

CIRCUIT BREAKER



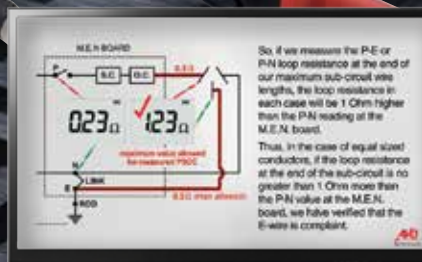
**GEEK
EDITION**

R. Redpaths

Suppliers of everything electrical.

**Plug in
to better
advice.**

Free online training course now available for all MFT1800 series users



- Comprehensive Loop and RCD Training material
- Free for all new and existing MFT1800 series users
- Train in where you want when you want
- Brush up before next Practicing License renewal



Trade Magazine Only.

At Redpaths our focus is to the Trade.
All pricing is to account holders only
and is always excluding GST.

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Welcome to our October/November edition this month focusing on “Geeks”

Admit it.... There is a bit of Geek in all of us!

Whether you're a Star Wars, Trekkie, Tolkien Fan, Gamer, Comicon follower or just like the odd bit of latest gadgetry it all counts.

Of course we have the odd bit of latest gadgetry advertised in the current edition but combine that with some of the tools those geek products offer and it can also make life a lot easier too. Smart phone apps are a good example and if there were two I couldn't personally get by without it would be my SkyGo and Scheduler. The Fitbit app is a crock, it doesn't matter how many times it's been loaded I'm still not losing any weight!

Before Wii, iPads, and online gaming, we had the geeky gadgets of the '90s. Those of us who grew up during the decade of the Spice Girls also had our fair share of nerdy toys that we couldn't put down. From Pong Tennis, Rubik's Cube, Atari, Sega or who can forget the calculator game where all you had to do was total 10..... sounds easy doesn't it?

Well it wasn't!

Bring back simpler times... or at least cheaper games.

We have our own “Geeks” here at Redpaths but one certain crew are here to make your life easier with designs for lighting, HVAC, emergency and anything specialised you may need help with. Make sure when required you utilise there “geek-pertise” to help give you that professional edge.

Long live the geek in you all!

Brent Cameron,
Director of Operations.

**Plug in
to better
value.**

**Plug in
to better
advice.**

**Plug in
to better
service.**

CRUISING WITH THE CREW



As told by Scott Aldridge – RED Electrical Limited

FROM THE METROPOLIS OF HOUSTON, TO THE CRYSTAL CLEAR WATERS OF THE CARIBBEAN AND ONWARDS TO THE BREWS AND BLUES OF MAGICAL NEW ORLEANS. THE REDPATHS GETAWAY TEAM CERTAINLY SET AN ITINERARY THAT WAS GOING TO BE FUN.

Day one didn't start well with Air NZ delaying our outbound long-haul by a few hours. A few more hours in the Koru lounge was put to good use though and the merry travelers were finally on our way to Houston.

Our first evening abroad was spent at El Tiempo Mexican restaurant. A fine establishment that provided our own Mariachi band alongside bottomless jugs of margarita. A few night caps were had back in the hotel; closing what was a very long day for all.

The next day was spent at a batting practice session inside Minute Maid

Park. Home to the mighty Houston Astros MLB team, who are currently leading their division on their quest for a World Series title. The park was utterly spectacular and immaculate.

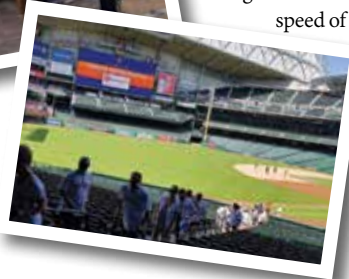
A pitching machine was set up on the mound and, upon signing a waiver, we were standing on the home plate and swinging for stands. Despite it being on 'high school' speed of

100km/ph, the outfield was seldom concerned by our presense. The visit was capped off by a great lunch with J R Richard, an Astros MVP, and a tour of the stadium.

That evening and the following day were 'free time' for the group to sample Houston at our leisure before meeting at the famous Pappa Bros Steakhouse which lived up to its reputation as one of the best in its field.

The next morning we set off for the port town of Galveston to rendezvous with our home for the next 7 nights, the very impressive 'Liberty of the Seas' standing 15 decks high and hosting 3,634 passengers; ably supported by 1,360 crew.

We set sail in the afternoon and spent the first evening and 2nd day exiting the (thankfully hurricane free) Gulf of Mexico on our way to the



Have a serious case of
FOMO
(fear of missing out)
after reading that?



Getaway



snorkelling over reefs and sampling some good Mexican cuisine.

After a quick overnight cruise, we awoke to the majestic waters of Grand Cayman, Cayman Islands where once again the group split into various activities. The waters around this piece of paradise were simply spectacular.

Another overnight cruise on the boat saw us wake up the Falmouth, Jamaica. Home to Usain Bolt, Rege music, Bob Marley and Montego Bay.

Following Jamaica we had two full days

on the ship as we relaxed back into the aforementioned activities before arriving back to Galveston.

A tour of NASA was always going to be one of the highlights of the trip for me and I was not disappointed. On top of getting to sight some of the modules over NASA's various missions, we got to see the biggest rocket ever made, the awe-inspiring Saturn V rocket that was used for the Apollo Missions. Following that we had lunch and Q+A with an astronaut – Brian Duffy. Commander of various Shuttle Missions.

That evening we flew to New Orleans and onto the French Quarter; our home for the last 4 nights of the trip. Staying in the famous Hotel Monteleone, home to the Carousel Bar, allowed us to gain the beginnings of understanding the diverse and fascinating history of this wonderful city; one that never seemed to sleep. Sounds of jazz coming from bars and street buskers permeated the hot and heavy air at all times.

After a day of leisure we regrouped and headed to the swamp lands for an Airboat Adventure where

we got to feed alligators and generally go like a bat out of hell on a fan boat.

That evening was spent in at the Bayou Barn for a 'Cajun Fais Do Do' (Cajun dance party) surrounded by a still, sleepy wetland that had crocodiles staring at us. The Zydeco band kept our spirits up and the two games of Chicken Drop (look it up now) capped off a really unique day on the tour.

The following day was Super Hero themed. A vast array of costumed heroes made their way to a hot dog bar whose balcony allowed us to witness the incredible thunderstorms synonymous with this part of the world.

Team Heroes headed by foot back towards the hotel (via a few too many bars) where some ended up a little worse for wear with the limitless offerings of quality live music and city culture that was on offer.

After the thrill of reliving the previous night's entertainment, the final night of our 2 week trip was a real highlight. Asked to meet in the hotel bar adorned in traditional mardi gras masks and beads, a brass band appeared and led us down various streets towards our destination for the evening – Pat O'Briens Briar Suite.

The mini mardi gras was complete with street shutdowns,

police escorts and walking down some highly populated streets. All whilst throwing beads to the many curious onlookers that watched our procession move by.

The evening was a good opportunity to reflect on the trip and say bye to the many friends we had all made between ourselves. This was the first large group trip I have done and given the great organisation, balance of set activities and free time, I will certainly be doing so again.

Thanks to the Team at Redpaths for the massive amount of background works that must go into organising such an endeavour.

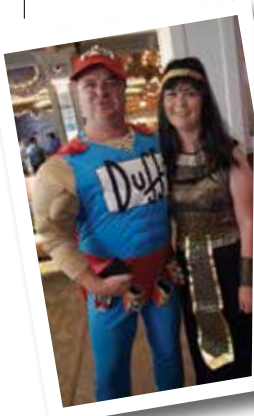
See you next time. **R.**



Caribbean.

It quickly became apparent that those of us that don't mind being sloth-like lazy, were in for a real treat. A seemingly endless array of restaurants and bars that were supported by an array of activities not limited to water slides, surfing, pools, basketball, ice skating, cinemas, theatres, mini-golf, casino, shopping, fitness centre, bingo, rock climbing, wine tasting.the list went on.

Our first port of call was at Cozmel, Mexico where the group split into various elective options for a day on the island. Personally we spent the day in a clear bottom kayak,



SPAIN

the next **INCENTIVE TRIP** is already in motion.

Register now to **JOIN US.**
Limited Numbers available.
E: p.cameron@redpaths.co.nz



A TIDY WORK SITE IS A PRODUCTIVE AND SAFE WORK SITE

A tidy work site is crucial to keeping everyone safe and maximising efficiency on site. Poor housekeeping is one of the most common causes of injury on site and easily preventable. Some common injuries are trips, falls, and impact from falling objects. This can cause sprains, strains, broken bones, head injuries, loss of limbs or even loss of life. It is up to every individual to be vigilant in minimising risk.

One of the key ways to prevent these types of injuries is keeping a clean, tidy and safe work area. Clean up spills and rubbish as you go, not just at the end of a

day and be sure to only have the tools out that you need in your hand, always secure.

If you have your tools scattered over the floor, you could trip over 1 while reaching for another. Someone could come around the corner and trip on your pile of tools while you are working away.

If you are working from a height, then your tools could be bumped off a ledge and impact on someone below. If you think your hardhat is going to save you, you would be wrong. Hardhats are designed to lessen the shock of a blow but they will not save you from injury completely.

STOP DROPS DEAD

TOOL TETHERS
SAVE LIVES!



SO HOW CAN WE PREVENT CLUTTER AND INJURY?

Keeptools handy on your person or in a well organised tool bag.

Utility pants or tool belts are a great solution to secure multiple tools to maximise productivity by having everything close at hand but without cluttering up the worksite risking injury.

For those jobs that require more tools than those pants can handle, it's a great idea to invest in a well organised tool bag with everything securely in its place. Keep this close at hand and prevent messing



up your floor area.

When working at heights, it's important to pre plan before getting up there to do the job. Decide what tools you really need up there and take as few as you can. Invest in lanyard

solution tools to stop those drops. Secure to your person each tool that is needed for the job, and then even if anything slips out of your hand it will remain secured to you, keeping everyone safe. [®]



REDPATHS HAVE YOU COVERED FOR ALL YOUR NEEDS.

The Online Robot ran away with our prices!

40c

Metal Thread
Flush Boxes?!

UNREAL!!

\$4

Double
Switch
Sockets?!

MADNESS!!

Get in before he's caught!

* Logix Series

ONLINE ONLY

www.redpaths.co.nz/shop

* Prices excl GST. While stocks last.
From 1 October 17 – 30 November 17

R Redpaths

Suppliers of everything electrical.

WELCOME

TO THE TEAM NEW REDPATHS STAFF MEMBERS

DANIEL MAYNARD

Daniel has joined Callen's Sockburn team and will be working out of Watts Road.



PETE GOWANS

Pete has joined the Mid Canterbury branch as the Branch Manager.



ANDREW SULLIVAN

Andrew has joined Dean's Redwood team working at the counter.



TIM SEFTON

Tim is returning to us as a sales rep for the Southern Christchurch region.



**FREE
STUFF**



**Got your FREE
2018 Diary yet?
Why not??**

Chase up your local Redpaths representative
or call into the branch to get it now!



ECONOMICAL FLEXIBLE CABLE
WITH EXCELLENT VERSATILITY

CONVENIENTLY METRE-MARKED
STANDARD PERFORMANCE 90°C 250/440V PVC

P F SERIES



RoHS
COMPLIANT

**SPECIAL V90 PVC BLACK OR WHITE
SHEATH**

FLAME RETARDANT & UV STABILISED

HEAT, CHEMICAL & OIL RESISTANT

**HIGH FLEXIBILITY & METRE-MARKS ENSURE
EASY INSTALLATION**

NO CUTTING FEES. NO MINIMUM ORDER



AVAILABLE THROUGH YOUR LOCAL REDPATHS BRANCH

GEEK OUT YOUR BUCKET LIST

LEARN TO SPEAK DOTHRAKI

Games of Thrones Fans rejoice! Living Language is officially providing a conversational language course for learning Dothraki. It was crafted by linguist David J. Peterson who made Khal Drogo and Danaerys speak the mysterious and intriguing Dothraki.

<https://www.livinglanguage.com/dothraki/>



ATTEND A COMIC-CON EVENT

Comic-Con events are held in many locations around the world each year with a primary focus on comic culture. Fans meet creators, experts, stars and each other. Get your geek on, dress up and your favourite character and rock your individual style at a comic-con event in your favourite city around the world!



VISIT STEAMPUNK HQ

Steampunk HQ, in the small southern coastal town of Oamaru, is New Zealand's premiere Steampunk experience.

It features retro-futuristic sci fi art, movies, sculpture, and immersive light and sound experiences. Steampunk is a quirky and fun genre of science fiction that features steam-powered technology.

It is often set in an alternate, futuristic version of 19th century Victorian England.

The Steampunk future is driven by unusual steam powered devices – the 'world gone mad' as Victorian people may have imagined it.

Examples are machines like those in the writing of H. G. Wells and Jules Verne, and in tv shows such as Dr. Who.

Check out the time machine, it's an absolute must!

For more information see <http://steampunkoamaru.co.nz/index.html>



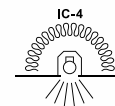
TAKE A LORD OF THE RINGS AND HOBBIT TOUR

Take a once-in-a-lifetime journey to Middle-Earth.

- Climb the magnificent Edoras
- Explore Bilbo's Shire!
- Experience breath taking Mordor
- Wellywood: Sir Peter Jackson's Studios, Sir Richard Taylor's Weta Workshop & meet freelance artists
- Visit the makers of the 'One Ring'
- Beautiful Queenstown; Lord of the Rings, fun and adventure capital of New Zealand
- Visit beautiful Trollshaw
- LOTR / Hobbit guest presentations
- Experience Pelennor Fields and Laketown!
- Meet Weta Artists

Red Carpet Tours offer some tour options ranging from 6 to 14 days with experiences like no other. <http://www.redcarpet-tours.com/>





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The eco LED with a difference

SPEND LESS, SAVE MORE

with *BOX LOT SPECIALS*

NOW AVAILABLE

THROUGH ALL  Redpaths STORES!

Box lot specials apply to all econLED 10W & 12W LED Downlights. 10W box lot size (x48 per box) | 12W box lot size (x20 per box)
FOR FULL PRODUCT SPECIFICATIONS ASK YOUR LOCAL REDPATHS STORE OR VISIT WWW.EUROTECHLIGHTING.CO.NZ FOR MORE INFO.
PRODUCT CODES: 10W: ECONDL10W3K-WH, ECONDL10W4K-WH, ECONDL10W6K-WH | 12W: ECONDL12W3K-WH, ECONDL12W4K-WH

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Now you can
answer the
door in your
pyjamas.



Panasonic offers various Video Intercom System models to flexibly suit the size of your house and your lifestyle.

Panasonic.co.nz

Stylish Premium
DECT Wireless Series

VL-SWD501



1 x Main Monitor: VL-MWD501
1 x Door Station: VL-V554
1 x Wireless Sub Monitor: VL-WD613

Expandable
DECT Wireless Series

VL-SWD272



1 x Main Monitor: VL-MWD272
1 x Door Station: VL-V522L
1 x Wireless Sub Monitor: VL-WD613

Smartphone
Connect Series

VL-SVN511



1 x Main Monitor: VL-MVN511
1 x Door Station: VL-V555

VSD CABLES



NEW



KSXCY SERIES

High Performance Fixed Copper Tape
VSD Power Cable 0.6/1kV 90°C

FEATURES:

Copper Tape Screening for 100% coverage
Flexible Class 5 conductors for easy installation
2.5mm to 16mm ex-stock, 25mm to 240mm available on request



MDXCY SERIES

High Performance Flexible VSD Marine /
Power Cable 0.6/1kV 90°C

FEATURES:

Double Screening (CBS & foil tape) for 100% coverage
Flexible tinned Class 5 conductors
Multipurpose marine and industrial applications



HDXCY SERIES

Ultra Performance Flexible Rubber VSD
Power Cable 0.6/1kV 90°C

FEATURES:

Extra heavy duty durable rubber sheath
Suitable for permanent submersion up to 500m
Double screening (CBS & foil tape) for 100% coverage



FDXCY SERIES

High Performance Flexible VSD Power
Cable 0.6/1kV 90°C

FEATURES:

Economical flexible VSD option
2.5mm to 70mm ex-stock, 95mm to 300mm available on request
Double screening (CBS & foil tape) for 100% coverage



RoHS
COMPLIANT



AVAILABLE THROUGH YOUR LOCAL REDPATHS BRANCH

PLUGS AND CONNECTORS

The first thing you notice when you pick up a SCAME Optima Series plug or connector is the robust quality and well thought out design and safety features. That is because Italian manufacturer SCAME is committed to continuous design innovation and quality, providing functional solutions that meet end user's expectations and demands.

Founded in 1963 SCAME is well-established as a manufacturer of components and systems for the electrical industry, exporting products to over 80 countries around the world.

In New Zealand the SCAME brand has been present for close to 35 years.

Distributed since the early 80's by Electrex Manufacturing until recently purchased by Firstflex Cables, the range available is diverse and has been selected for its suitability in the New Zealand environment.

This diverse mix of SCAME products, includes industrial plugs and connectors, socket outlets, appliance inlets, junction boxes, modular enclosures, distribution assemblies, cable reels, autorollers, switches and accessories.

The Optima Series of plugs and connectors by SCAME is a popular choice among Industrial Electricians. The 63amp and 125amp range feature a cable gland which combines both an IP67 seal and a strain relief cord grip. Designed so no dismantling of the gland is required, a water tight entry point and secure cord grip are created all with one simple action. With high quality nickel plated brass pins and socket contacts, combined with a polishing process, SCAME Optima has a greater contact area for long lasting efficiency. With the improved geometry characteristics of the mantle terminals they have increased cable accessibility, allow for higher tightening torques, and are suited to all types of conductors and terminals.

In addition SCAME created the Optima Reverse Series - Phase Inverter plug which allows for the user to easily invert the phases when required. If for example a motor is rotating in the wrong direction, a simple process of pushing and turning the phase pin support with a screw driver is all that is required to rectify the problem. Available in both 16amp and 32amp.

ROBUST QUALITY
AND WELL
THOUGHT OUT
DESIGN AND
SAFETY FEATURES



**FOUNDED
IN 1963**

SCAME OPTIMA
HAS A GREATER
CONTACT AREA
FOR LONG LASTING
EFFICIENCY



**BEEN IN
NEW ZEALAND
FOR 35 YEARS**

SCAME are committed to quality, ensuring products are manufactured in accordance with National and International regulations. All SCAME products go through rigorous testing. With plugs, connectors and outlets meeting the IEC standard 60309, with a wide range of products meeting both the CE and ENEC standards.

The NEW PDL ICONIC™ RANGE

Smart Technology.

The New PDL Iconic Range offers innovation at every level.



PDL Iconic 3-gang USB charger with shelf delivers fast charging of tablets, smartphones and other USB devices.



Installation of the 3-gang USB charger is rapid and easy with in-line floating wrapper terminals and low profile all-in-one design.



Night Walk is a motion activated night light providing peace of mind with a soft warm white LED glow.



Night Walk is a simple plug-in skin for a PDL Iconic twin socket delivering stylish low level lighting with configurable modes of operation.



pdl.co.nz/iconic

Life Is 



by Schneider Electric



Life Is On | **Schneider**
Electric

New Energy Smart Contactors TeSys D Green

80% less energy consumption and 50% less heat generation compared to electro-mechanical contactors.

Key features include:

- AC/DC control
- Range from 9A-80A
- Multi-voltage coil: 24-60V
- Noise free design
- Embedded surge suppressor



Visit our website or ask your local store about Tesys D green.

schneider-electric.co.nz/tesysdgreen

Harmony obviously!

Switches and pushbuttons, you can rely on.

- More Robust
- Advanced connectivity
- Modern design



USB and RJ45 ports

Update the PLC and HMI program directly from the front of the cabinet



Emergency Stop

With monitoring contact



Timer

Time setting adjustment without opening the panel door



Pilot light

Easily visualise 3-phase power supply



Potentiometer

With integrated resistors

Find out more about Harmony on our website.

schneider-electric.co.nz/control

60 YEARS OF FELO!

FELO HAND TOOLS ARE DESIGNED FOR PROFESSIONAL USERS WHO RELY ON THEIR ERGONOMICS, VERSATILITY AND LONGEVITY EVEN IN THE MOST DIFFICULT WORKING ENVIRONMENTS.

60 YEARS OF FELO!

German engineering excellence and innovation has lead Felo to be one of the world's most recognisable and renowned screwdriver brands.

Felo awarded for the third year in a row with TORX® World



Class Quality Award by Acument Global Technologies, the licenser for TORX® drives.

Hobeca is proud to represent Felo as Exclusive Distributor to the New Zealand market, partnering with leading trade specialist re-sellers such as Redpaths.

Felo's reputation for quality, user-centred design, plus a 15 Year Guarantee, sets the brand's products ahead of the pack. Check out the range at your local Redpaths today.

HOBECA
TOOLS FOR SUCCESS

felo



made in Germany

NEW FROM FELO

Felo Electricians Tool Kit is now available!



Featuring Felo's famous Ergonic handle technology for maximum comfort. Includes convenient Tool Belt Pouch for easy storage and on-the-job access.

Kit Contains:

- Flat
 - 3.0 x 100mm
 - 3.5 x 100mm
 - 4.0 x 100mm
 - 5.5 x 125mm
- Phillips
 - #1 x 80mm
 - #2 x 100mm
- Combination Pliers 180mm
- Diagonal Nippers 160mm
- Cable Stripper
- Nylon Belt Pouch

PLUS Free Felo Beer Mug, while stocks last!



NEW PRODUCTS

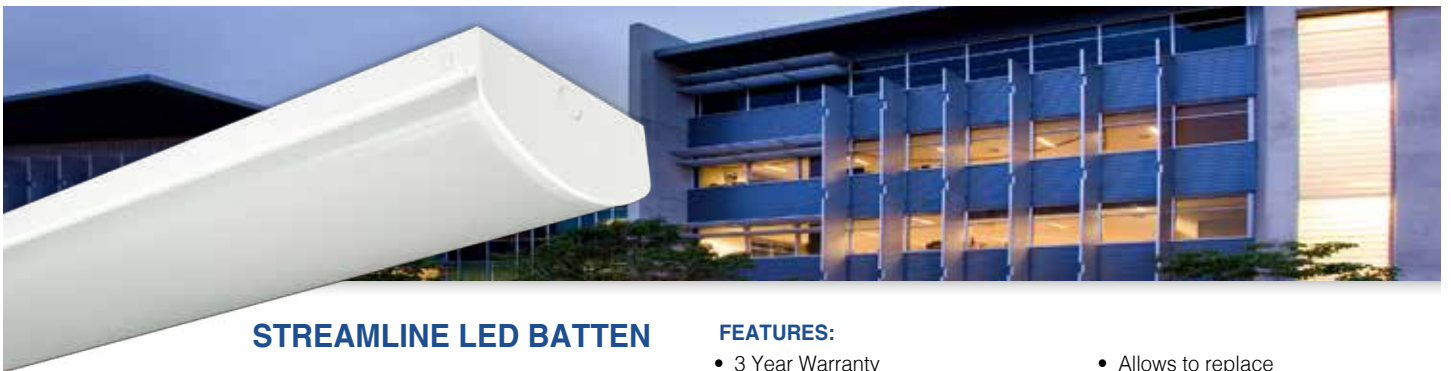


PIERLUX ECO LED HIGHBAY GEN3

The Pierlux ECO LED Highbay is a quality luminaire designed to reduce maintenance costs. Ideal one-for-one replacement of conventional high bay systems such as HID and fluorescent.

FEATURES:

- 5 Year Warranty
- 50000 hrs led rated life @ L70
- Light weight construction makes for easier installation
- Magnesium alloy body with black powder coated
- Tempered glass lens
- Supplied with flex & plug
- 115° beam angle
- Available in 150W and 200W
- CCT 5000K
- CRI>80
- IP65
- TA40

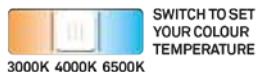


STREAMLINE LED BATTEN

The streamline is a wide body low profile LED batten, developed to fill a market demand for a wider luminaire to cover footprint of traditional wider fluorescent luminaires

FEATURES:

- 3 Year Warranty
- 50000 hrs average rated life
- High delivered lumen output up to 6730lm
- 120° beam angle
- 170mm wide body formed in coldrolled steel
- Reeded opal diffuser provides even light distribution
- Allows to replace conventional 4FT and 5FT twin battens
- Center cable entry
- End to end mounting
- CCT 4000K standard
- CRI>80



LITELUX LED DOWNLIGHT

Cost-effective all in one, high performance LED downlight with integrated dimmable driver and CCT switch located on the back to select colour temperature between 3000K, 4000K and 6500K.

FEATURES:

- 3 Year Warranty
- 35000 hrs average rated life
- Colour temperature switchable between 3000K, 4000K and 6500K
- Ø90mm cut-out
- Aluminium construction, white finish
- Complete with 1200mm flex & plug and integrated dimmable driver
- Easy to install clips
- CRI>80
- IP65 from below
- TA40
- IC-4 rated
- Complies with AS/NZ60598.2.2.2016



Proudly distributed in
New Zealand by



HEAT TRANS SUMMER SPECIAL



HEAT TRANS SYSTEMS ARE DESIGNED TO NOT ONLY CREATE MORE COMFORTABLE HEAT DISTRIBUTION IN WINTER, BUT TO VENTILATE YOUR HOMES WITH FILTERED COOLER OUTSIDE AIR THROUGH THE WARMER SUMMER MONTHS.

Heat Trans systems are designed to not only create more comfortable heat distribution in winter, but to ventilate your homes with filtered cooler outside air through the warmer summer months.

The Summer-Vent Extension Kit connects simply to standard Heat Trans systems and draws in cool outside air from an inlet grille in the soffit and then

through a high efficiency F7 filter. The system circulates the fresher air around the home, via the existing Heat Trans ducting and ceiling mounted outlets.

This is all achieved from the same stylish wall-mounted Heat Trans Automated Touch-Screen Controller, which drives a motorized damper in the Summer-Vent Extension Kit to



remotely switch the air source from the lounge to the outside inlet grille.

This home ventilation with fresh filtered air is becoming increasingly understood as being vital in creating healthier living environments – especially in today's, well-sealed homes.

Heat Trans is the only system on the market to include acoustic insulated ducting to retain air temperature and also minimize air transfer noise. Heat Trans systems are available as 1, 2 and 3 room kits, complete with fan, ducting, diffusers, touch-screen thermostat controller, along with fittings and fixtures.

Heat Trans with the additional Summer-Vent Extension Kit fitted - transfer excess warm air when it's cold and deliver filtered outside air when it's warm – a cost-effective, year-round solution for a healthier home.

EXTEND & BREATHE...

Summer is on the way. Get year round use from SmartVent and Heat Trans systems.

Add a Summer Upgrade to bring in outside air during the warmer months.

Return from work to a fresher home.

Great at night to beat the heat and keep the mozzies out.

Ask for Summer Feature for SmartVent.

Ask for Summer Vent for Heat Trans.

SmartVent & Heat Trans are proudly NZ owned by Simx Ltd





TV WORK OF ART

WHETHER ON OR OFF

Samsung 'The Frame' TV

Experience the modern way to display your own personal art collection. The Frame matches your space as well as your style. In TV Mode, The Frame is a big, beautiful 4K UHD TV. But when you turn it off, The Frame enters Art Mode and begins elegantly presenting art or your own cherished photos to bring an inspiring, intimate touch to any room.

The Frame comes with pre-loaded artworks from world-renowned artists. Samsung

Collection is expertly curated to provide a sensational art experience.

The Frame comes with the Samsung Collection, an exclusive, professionally-curated collection of 100 works of art from 37 renowned artists spanning 10 genres. You'll find stunning photography, paintings, drawings, and digital works selected to complement a wide variety of tastes and decors.

THE PERFECT SHOT

ANY WHERE, ANY TIME

Minipresso NS - Portable Nespresso Maker

Minipresso uses Nespresso® capsules to prepare espresso. The advantage is that the coffee is ground, measured, with a higher precision than we are capable of doing. There is very little left for error, so your espresso is great every time. It's also more convenient, free from mess and easier

to clean after use. Minipresso is compatible with the large variety of capsules proposed by Nespresso. Minipresso NS is your best choice to quickly enjoy up to 45 ml of delicious espresso at home, in the office and on the go.



TOP CHEF SKILLS

AT THE TOUCH OF A BUTTON

Magic Bullet Veggie Bullet

Precise slices. Fine shreds. Long, slender ribbons of tender vegetables. No, this is not the output of a trained chef - these are your own culinary creations. Up your kitchen game with the newest edition to your countertop: The Veggie Bullet. Designed with three automatic settings for slicing, shredding, and spiralizing a market's variety of produce, cheeses, and meats, this unique appliance brings out the top chef in

all of us - no knife skills required.

- 3-in-1 functionality: slicing, shredding, and spiralizing
- Two attachments: the electric shredder/slicer and the electric spiralizer
- Stainless steel blades
- Easy assembly
- Dishwasher safe attachments and accessories
- Cookbook with 70+ recipes

PYJAMAS FOR YOUR EARS

GET THAT PERFECT NIGHTS SLEEP

SleepPhones® Wireless

Now, you can get a refreshing night's sleep and wake up feeling energized with cutting-edge SleepPhones® headphones.

SleepPhones® Wireless are traditional headphones made bed-friendly and cord-free! Unplug and unwind with our ultra-slim, patented soft and comfortable "headphones in a headband" that make listening to audio in bed a dream. Surround yourself in an ultimate

sound experience - without disturbing, or being disturbed by, the person next to you. This model utilizes Bluetooth® technology to wirelessly connect with compatible devices so you never have to worry about getting tangled up in cords. SleepPhones® were designed by a family doctor and provide wearable comfort that's literally music to your ears. Ideal for sleep, travel, yoga and leisure time.





TED

Feed your curiosity and expand your world with TED Talks.

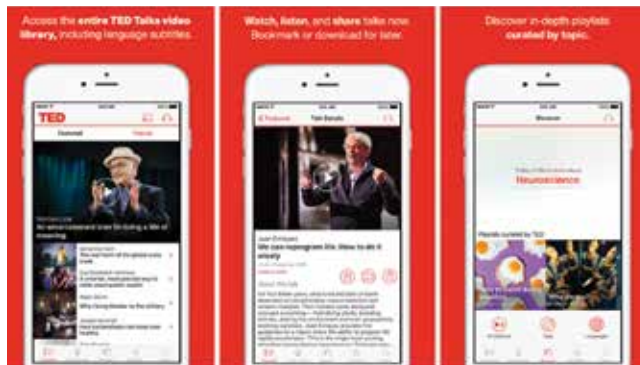
Explore more than 2,000 TED Talks from remarkable people, by topic and mood, from tech and science to the surprises of your own psychology.

Features on Android:

- Browse the entire TED Talks video library, with subtitles in over 100 languages.
- Listen to episodes of the acclaimed TED Radio Hour podcast, a co-production of NPR and TED.
- Listen to TED's new podcast: Sincerely, X, where we dive into ideas shared anonymously.
- Log in to your TED profile to sync saved talks on all devices.
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- Discover inspiring, funny, or jawdropping talks and curated playlists.

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Download the TED app to stay curious, informed and inspired.



TRADEE

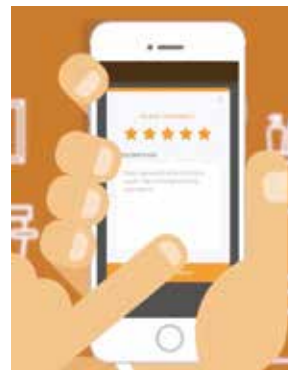
TRADEE is New Zealand's safest and easiest way to find affordable, skilled tradesman at the touch of a button.

And if you are a Tradie, TRADEE is the best way to earn more money and be your own boss! Have a job you need doing around the house or office? Simply post the job which notifies all your local tradies to express interest. View and contact your favourite tradesperson who has expressed interest and for your safety, once they have completed the job leave them a star rating review! Want to earn more income or better hours as a tradie? Simply search thousands of jobs in New Zealand on TRADEE by category and location. Express interest in your favourite jobs and wait to hear from your client! That's it! All you need to do is download the app and

create a FREE account. It takes 30 seconds!

We connect great clients with skilled, affordable local tradesman. No jobs too small.

For more information, check out our website: www.tradee.co and follow us on Facebook and Instagram for exciting giveaways, updates and much more!



PAC-MAN

Global icon Hello Kitty is joining PAC-MAN to chomp dots and get the Ghosts! The limited time event features supercute new mazes and specially designed tournaments to celebrate everything Hello Kitty! Enjoy everyone's favorite classic arcade game, PAC-MAN, for FREE!

Earn high scores as you eat fruit and run away from the Ghosts: Blinky, Pinky, Inky, and Clyde. Or, gobble a Power Pellet and get the Ghosts before they get you! PAC-MAN is the retro arcade game you know and love, but bigger and better than ever before! Join millions of fans worldwide and compete in Tournaments,

experience new Mazes, earn Achievements, and win bragging rights at the top of the Leaderboards!



BETTER OR WORSE

THINKING ABOUT UPDATING YOUR KIT WITH SOME NEW ELECTRICAL SUPPLIES? BEFORE DIGGING INTO YOUR POCKETS, FIND OUT WHAT OUR TEAM OF PROFESSIONAL ELECTRICIANS AND INSTALLERS HAVE TO SAY AS THEY TEST AND COMPARE THE LATEST BEVY OF PRODUCTS.

THIS MONTH: **OUTDOOR PIR SENSORS.**



Brand:

Simx

Trade \$54.23 +GST

Model:

LHT0120



Brand:

Hugo

Trade \$44.00 +GST

Model:

SEN711



Brand:

Steinel

Trade \$62.31 +GST

Model:

IS-1



PLANNING TO INVEST IN A NEW PRODUCT. LET OUR PANEL OF PROFE

PAUL AINSWORTH

ABOUT: Paul Ainsworth Electrical

YEARS IN THE GAME:
40+ years

BEST THING ABOUT THE JOB:
Good variety.
Job satisfaction

WORST THING ABOUT THE JOB: Paperwork

HOBBIES:
Cycling &
Motorcycling

LIFE CHANGING QUOTE:
You're never too old to learn new tricks



MATT YATES

ABOUT: Heatplus

YEARS IN THE GAME:
4 years

BEST THING ABOUT THE JOB:
Variety
- Every day's different!

WORST THING ABOUT THE JOB:
Re-wires in the heat of summer

HOBBIES: Snowboarding, playing music & flying

LIFE CHANGING MOMENT:
"The day I met Sam"



AARON SKELTON

ABOUT: Skelton Electrical Services

YEARS IN THE GAME: 8 Years

BEST THING ABOUT THE JOB:
Working for the family business

WORST THING ABOUT THE JOB:
Working for the family business

HOBBIES: Football, Golf, Spiced Rum!

LIFE CHANGING QUOTE:
"You'll never walk alone" LFC, 1892



SMART & SOLID SENSOR

**Good size base, larger cable entry & plenty of room.
One simple screw to fix cover**

Easy to adjust sensor with screwdriver, but not easy to see where the setting is

RATING: 8/10

QUITE BULKY

Quick due to clips rather than multiple screws. A lot of space for terminations

Switches biggest load out of three (2000w)

RATING: 8/10

TOP PICK

ROBUST, SIMPLE DESIGN

Easy to fit, plenty of room for cables. Designed with the installer in mind

Most common sensor used in our company

RATING: 8/10

OLDER STYLE LOOKS TO THIS UNIT. SMALLER LENS

Limited cable entry. No earth loop terminal

Clear labelling or sensor settings

RATING: 6/10

FEELS CHEAP BUT LOOKS GOOD

**Easy to install with screws on body easily accessible.
Good Terminal space**

Good all round sensor. Would use again

RATING: 7/10

NOT SYMMETRICAL. LOOKS & FEELS STURDIER THAN THE OTHER TWO MODELS

Good amount of room in cable connection area. Mounting screws for unit fall out when offered up to base

Two screws instead of one and the fact that they can fall out of the unit when installing could be an issue

RATING: 6/10

CLASSY, COMPACT & SMART LOOKING SENSOR

Non-retained fixing screw in base could easily be lost. Only 500 watt load limit

Has left & right plus up & down movement direction. Long time range – up to 35 minutes. Easy to adjust settings with finger

RATING: 9/10

TOP PICK

NICE SLEEK LOOKING UNIT

If soffit mounting, access to screw for base difficult to access. Had to refer to instructions for cable colours when terminal block separates from base

Adjustable left & right when wall mounted. This gives the option for more precise tuning to environment

RATING: 6/10

MODERN & STYLISH. EXTRA AXIS OF MOVEMENT GREAT FOR ANGLED SOFFITS

No premade hole for cable entry, plenty of bung options for sealing. Smallest cable connection area of the 3.

Looks great & excellent functionality but probably the most time consuming to install

RATING: 9/10

TOP PICK

PROFESSIONALS GIVE YOU THE LOW DOWN. Email p.cameron@redpaths.co.nz.



RESPIRATOR FIT TESTING & TRAINING HELPS YOU STAY SAFE

A Respirator fit test is required to meet AS/NZS Standards

The AS/NZS 1715 S2(2.6) requires that a suitable fit test is to be carried out for all users of Respiratory Protection Equipment (RPE) with a close fitting faceplate at least once a year.

What is fit testing?

Respirator fit testing uses a 'PortaCount' machine to quantitatively (objectively) measure the leakage of a respirator when worn by an individual, thereby assessing whether the respirator is providing an adequate face seal and the required protection.

Quantitative vs Qualitative

A PortaCount quantitative fit test eliminates any subjectivity associated with qualitative fit test methods. Rather than depending on a person's chemical sensitivity or cooperation during a qualitative fit test, a quantitative fit test measures actual fit and that an adequate face seal is achieved.

A PortaCount fit test measures fit while the user simultaneously performs a series of moving, breathing and talking exercises designed to simulate the same movements made in the workplace.

A quantitative respirator fit test guarantees clients precise evidence and documentation of results for each individual employee - in compliance with the record keeping requirements of the standard.



THE PROTECTION FACTOR OF YOUR RESPIRATOR CANNOT BE RELIED UPON UNLESS YOUR MASK HAS BEEN FIT TESTED

Reasons for a failed Quantitative Fit Test result.

1. Size - Incorrect size mask for the wearer
2. Age - Masks will deteriorate over time and require periodic replacement
3. Condition - Poor storage, incorrect donning/doffing technique and lack of maintenance may lead to premature aging
4. Strap tension - Uneven strap tension or over-tightening may cause racking/slippage of the mask on the wearer
5. Facial features of the wearer - Bone structure or facial hair can cause leakage around the seal

Do you have a documented filter replacement Schedule?

AS/NZS 1715:2009 requires a reported filter replacement schedule to be in place for each work task based on manufacturers guidelines.

Replacement time will vary significantly by

- Concentration levels of a contaminant in the atmosphere
- Lung Capacity and breathing rate of the worker
- Humidity
- Length of time the filter is being used for



Redpaths offers a fit test and training service through an independent contractor so testing can be carried out regardless of the brand of respirator worn.

CODE	PEOPLE	PRICE Excl GST
FITTEST1	10	\$125 per person
FITTEST11	20	\$105 per person
FITTEST21	49	\$95 per person
FITTEST50+	50+	\$85 per person

Date your cartridges on opening

- You can easily identify the replacement time/date based on your replacement schedule
- Easy for supervisors/managers to see when replacement is coming up

AS/NZS 1715:2009 - even if not in active use cartridges should not exceed 6 months from when sealed package is opened





EKTOR GENERATION III

THE NEW CLASS-LEADING RANGE OF EMERGENCY LIGHTING FROM EKTOR.

GENERATION III EXCELS IN PERFORMANCE, RELIABILITY AND SAFETY.

Generation III products have been designed to be the best performing products on the market today. Providing the best value, best energy consumption, optimal output and quality design, no shortcut has been taken in ensuring that we deliver nothing but the best.

These Generation III products come with built in LiFePO₄ batteries. An extremely powerful and economical lithium battery exclusively designed by Ektor. It uses an optimal charge algorithm designed to maximise the charging efficiency whilst ensuring the battery is charged in a minimal time. The smart charge system continually monitors the battery to ensure it is always performing at its peak and ready for the next emergency.



EV11054 - EMERGENCY TWINSPOT LITE

- IP65
- Selectable discharge rating 90 / 120 min
- LED light source, 2 x 140lm
- Lithium battery

EV11258 - MERCURY BASIC EMERGENCY EXIT

- IP20
- 24m viewing distance
- Complete with decal pack
- Lithium battery



EV11190 - RECESSED LED BASIC EMERGENCY

- IP20
- Discharge 90 / 120 min
- D25 1.5W Emergency classification
- Wiring - Flex and Plug
- Lithium battery

EV11283 - LEDFIRE LITE SURFACE MOUNT EMERGENCY

- IP20
- Duration - 90 / 120 min
- Emergency classification D40
- Lithium battery



Spend \$200 on these fittings at your local Redpaths branch and receive a FREE \$10 Subway voucher!

T&C's: Qualifying purchases \$200 and above on fittings advertised - EV11054, EV11258, EV11190, EV11283. Maximum of 2 vouchers per person, per transaction. Valid from 1/10/17 - 14/10/17 or while vouchers last.

globelink

P:0800 500 508

E: sales@globelink.co.nz

GEEK & PROUD

5 REASONS TO BE PROUD OF YOUR GEEKINESS.

1 WE ARE PASSIONATE

Geeks are a diverse bunch with one common quality, passion. We feel passionate about things the average person just doesn't get. Even though I like comic books I am not a comic book geek, but show me a circuit or the inside of a machine and my heart beats as fast as any comic book geek's on a Wednesday.



2 WE'RE SMART

Geeks know things. Lots of things. Not just the things that you take tests on but things like the combination to Kirk's Safe, the name of Chewbacca's home planet and many other amazing factoids gathered through our geeky explorations. Just don't hit us with sports trivia. We might not do so well there.

3 WE MAKE STUFF

Thomas Edison, Steve Wozniak, Linus Torvalds and these are just a few of the geeks who make the high tech world we have today possible. Computers, Video Games, and space travel, geeks have left their mark on the world and in outer space with their tireless pursuit to solve problems.



4 WE HAVE A LONG HISTORY

Pythagoras, Isaac Newton, and Benjamin Franklin were all geeks. We have been around since the dawn of time. Geeking out over wheels, circles, science, architecture ... you name it. We are part of the history of the world and we are making the future possible.

So get out there today and celebrate your passion! Whether it's RPG's, Star Wars or Steampunk be proud of your Geekiness.

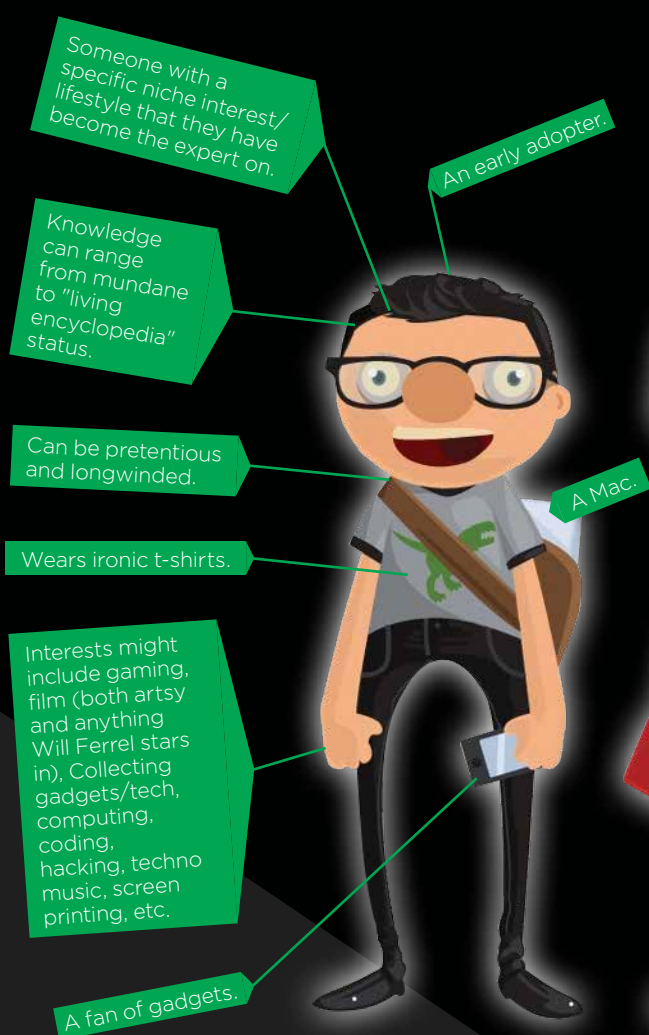
5 WE HAVE A RICH CULTURE

We have our own fashion, our own music, multiple cons and gatherings for every interest. The myth of the anti-social geek is just that, a myth. We get together and socialize all over the world to celebrate our geekiness.

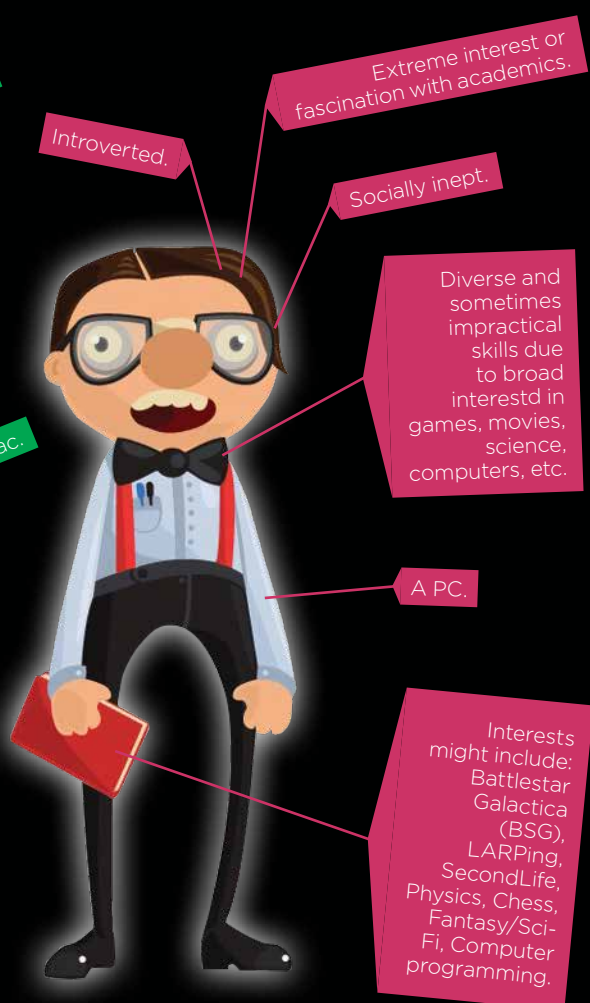


ISN'T A **GEEK** THE SAME AS A **NERD** I HEAR YOU ASK?
NO, THEY ARE NOT, AND THIS HANDY PICTOGRAM
BELOW WILL SHOW YOU THEIR DIFFERENT TRAITS....

GEEK TRAITS



NERD TRAITS



THE *FAST* AND THE CHRISTCHURCH SUPA KART INDOOR RACEWAY



TRACK CONDITIONS AT SUPER KARTS CHRISTCHURCH WERE NEAR PERFECT FOR OUR "FAST & THE FURIOUS" CHALLENGE WHICH SAW SHAYNE 'THE GIZ' EWAN FROM THE QUEENSTOWN BRANCH AND MIKE 'SCHUMACHER' ROBERTS FROM THE CHRISTCHURCH BRANCH BATTLE IT OUT OVER THREE CHALLENGING RACES.

The first race was a drifting challenge in specially set up karts that proved extremely difficult to point and keep in the right direction. After a short practice they were off, well off in all sorts of directions other than the one they were supposed to be heading in! After 10 laps of sliding their way around the track, and in circles, Mike came out on top to take the win. If you're a bit of a petrol head, this drift karting is a must try.

Races two and three would be 20 laps each of foot to the floor sprint racing. The first of these saw Shayne hit the lead from the start and hold Mike out with some excellent driving. After a late braking maneuver at the bottom of the straight, Mike managed to squeeze



past Shayne at the hair pin to take the lead on lap 8. The rest of the race saw some close racing with Shayne pushing hard, but Mike held his line to take the checkered flag. Fastest lap times




FURIOUS



recorded were 25.783sec for Mike and 26.184sec for The Giz. After the drivers swapped karts we were into the second sprint race with Shayne going straight to the lead once again off the start and opening up a 3 kart gap on Mike. Again Mike clawed his way back to sneak through and grab the lead on lap 12 after Shayne went too wide coming out of turn five. This race wasn't as close a finish as the previous race with Shayne pushing too hard at times causing him to get a bit loose, handing Mike, who managed to hold his nerve,

the win by 6 kart lengths. Both drivers did well to better their fastest lap times by more than 1sec. Fastest lap times recorded were 24.534sec for Mike Schumacher and 25.005sec for The Giz.

So look out if you see either of these two staff members in a Redpath's delivery van! 



FINAL RESULTS

RACE 1: The Tokyo Drift

Mike 'Schumacher' Roberts

RACE 2: 20 Lap Sprint

Mike 'Schumacher' Roberts

RACE 3: 20 Lap Sprint

Mike 'Schumacher' Roberts



STAR TREK

THE GEEK BIBLE

OVER THE PAST 50 YEARS, SOME OF THE GADGETS DREAMT UP AS A FUTURISTIC FANTASY HAVE GONE FROM SCIENCE FICTION TO SCIENCE FACT

For geeks growing up in the 1960s, 80s and 90s, a vision of the future has been provided by one very successful television franchise: Star Trek.

And the future, it turns out, is coming sooner than even Trek's writers could have imagined. Here are gizmos used on the Star Trek television shows that are now real.

COMMUNICATOR

Without Star Trek we may not have ever been able to make phone calls whenever and wherever we please. Cell phones are a direct descendant of the communicators found on the show.

In fact, Martin Cooper has said that it was Captain Kirk's gold flip communicator that inspired him to create the first ever mobile phone.



AUTOMATIC DOORS

One of the first pieces of technology to come out of Star Trek was the automatic door. When an Enterprise crew member approached a door, it would automatically open.

Today, you can find that once futuristic technology at any corner store or shopping mall!

UNIVERSAL TRANSLATOR

While Spock and Kirk found themselves in many dangerous situations, Starfleet's Prime Directive was that of exploration and observation. With that came the understanding of other alien languages thanks to the series' universal translator. Apps like Google Translate, we can type in and understand any conversation but now with tech like Microsoft's "Skype" translator, today's users no longer have to fear the language barrier.



VIEWSCREENS (BIG SCREEN TV)

The giant viewscreen on the bridge of the Enterprise allowed Captain Kirk to communicate

with other space ships and people on nearby planets. Today, giant high definition televisions equipped with video cameras allow us to speak with people across the globe in real time.

TRICORDER

Doctor McCoy could measure someone's vital signs by waving a sensor over someone's body and looking at a read-out on his tricorder. Today, "tricorders" really exist. The "Scanadu" works by





"COMPUTER"

Speaking to a computer in natural language -- and getting a quick response - is one of Star Trek's greatest technology promises.

We're not quite there yet, but apps like Siri, Google Now and Cortana are getting close. They even have been programmed to have a sense of humour, which the Enterprise computer never fully mastered.



TRANSPARENT ALUMINIUM

In the movie Star Trek IV: The Voyage Home, Scotty and Bones provided a 20th century engineer the formula for transparent aluminium. It was in exchange for materials to build a whale tank. It's a long story.... Anyways, transparent aluminium exists today. The material, known as ALON, is produced by a company called Surmet.



HYPOSPRAY

Dr McCoy might have been cantankerous, but he didn't stick patients with needles. Instead, he used a device called a hypospray, which sprayed medicine into a patient's blood stream directly through the skin.

Hyposprays exist today, though they're called jet injectors. They're expensive, so they're still not as commonly used as needles. But they're less painful.



CREW LOCATOR

Before beaming people up, the crew of "Star Trek" had to first locate the likes of Kirk and Spock and the many red shirts on distant planets.



Crew location could be seen as a precursor to the Global Position System technology that many around the world now use daily.

GPS location technology may seem like a standard way of life, but back in the late sixties



The foundation that Star Trek is built on is scientifically sturdy. You can tell that the writers and producers took the time to get the science right.

They did that by involving real scientific consultants, whose professional opinions were incorporated

when the show first premiered it seemed as if it only belonged to the U.S.S. Enterprise.

TABLETS

There's a lot to remember when flying through space, which is why "Star Trek" used a PADD. The "Personal Access Display Device" was computer notebook of sorts. This tech is almost identical to the dozens of computer tablets like the iPad and Microsoft Surface that people use today.

While today's iPads are a bit more thin and sleek than the "Star Trek" counterparts, PADD looks to have been a huge influence on today's tablet world.

into the plotlines, the filming of the scenes. And over the decades—as our technology has gotten better, as we've pushed the boundaries of exploration, as we've learned more about our universe—new knowledge has made its way into Star Trek plots and story lines. **R.**





You can trust our cables to be EESS compliant.

The electrical equipment safety system (EESS) makes it mandatory for manufacturers and importers to register their details and make a declaration that *all* the equipment they sell meets relevant standards and is electrically safe. As the world's leading cable manufacturer we welcome this initiative - and are happy to use the RCM mark as proof of our compliance.

EEaSSy as...

What does EESS stand for?

Electrical Equipment Safety System.

What is the purpose of EESS?

The purpose is to have nationally consistent, electrical equipment safety legislation throughout Australia and New Zealand that will greatly increase consumer safety.

What is different from the previous system?

There are three levels of equipment (level 3, level 2, and level 1) instead of the previous two levels (declared/prescribed and non-declared/non-prescribed). There will be a system to review classifications and re-classify to the appropriate level for verification of compliance requirements proportional to the risk of the product type. At the start of the EESS all current prescribed/declared equipment will become level 3 equipment; all non-prescribed equipment (which is in-scope) will become level 1 equipment.

Is EESS optional or compulsory?

All manufacturers and importers (who are a legal entity in Australia or New Zealand) of certain types of equipment MUST be registered prior to being offered for sale; and the level 3 products shall be independently certified.

How can you identify EESS registered equipment?

a) The EESS National Registration Database records the registration details of "Responsible Suppliers" of electrical equipment in Australia and New Zealand. *Link to the database: <https://equipment.erac.gov.au/registration>*

b) All in-scope electrical equipment offered for sale by registered Responsible Suppliers must be marked with the Regulatory Compliance Mark (RCM):



What is in-scope electrical equipment?

In-scope covers electrical equipment found in the domestic environment, and for example, it does not cover heavy industrial machinery, commercial equipment or the like.

Does EESS represent any changes in technical safety requirements?

No, however tighter evidence of conformity is required for some items.

Want to know more?

Visit the Electrical Regulatory Authorities Council (ERAC) website: www.erac.gov.au.

Prysmian New Zealand Ltd

30 Binsted Road,
New Lynn 0640 Auckland, New Zealand
Ph: (09) 827 3109 Toll Free: 0800 492 225
E-mail: sales.nz@prysmiangroup.com

www.prysmiancable.co.nz



Signed, sealed, delivered.

You can trust our cables to be EESS compliant.



We're happy to tell you more:

Ph: (09) 827 3109. Toll Free: 0800 492 225

Email: sales.nz@prysmiangroup.com

www.prysmiancable.co.nz

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TICK OFF YOUR Gift List

Use your **PowerPoints** this Christmas

Be Sure to place your Christmas orders
before the 6th December 2017
to ensure delivery before the big day.

redpaths.rewardmenow.co.nz



POWERPOINT PRODUCT PICKS

NESPRESSO CREATISTA PLUS



The new Nespresso Creatista lets you enjoy cafe-style quality coffee. With a fully automatic steam wand, you can now create perfectly textured milk set to your preferred temperature, at home.

- R. 7 coffee recipes
- R. 11 adjustable milk temperature settings
- R. Intuitive TFT interface
- R. Pop out cup shelf
- R. 3 second heat up
- R. 1.8 litre water capacity
- R. 19 bar pump
- R. 8 automatic milk texturing levels
- R. 1800 watts
- R. BPA free



GO PRO HERO5 BLACK

HERO5 Black is the most powerful and easy-to-use GoPro ever, thanks to its 4K video, voice control, one-button simplicity, touch display and waterproof design. Smooth stabilised video, crystal-clear audio and pro-quality photo capture combine with GPS to make HERO5 Black simply the best GoPro. Directly upload footage to your GoPro Plus cloud account for easy access on your phone.



- R. 12 Megapixel
- R. 4K30/2.7K60/1080p120 Video
- R. Waterproof without housing to 10m
- R. Voice control on camera
- R. 2" Touch display
- R. Enhanced user interface
- R. Simple one-button control
- R. Rugged camera body
- R. 30 fps Burst



CYGNETT VR10 SMARTPHONE VR HEADSET



Fits all smartphones from 3.5 inch to 6 inch
Dual adjustable lenses
Flip down enclosure
Comfortable soft padding
Manufacturer Warranty: 12 months



IROBOT ROOMBA ROBOTIC VACUUM

iRobot Roomba 866 with iAdapt Navigation Dirt detect Technology series2 Aeroforce and scheduled cleaning.



- R. Navigates under and around furniture without damaging household objects
- R. Automatically recharges itself in between cleanings
- R. Sweeps along wall edges using a spinning side brush
- R. Works on hard floors as well as carpets
- R. Avoids stairs and other drop offs
- R. Clean on a schedule that's convenient to you
- R. Detects fine particles and concentrates cleaning using persistent passtechnology
- R. Aeroforce extractors eliminates the hassle of hair and debris getting tangled on the brushes





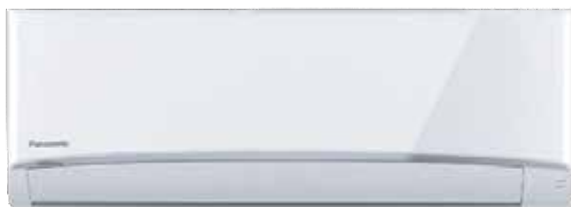
The new Panasonic Thermal Enhancement Technology (P-Tech) enables the compressor to achieve maximum frequency in the shortest time from start up, allowing for 15%* faster cooling.

INTELLIGENT ECO SENSORS



ECONAVI sensors and INVERTER technology work together to moderate the temperature according to room usage. By adapting the way you live and optimising operation, this unique feature makes the air conditioning in your home more energy efficient and keeps you comfortable throughout the day and night.

PRODUCT LINE UP AVAILABLE NOW



CS-Z20TKR / CS-Z25TKR / CS-Z35TKR / CS-Z42TKR



CS-Z50TKR / CS-Z60TKR / CS-Z71TKR / CS-Z80TKR



Wireless

NEW!

Econavi Reverse Cycle Inverter

AERO SERIES

AEROWINGS

Panasonic's new AEROWINGS feature incorporates two independent blades that concentrate airflow to cool you down in the shortest time possible. This also helps distribute cool air evenly throughout the room.

AEROSLIM DESIGN



CZ-RD514C
Wired Remoted
Controller (Optional)

OUTDOOR



CU-Z20TKR
CU-Z25TKR
CU-Z35TKR



CU-Z42TKR
CU-Z50TKR
CU-Z60TKR
CU-Z71TKR

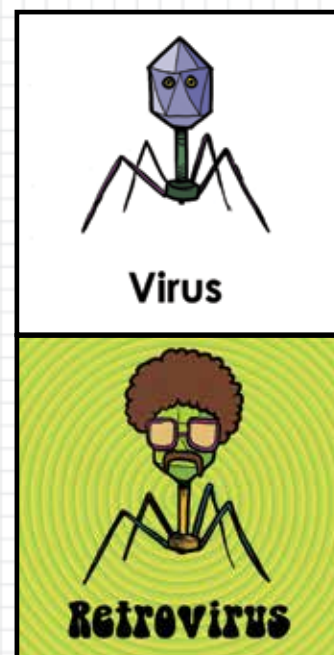


CU-Z80TKR

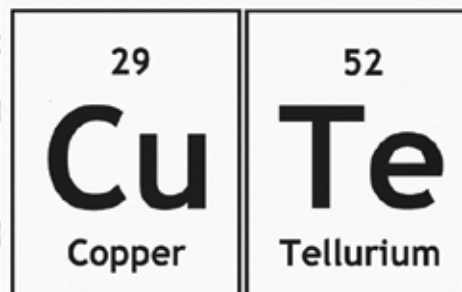
Panasonic

One Liners...

- You know what seems odd to me? Numbers that aren't divisible by two.
- Sparky! Your mother and I are shocked at your current behaviour! Until you learn to conduct yourself properly, you're grounded!
- I haven't talked to my wife in 3 weeks. I don't want to interrupt her.
- A Nigerian Prince has died and left his millions to a cat. He tried to give away his fortune for years, but no one ever responded to his emails.
- There's a band called 1023MB. They haven't had any gigs yet.
- "Let's shut down all his body functions, and then start them up again..." Why Computer Engineers should not be surgeons.
- The programmer's wife tells him: "Run to the store and pick up a loaf of bread. If they have eggs, get a dozen." The programmer comes home with 12 loaves of bread.
- A Buddhist monk approaches a hotdog stand and says "make me one with everything".



are you
made out of copper & tellurium?
because you're



SEND US YOUR "LIGHTEN UP" MOMENT AND YOUR CHANCE TO WIN \$50.
Go to www.redpaths.co.nz/promotions/Share-your-thoughts/ or scan here



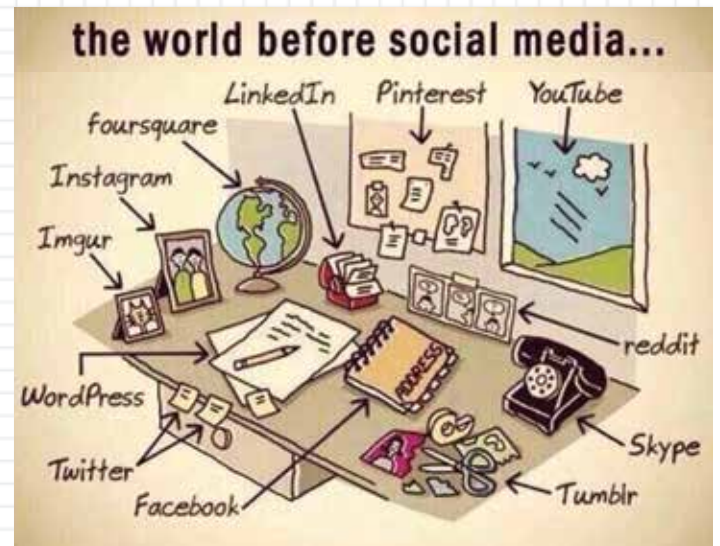
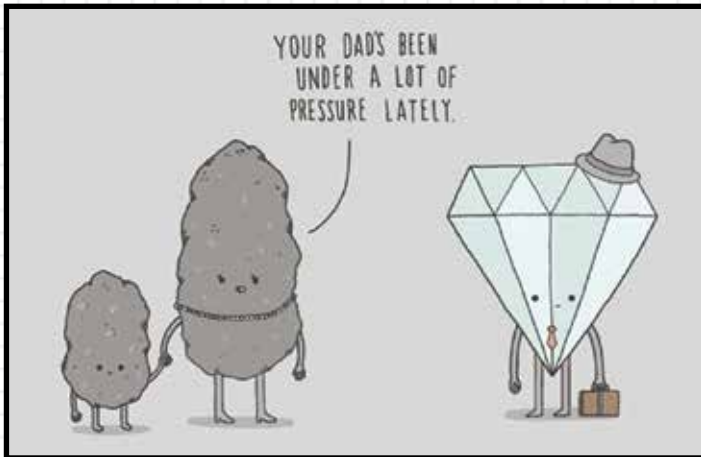
Plug in to
some fun!

Plug in to
some banter!

A MATHEMATICIAN AND AN ENGINEER AGREED TO TAKE PART IN AN EXPERIMENT...



They are both placed in a room and at the other end was a beautiful naked woman on a bed. The experimenter said every 30 seconds they would be allowed to travel half the distance between themselves and the woman. The mathematician said "this is pointless" and stormed off. The engineer agreed to go ahead anyway. The mathematician exclaimed on his way out "don't you see, you'll never actually reach her?" to which the engineer replied, "So what? Pretty soon I'll be close enough for all practical purposes!"



Gotta see it !!



BLADE RUNNER 2049

30 years after the first film, a new blade runner, unearths a secret that could plunge what's left of society into chaos.

Gotta read it !!



THE GEEKY CHEF COOKBOOK

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A TRIO OF POINTS FINISHES

SINCE I LAST CHECKED IN WITH CIRCUIT BREAKER, WE'VE HAD THREE MORE ROUNDS OF THE SUPER GT SERIES IN JAPAN, WITH A PAIR OF 300KM RACES AT SUGO AND FUJI, AHEAD OF THE BIGGEST RACE OF THE SEASON - THE 46TH (AND FINAL) SUZUKA 1000KM.

All three races netted us valuable points, and after the disappointment of Autopolis - our only finish outside the points thus far in 2017 - we have advanced our overall ranking from twelfth back firmly into the top ten in eighth overall. Sugo was a struggle, with a come-from-behind slog to


fading throughout the race due to a poor tyre choice. Heading into Suzuka off the back of some brilliant testing speed, we found ourselves behind the 8-ball with the hot summer conditions, qualifying a lowly 18th which, compounded by an early drive through penalty in the race, left us in 29th

the season in Thailand, at the Buriram circuit flanking the home football stadium of the Champion Thai football team. This precludes the season finale at Motegi in early November, where all our performance weight (our results to date have us carrying 46kg) is removed for an all-out

WE HAVE ADVANCED OUR OVERALL RANKING FROM TWELFTH BACK FIRMLY INTO THE TOP TEN IN EIGHTH OVERALL.

tenth place after being hit off the track in the early laps in tricky damp conditions. Returning to Fuji for the second time this season, we qualified inside the top ten and worked our way to fifth at the flag - a much better race performance than the front row start at the same circuit in May, before

position after the first hour. We had five hours to work our way forward, and due to some slick pit work and spur-of-the-moment strategy calls, we worked our way back to 8th place at the flagfall of the final instalment of 'Japan's Bathurst'. Unfortunately, next year the event sides with the European Blancpain Series for a 10 Hour GT3 race, and our SUPER GT event will revert to a 300km sprint with (dare I say) a far less charming spectacle for fans, teams and the media. We're now in the middle of an intermission before the sole flyaway event of

250km fight to the finish capping off my debut season in SUPER GT. 



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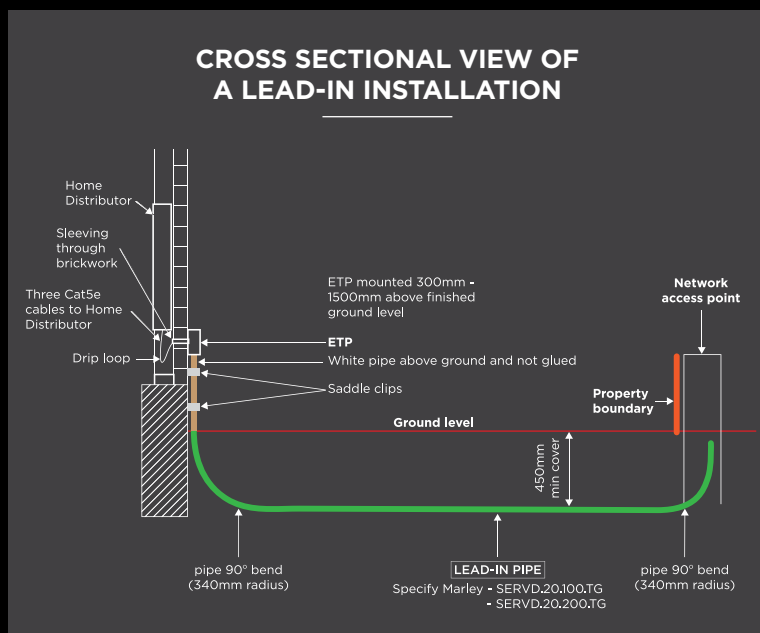
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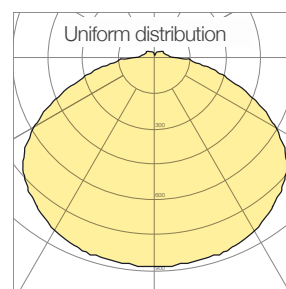
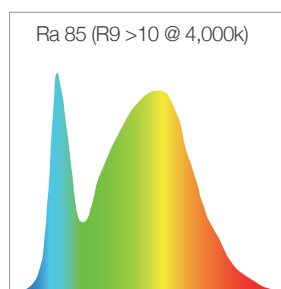


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A vibrant background image featuring a clear blue sky with a bright sunburst effect in the upper center. In the foreground, several tulips in various colors (yellow, pink, red, and purple) are in bloom, their green stems and leaves visible. The overall scene is bright and cheerful, representing spring.

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