

# ALTRONICS

Build It Yourself Electronics Centre®

# April



SAVE \$50

Z 6450

**\$139**

## DEAL OF THE MONTH!

### Bluetooth® Arduino Smart Tank Kit

Construct - Code - Program

An obstacle avoidance tank robot which can be modified, tweaked and upgraded as you level up your skills with Arduino. Features a solid pair of tracks with aluminium & acrylic base. Bluetooth smartphone control. Great for young builders looking for a challenge! **12+**



### Rugged Digital Multimeter.

**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.

**\$159**

SAVE \$40

Q 1069



**\$89.95**

NEW!

### Replacement Laptop Supply

Lost your laptop power supply? Or need an extra one for the office? This unit includes mains lead and 10 tips to suit popular models of laptop. Voltage output is set automatically. 5-24V @ 90W max.

**\$24.95**

K 9675

inventa

### MegaStand Acrylic 16x2 LCD UNO Kit

A cut down version of our popular 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.

NEW!

**\$29.95**

X 2375

NEW!

### Add light instantly!

A stylish motion activated light for paths, driveways, garden sheds etc. Charges by day, lights at night. Requires no batteries or cabling - just screw it to the wall in a sunny spot. Weatherproof design. 145W x 96L x 75Dmm.



**\$89**

SAVE \$20

### All your home entertainment in one box.

D 2815

Stream direct to your TV from your favourite services such as Netflix, Stan, YouTube and more! Capable of streaming stunning 4K videos @ 60fps! Requires 2A USB power supply. Pair it with our A 0981 wireless keyboard/trackpad for \$29.95.

### Bluetooth® 2 x 50W Mini Amplifier



A 4201

**\$199**

Stream audio directly from your device to your speakers in the study or entertaining area. 3.5mm and RCA inputs. Class D design with Class AB performance. Includes internal headphone amplifier.

NEW!



SAVE \$14.95

**\$60**

T 2120

### Cut, Polish, Grind, Sand & Carve!

This workbench essential is just the shot for electronics projects, crafts, hobbies and odd jobs around the house! Powerful 130W motor with variable speed between 8000 and 33000 RPM. Included is a 172pc accessory kit of grinding wheels, drills, cutters, sanding discs, polishing pads and more! Stows away in a hard plastic carry case.



**\$34.95**

D 4238

Includes laser pointer!

### Make your next presentation easy!

This 2.4GHz wireless presenter replicates PowerPoint slide controls in your hand. Plug and play, no drivers required for Mac or Windows. Includes battery.

NEW!



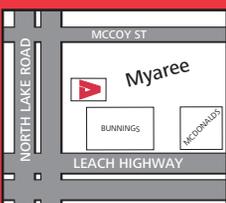
T 2699A

**\$16.95**

### Handy USB Soldering Iron

Powered by a USB port! Great for occasional jobs like fixing a dry joint. Built in handle switch and auto sleep mode ensures safe operation. Includes stand & USB lead.

## NEW WA stores now open!



**MYAREE**

5A 116 North Lake Rd.



**MIDLAND**

212 Gt Eastern Hwy.



SAVE 15%

**\$75**

D 2039

Waterproof design

### Brilliant Wireless Bluetooth® Sound

Ask for a demo in-store. Great for the outdoors, fits into your backpack with ease. 5 hr playback time with 4000mAh internal battery bank. Includes USB lead for easy charging (M 8862 USB wall charger, \$16.95) 268x70x100mm, 840g.



A 0345

**\$39.95**

### Remote Control Power Saver Kit

Allows you to cut standby power use by switching appliances off at the wall. 30m working range - even behind cabinets or desks. Max 2400W per outlet. Requires 2xAAA batteries (S 4955B \$3.95).

Don't forget the gas! T 2451 \$8.50 per 250ml can.



SAVE 22% THIS MONTH

<del>\$39.95</del> <b>\$30</b>	<del>\$55</del> <b>\$42</b>	<del>\$79</del> <b>\$60</b>	<del>\$119</del> <b>\$92</b>
T 2595 70W	T 2590 80W	T 2598 100W	T 2630 125W

### Iroda® Portable Soldering Tools

An iron for every occasion! T 2595 & T 2590 are ideal for general purpose soldering and occasional repairs. T 2598 and T 2630 are great for field techs. Plenty of power and capacity for bigger soldering tasks. All can be converted into a flameless heat gun, hot knife or blow torch with additional tips.

## TOP ELECTRONICS WORKBENCH DEALS!

T 2090

~~\$59.95~~  
**\$59.95**

NEW!



Top buy for the beginner or student.

### Bargain 40W Soldering Station

The perfect 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.

~~\$89.95~~  
**\$89.95**

NEW!

S 8747



Take snapshots & record video

### Handy Wi-Fi Endoscope Camera

Great for diagnosing problems in hard to reach places, this handy camera has a 2m lead with 2 megapixel camera, viewable on your phone or tablet screen. Connects up to 4 devices at once. LED camera light provides a clear view. Includes hook, magnet & mirror attachments. \*Phone for illustration purposes.



~~\$39.95~~  
**\$39.95**

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.

SAVE 17%



T 1090 0.5mm T 1110 1.0mm  
T 1100 0.8mm T 1122 1.6mm

Any 2 for  
**\$24**

### Quality Resin Core Solder

Premium grade for leaded soldering. 200gm reels. 60% tin, 40% lead.



SAVE 20%

T 4021

**\$38**

### Protect devices from static damage!

This ESD safe matting is a workbench essential! Generous 1m x 0.5m size with anti-static wrist strap.



T 2247A

**\$40**

SAVE 27%

### Digital Vernier Calipers - for a precise measurement every time!

Perfect for measuring small components, leg pitches etc. 150mm length, suitable for measuring internal & external depth. 0.01mm, 0.0005" and 1/128th" display.

## BENCH POWER SALE!



NEW!

M 8254

**\$185**

### 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.



SAVE \$170

**\$549**

M 8312 30A

Wide voltage range and high current output!

SAVE \$100

**\$299**

M 8310 20A

### High Current Lab Power Supplies

30V bench top power supply for use in servicing, repair and design. The low noise switchmode design offers excellent regulation for high current requirements. Offers the flexibility of both wide adjustable voltage & current range. Size: 336W x 87H x 214Dmm.

### Compact 30V Lab Power Supplies

Great for servicing, repair and design of electronics. Low noise switchmode design. Fine & coarse voltage and current controls. Size: 85Wx160Hx205Dmm.

SAVE \$50

M 8303 3A

**\$109**

M 8305 5A

**\$139**



**\$34.95**

T 2162

### 'Getting Started' Electronics Kit

Great for enthusiasts and students. This handy kit is supplied complete with carry case and includes all you need to get soldering! • 30W soldering iron & stand • 2m solder • Solder sucker • Pliers & side cutters.

### Detect lethal AC voltages instantly.

This non-contact probe detects cabling and power outlets with live AC power (100-1000V). An essential prevent tative tool for trades people. Waterproof case with in-built torch.

**\$39.95**

NEW!

Q 3003



NEW!

**\$39.95**

T 2186A

### 101 Pc Ratchet Driver Kit

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



### 1500W Heat Gun

Perfect for heatshrink - shrinks evenly without burning. Also shifts paint, solvents from surfaces, makes plastics malleable and more! 450L/min airflow.

SAVE 20%

T 2110

**\$39**

# GADGETS TO MAKE YOUR LIFE EASIER!

SAVE \$30

**\$139**

Includes air compressor & ultra compact lithium jump starter!

M 8198



## Inflate a flat tyre. Start a flat battery.

A complete auto rescue kit for the car boot. Features a 16800mAh battery bank plus emergency compressor to top up tyres (max 8 mins run time). Provides 600A peak cranking output for cars with flat batteries. 12/16/19V & USB output provided for powering devices.



## LED Strip Light Camping Kit

Great for setting up temporary lighting in tents and campsites. Yellow light reduces insect attraction. Secure it with the included hook and loop ties and plug it into 12V power (car adaptor included). It's a great work light or dim it down for a reading light. Water resistant.

SAVE \$10

**\$55**

X 3260



**\$31.95**

D 2326

NEW!

## Say goodbye to charging cables!

This ultra-slim pad suits Qi wireless charging enabled devices (such as the iPhone 8 & X). Includes USB cable, requires USB wall charger, such as M 8862 \$16.95. \*Phone for illustration purposes.



**\$99**

A 2795

SAVE \$30

## Upgrade your alarm clock to digital radio

More channels, more choice. The ideal bedside companion to wake up to your favourite digital or FM station. Large colour TFT display shows time and scrolling digital radio information. (displays analog clock and date when radio is off). 20 channel presets. Two alarm times. Size: 135L x 110W x 90Hmm

## Protect yourself with a dashboard camera.

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).



SAVE \$40

**\$185**

S 9437

D 0505A 1A 4000mAh

**\$24.50**

NEW!



**\$33.95**

D 0507A 2A 8000mAh

## Super Slim Battery Banks

Instant recharge for your phone. Slimline aluminium design, fits easily in your pocket.

NEW!



A 1101



**\$29.95**

## Bluetooth 3.5mm Jack

Instantly add Bluetooth wireless audio streaming to any 3.5mm input, whether it be your car, your favourite headphones or home amp. Internal battery provides 5 hours of listening time and is USB rechargeable. Just 40mm long!

**\$79**



A 0920

SAVE \$20

## Control AV gear up to 200m away!

Use your remote control up to 200m away (line of sight) from your equipment. Perfect for controlling your AV system from the patio or entertaining area. Includes plugpacks, IR emitter & receiver.

SAVE \$24



D 5584

## Wi-Fi audio streaming for any amp!

This brilliant music streamer simply plugs into your existing amplifier's RCA/3.5mm input and pairs with your smartphone or tablet for instant high quality audio streaming. Can be networked into a multi-zone system for control by multiple devices.

## 30W 2-Way Wall Speakers

Ideal for the games room, patio or alfresco area! Wall mount bracket makes installation a breeze. Aluminium grills. 130x105x170mm. 1.8kg. Sold in pairs.

**\$129**

C 0900 White

C 0901 Black

SAVE \$40



## Run HDMI over longer lengths!

Latest technology cables fitted with booster unit to allow for longer cable runs. Plugs and booster fit down standard 25mm electrical conduit.

SAVE 18%

**\$119**

PB7309  
20m



**\$135**

PB7311 30m

## Long Distance HDMI Sender

As used by hundreds of commercial AV installs! Send 1080p from a HDMI source up to 50m over Cat5e/6 UTP. Includes TX, RX & plugpacks.

SAVE 10%

**\$125**

A 3216A



**\$69.95**

NEW!

## USB C to HDMI Adaptor

Provides USB A & HDMI output up to 4K @ 60Hz for USB C devices.

**\$40**

SAVE 20%

A 3087B

## 3 Way HDMI Switcher

A handy HDMI switcher for connecting up to 3 HDMI sources to a 4k/2k or HD display.

# TOP VALUE PA GEAR...

SAVE \$120



A 2554

**\$179**

## Top Value Redback® 5 Channel Audio Mixer

Compact & easy to use mixer. 5 channels accept up to 11 inputs. 3 band EQ, channel volumes, crossfader & VU meters. Great for schools and small venues.

## Instant, powerful PA sound for big crowds!

An all in one portable PA sound system with amplifier that sets up in just seconds - no expertise required. Just plug into 240V power, switch it on and connect a mic. USB playback makes it easy to play your favourite tunes. Great for clubs, sports events, fetes, carnivals and bingo nights!

**\$239**

C 0993

10" 180W

**\$175**

C 0991

8" 100W



SAVE \$60

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

1300 797 007

# NEW PROJECT PARTS...



**\$89**

Z 6315

**SAVE \$20**

## 165pc Arduino Parts Pack

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



**\$26.50**

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.

## Analog-to-Digital ADS1115 16 Bit Converter

A popular high precision ADC for microcontroller designs with 860 samples/sec over I2C. 2-5V input.



**NEW!**

**\$24.95**

Z 6333

## U-Blox Neo-6M GPS Module & Antenna

Add GPS location to your Arduino/Pi project, aircraft or drone. 3.3/5V logic level. Includes 6x20mm ceramic antenna. Also available as an Arduino shield with active 28dB antenna (Z 6332 \$69.95).



Z 6221

**NEW!**

**\$14.95**



**\$59.95**

K 9650

**NEW!**

## Arduino Keypad Plate

Perfect for Arduino based access control, security and automation designs, this handy wallplate has the atmega328p chip on board and is suitable for use with standard shields.

## HiFiBerry®

### The Audiophile Add-On for Raspberry Pi

HiFiBerry adds high-quality sound to your Raspberry Pi. HiFiBerry sound cards are designed for optimal sound output quality. It is the ideal solution for all Raspberry Pi users that love music. HiFiBerry boards are compatible with Raspberry Pi A+, B+, 2B and 3B.



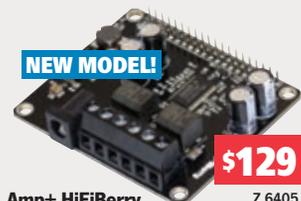
**SAVE 10%**

**\$65**

Z 6402

## Digi+ HiFiBerry Module

The Digi+ is a high-quality S/PDIF output board add on. It offers a dedicated S/PDIF interface chip supporting up to 192kHz 24bit resolution. Optical & coaxial output. Case to suit Digi+ & Pi H 6410 \$30.50.



**NEW MODEL!**

**\$129**

Z 6405

## Amp+ HiFiBerry 60W Amplifier Module

A high-quality, highly efficient Class-D power amplifier offering up to 60W output. Ideal building block for multi-room audio designs. Just connect speakers & power up the Pi to listen! Case to suit DAC & Amp H 6406 \$38.50.



**SAVE 15%**

**\$65**

Z 6400

## DAC+ RCA HiFiBerry Module

The HiFiBerry DAC+ is a high-resolution digital-to-analog converter. This is a special sound card for the Raspberry Pi optimized for the best possible audio playback quality. Case to suit DAC & Pi H 6410 \$30.50.

# BUILD IT YOURSELF & SAVE...



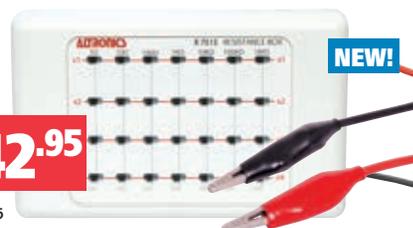
**SAVE \$35**

**\$160**

K 5192\*

## Silicon Chip Stereo Hifi Valve Preamplifier Kit

Very low distortion for a valve pre-amp with very high SNR of 105dB. Easy to build, with the preamp & power supply on one board. Includes 12VDC 1A plug pack. \*Acrylic box sold separately (K 5193 \$34.95). Uses Electro-Harmonix 12AX7.



**\$42.95**

K 7515

## Choose the right resistor every time!

This decade box kit simulates resistance values between 1R and 10M - quick and easy way to find the optimum value for your circuit design. Pocket sized, accurate and reliable.



**SAVE 33%**

**\$59**

K 5181

## 'Classic-D' Amp Module Kit

A rugged and reliable Class-D audio amplifier producing up to 250W into 4Ω. Class-D amps are commonplace amongst consumer equipment offering high power and efficiency. Low distortion <0.01%. K 5182 optional speaker protector \$19.95.



**NEW!**

**\$26.95**

K 9705

## LC Meter Shield Kit

Plugs into an Arduino UNO to provide high accuracy inductance and capacitance measurement. 5 digit resolution, 1% accuracy. 10nH to 100mH+. 0.1pF to 2.7μF+.



**NEW!**

**\$12**

Z 6307

## ProtoHAT for Raspberry Pi®

A HAT board with soldermasked 0.1" holes and stackable header so you don't lose access to the GPIO pins. Slots included for display & camera cables. Pi sold separately.



**Easy to build!**

**\$35**

**SAVE 22%**

## Add a spring reverb to your favourite guitar amp.

(SC April '17) This two spring tank type reverb unit provides reverberation effects for your guitar/instrument. Adds complexity and depth to your sound. Easy to build into other projects with 9-15VAC or 12-15VDC power.

## Temperature Alarm Kit

Ideal for use with home brew, aquariums, heating & cooling etc. -33°C to 125°C range. Under/over indicators with piezo alert.



K 1137

**\$24**

**SAVE 40%**



**4 for \$79**

**SAVE 28%**

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.



**\$12.95**

K 9805

## Heart Rate For Arduino Kit

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



**SAVE 20%**

**\$29**

Z 6510

## 2.8" Touchscreen Shield

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

**Sale Ends April 30th 2018**

Phone: 1300 797 007 Fax: 1300 789 777

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

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

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