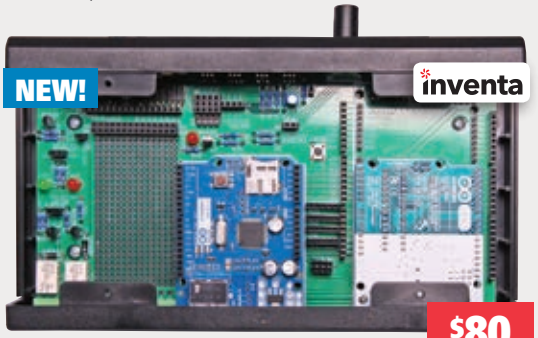

H 0703 164x64mm

H 0701 94x64mm

K 9675

## MegaStand Acrylic 16x2 LCD UNO Kit

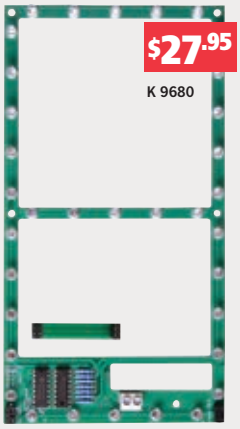
A cut down MegaBox which provides a backlit 16x2 LCD for simple readouts, plus room to customise the front panel with buttons or IR sensor. UNO (sold separately) fits neatly behind the screen and provides room for add-on shields as required.




K 9670

## MegaBox Kit For Arduino

The MegaBox allows an Arduino UNO or Mega to be plugged into it, along with a shield allowing you to build a design into a finished case. Plus it also features a 16x2 LCD, four buttons, rotary encoder, dual 2A 5V relay outs. All pins broken out to headers for connection to breakouts.




K 9680

## Build your own jumbo clock or counter

This handy kit makes one 210x110mm digit and can be paired with additional digits to create a clock, number counter etc. Red high brightness LEDs. Driven by Arduino ShiftOut.

K 9700

## 7 Segment Driver Shield Kit

Ideal for Arduino clock/counter control. Features two on board 74HC595 chips which can be easily driven using Arduino ShiftOut.

K 9805

## Heart Rate For Arduino Kit

**(DIYODE Nov '17)** A simple kit design for biometric Arduino projects - or anything where measuring a heartbeat is required. Requires 9V battery (S 4970B $3.95)

K 9800

## Simple Logic Probe Kit

**(DIYODE Oct '17)** A simple 3 state logic probe for diagnosing circuits, checking output pins etc. Includes test clip connection lead.

B 0092

**Sale Ends January 31st 2018**

Phone: **1300 797 007** Fax: **1300 789 777**

Mail Orders: **mailorder@altronics.com.au**

**Find your nearest reseller at: www.altronics.com.au/resellers**

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