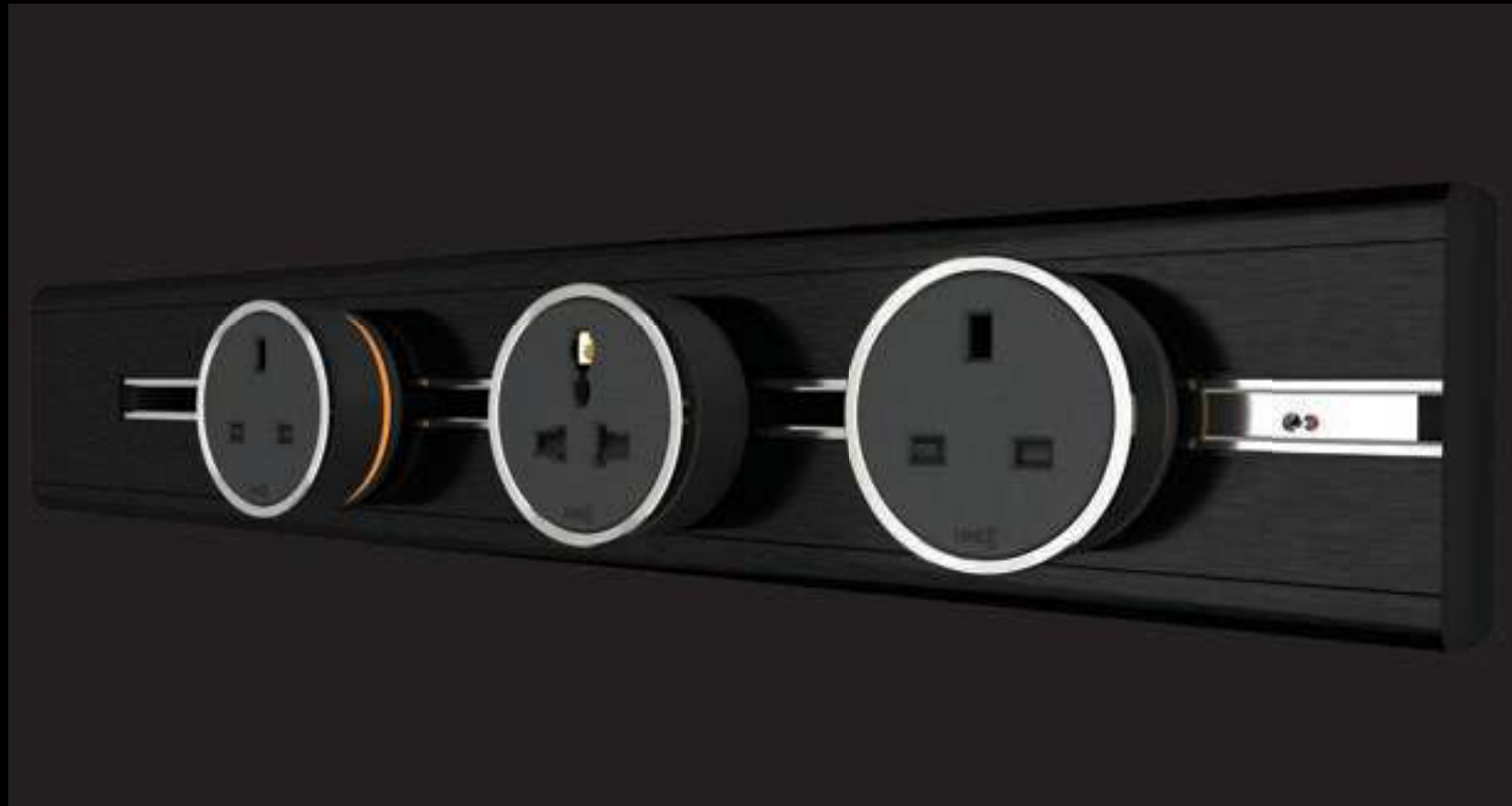


# Line8 Power Rail System

THE WORLD'S MOST ADVANCED POWER OUTLET SYSTEM



LINE8



## Word from our CEO

I am proud to present to you Line8's product catalog. This catalog showcases the latest and newest technological advancement in Power Rails for homes, offices and professional facilities.

Line8 is a linear power rail where an "infinite  $\infty$ " number of power outlets can be plugged into the power rail with a simple twist; symbolically represented by the number 8.

With over 15 years of experience in the power rail business, I believe and embrace that this is the concept for the future. The Line8 Power Rail System is a truly great product which is defined by the integration of its form and function.

By utilising the latest in manufacturing and finishing technologies. Using the best and most durable materials. Coupled with a truly modular design we have created a product that is easy-to-use, energy-efficient, durable and most importantly, safe.

Integrated within are the latest in Smart-Home, IoT, Green Renewable Energy, Smart Grid Technologies. Incorporating multimedia points like HDMI, Cat6 Data, USB Data, to name a few will ensure seamless integration. Plugging into both power, data and technology can never be easier.

My sincere thanks to all our partners and clients through the years and also to everyone who contributed.

A handwritten signature in black ink, appearing to read 'Kenneth Ong', written in a cursive style.

Kenneth Ong  
CEO, Founder, Inventor  
Line8 Pte Ltd

ONE TRACK INFINITE ∞ POWER



## Design

With sleek lines and diamond polished accents, the Line8 Power Track marks the beginning of a new era.

One of unrivalled safety, exquisite design and cutting-edge electrical technology.

A premium power outlet system created with an understanding of safety, style and function.

Experience the convenience of having power sockets exactly where and when you need them.



Safe

Safest Power Track  
Tested and Accredited



Convenient

Add, Remove & Reposition  
Neat and Functional



Bespoke

Exquisite Design  
Premium Finishes

Model S Surface Power Track, Indian White Marble Finish, Diamond Silver International Premium Adaptors  
Experience the convenience of having power sockets exactly where and when you need them







LINE8





## Singapore Made Quality Assured

Developed in Singapore, Line8 is at the forefront of electrical and power technology.

100% Designed and Manufactured in Singapore, you can be assured that the quality and durability of our power tracks are of the highest standards and technology.

Every Line8 Power Rail is elegantly crafted out of aerospace grade aluminium, hard anodised to protect the finishing.

Line8 is compliant with the most stringent of electrical standards and is backed by an industry leading 5 year warranty.

Model S Surface Power Track, Black Hairline Finish, Diamond Silver British Premium Adaptor  
Developed in Singapore, our patented interlocking and shielding technology makes us the safest power track in the market



Safety Certified  
Patented A.T.  
Safety Technology



Peace of Mind  
5 YEARS  
WARRANTY  
Made from Modern  
Space-age Materials



Built to Last  
Tested to last beyond  
30000 full cycles

## LINE8 POWER RAIL

Patented Triple Redundancy Electro-Mechanical Safety System  
Quad 32A 250V AC + DC High-Power Rails to Eliminate Overloading  
Supports up to 14 Adaptors Per Meter  
Passively Cooled Annealed Pure Copper Conductors  
Extruded Aerospace Grade Hard-Anodised Aluminium Enclosure  
Modified Polyphenylene Ether Insulation  
Full Modular Track and End Terminal System with Multimedia & Data Support

## BRITISH SOCKET

Fits UK, SG, HK Type Plugs; BSI BS5733, BS1363, SS145, SS241 Safety Standards  
Made from glass reinforced fire resistant PBT  
Monobloc single piece machined phosphor bronze conductors  
Silver inlay switches with silver nickel contacts  
Patented Lock & Key Engagement  
Safety locked when switch in "ON" position



## SWITCHES, MULTIMEDIA & DATA

Supports a Full Suite of Multimedia & Data Outlets  
HDMI, VGA, Cat6, Cat5e, Cat3, Coaxial, Optical Fiber, USB, 3.5mm Audio, 1/4 Inch Audio, XLR, Component  
Electromagnetic Interference (EMI) Shielded for High Speed, High Fidelity Connectivity

## USB A+C MAX CHARGER

Quick charge any mobile, tablet and laptop  
Utilising the latest USB Type-C PD Protocol  
USB Type-A Quick Charge Port  
Computer Controlled Voltage Adjustment



## PATENTED POWER DISTRIBUTION TECHNOLOGY

Utilising our patented Assymetrical Tap-Off Connection

Add up To 14 plugs per meter without the risk of overloading

Actively Grounded Shielding Technology with child-safe switch

100% mechanical system with ZERO standby power

## INTERNATIONAL SOCKET

Fits most plug types (SG, UK, US, EU, CN, JP, German, Australian)

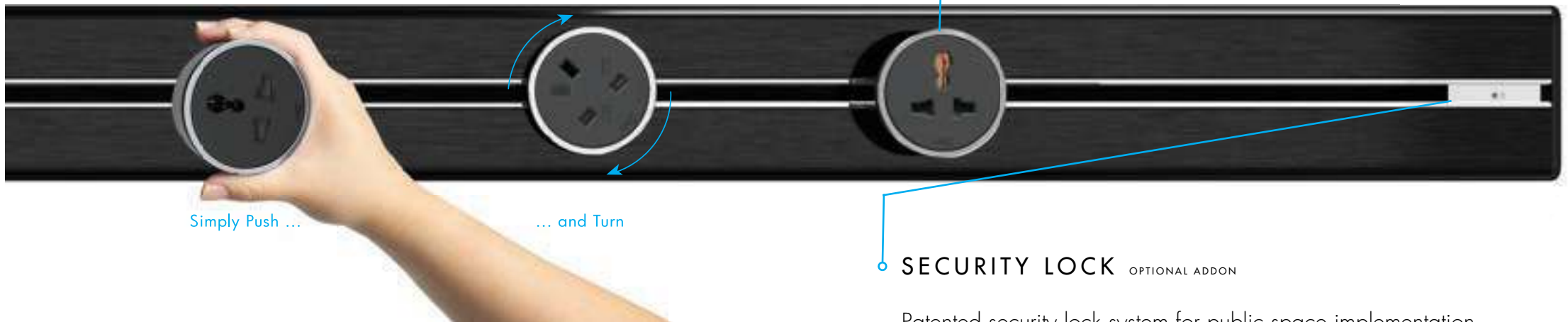
Made from glass reinforced fire resistant PBT

Monobloc single piece machined phosphor bronze conductors

Silver inlay switches with silver nickel contacts

Patented Lock & Key Engagement

Safety locked when switch in "ON" position



## SECURITY LOCK OPTIONAL ADDON

Patented security lock system for public space implementation

Central locking mechanism prevents the removal of adaptors

Locked adaptors can be repositioned and switched ON/OFF

Prevent unwanted theft of adaptors while maintaining full function

## SMART HOME IOT CONTROLS OPTIONAL ADDON

Modular IoT Enabled Smart Home Terminal

On/Off & control via iOS and Android app

Set schedules and smart scenes through Google Home / Amazon Alexa

Voice control and activation using Google Assistant / Amazon Alexa







## The Safest Power Track In The World

Our patented interlocking and shielding technology makes us the safest power track in the market. This engineering breakthrough shields away electrical contacts. Keeping us, including children, safe.

Based on the Lock & Key Principle, the pins on our adaptors need to line up to the height, length and depth of the Line8 Rail before any electrical current is allowed to flow.

Made from a specially formulated PBT material, reinforced with glass fibers. The Line8 Adaptors are durable, fire-resistant, electrically impermeable and chemical resistant.

Our Interlocking Safety Switch design makes sure that the socket is fully engaged to the rail before the switch can be operated, eliminating electrical arcing and enhancing safety.



Advanced Safety

Patented Finger-Safe  
Lock & Key Technology



Active Shield

Actively Grounded Shields  
Engineered Mechanical Core



Child Safety Switch

Push-Pull Safety Switch  
Fingerproof Aperture

Model S Surface Power Track, Black Hairline Finish, Diamond Silver British Premium Adaptor  
Adds modularity never experienced before to any kitchen  
Add, remove & reposition power sockets in seconds







Model S Surface Power Track, Brazilian Rosewood Finish, Diamond Silver British Premium Adaptor  
Integrated with the latest technology in multimedia, data, Smart Home Systems and IoT

## Form & Function

Experience the convenience of having power sockets exactly where and when you need them.

With our smart home IoT enabled power tracks, we could keep track and monitor power usage, control and integrate with modern smart home systems.

Our newly developed USB MAX Charger can quick charge any mobile, tablet and laptop.

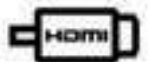
Integrate with up-to-date data and multimedia systems with our HDMI, USB and Fiber Optic add-on accessories.



**Smart Home IoT**  
WiFi Based Smart Chipset  
Smart Scene, Voice Control,  
Energy Monitoring



**60W MAX Charge**  
Max. Charge Any Device  
USB A or USB-C PD :  
5V/3A 9V/3A 12V/3A 15V/3A  
20V/5A Max. 60W



**Data & Multimedia**  
Integrated Data, HDMI,  
Audio & Video Support

**LINE8**

## Bespoke

Personalise your perfect Line8 Power Track with 11 premium finishes, made-to-measure length and over 20 technology add-ons.

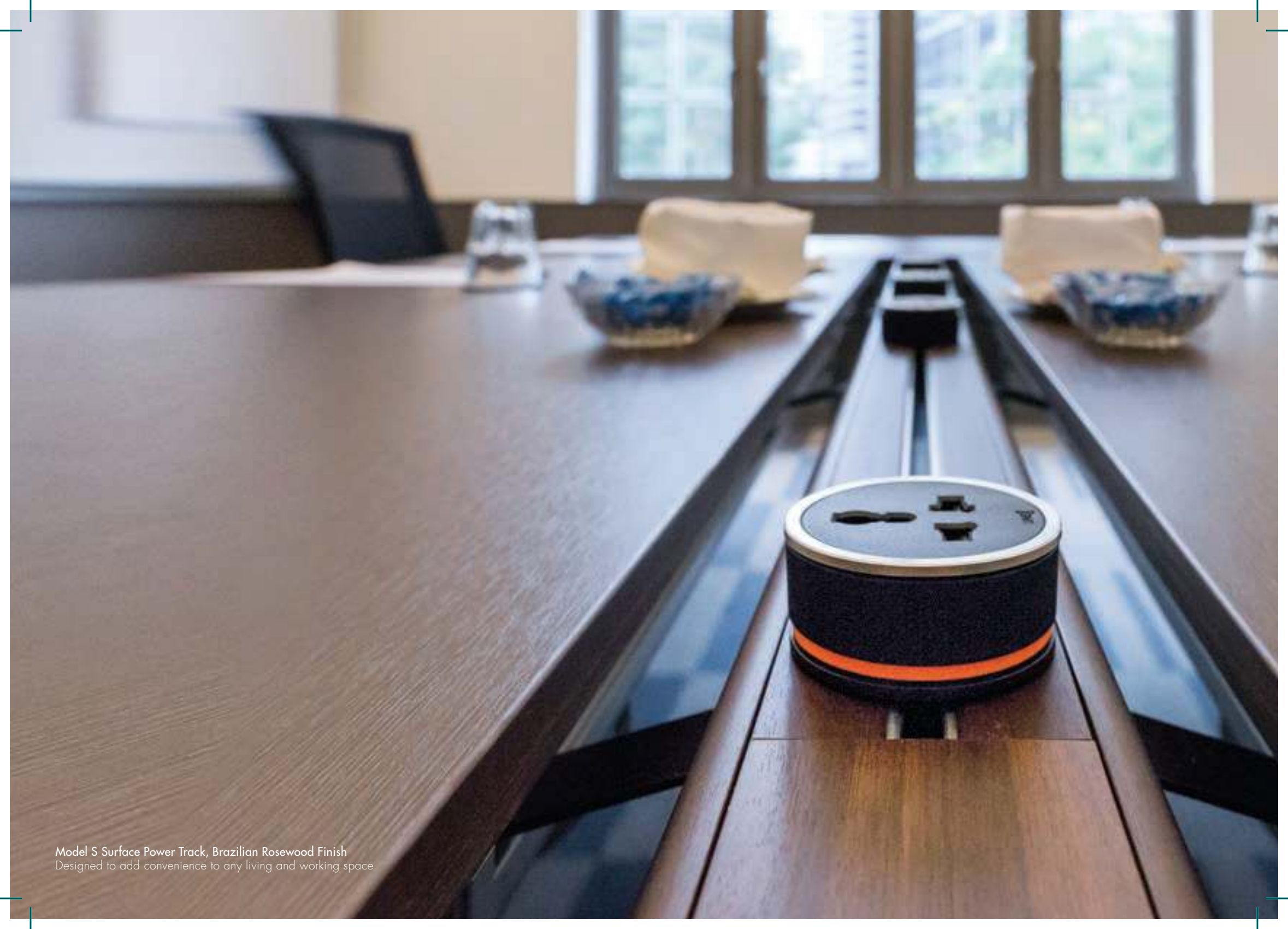






Model S Surface Power Track, Brazilian Rosewood Finish, Diamond Silver British And International Premium Adaptors  
All our custom finished power tracks are hand-made to order in Singapore ensuring the highest level of workmanship and quality





Model S Surface Power Track, Brazilian Rosewood Finish  
Designed to add convenience to any living and working space



## Performance

The only power track to feature Quad 32A power rails making Line8 the most power capable power track system.

Able to carry both AC and DC power simultaneously, we cater to the future of green energy grid and renewable energy systems.

Fit up to 14 adaptors per meter of track; the highest density for power rail systems.

With our patented tap-off engagement we are able to maximise power limits.

**LINE8**



**Powers Everything**  
Fits 14 Plugs Per Meter  
Anywhere in Seconds



**Child Safe**  
Push-Pull Safety Switch  
Fingerproof Aperture



**Patented Technology**  
Quad 32A Power Rails  
Dual Power (AC+DC)

## Enterprise Grade Construction

Built to the highest standards, our power tracks are designed to exceed enterprise requirements and specifications.

Durability tested to 30,000 cycles, 3000A and 1500V. Impact tested, drop tested, flammability tested, just to name a few.

Certified to the internationally acclaimed IEC161534 standard together with ISO9001: 2015, Singapore Standard SS241, SS145 and British Standard BS1363, BS5733.



Flammability Test  
IEC 60695-2  
Self-extinguish in Open Flame 60s



High Temp Test  
BS EN60695-3-11  
800°C



Impact Test  
IEC 60068-3-75  
10 blows, 25 drops



Durability Test  
BS 1363-2  
30,000 cycles



Overload Test  
IEC 61534-1, BS 1363-2  
3000A/800.000W, 1500 volts

LINE8

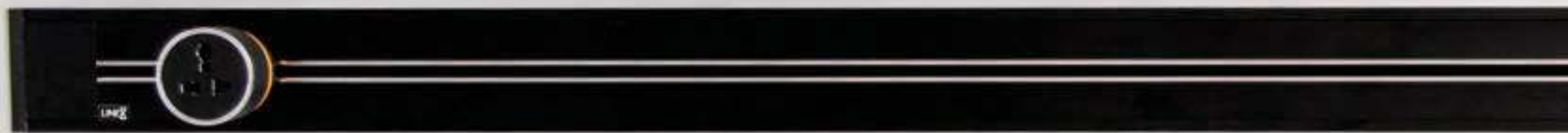




Model R Recess Power Track, Black Hairline Finish  
Built to the highest standards, Line8 is designed for mission critical and demanding electrical applications



SAMSUNG



LINE8



LINE8



## Innovations

The safest power track with our patented Asymmetrical Interlocking System, Active Grounded Shield, Engagement Protection System and a Child-Safe Push-Pull Safety Switch

Line8 is the 1st power track to support simultaneous AD & DC power distribution to integrate seamlessly into new LVDC green energy grids

Our Common Rail Locking System allows the security locking of adaptors to the track while maintaining mobility and switch control

Integrate to modern smart home and smart monitoring systems with our IoT Enabled Modular Terminal allowing you to AI and Smart Control your Line8 Power Track

Using the best space age materials like Aircraft Grade Aluminium, Glass Reinforced PBT for its enclosures. Pure Silver Inlay and Phosphor Bronze for contacts and switches. 99.99% Annealed Copper for Busbar conductors. Line8 is the perfect engineering example of a power track with no corners cut and no expense saved for maximum capability and durability.

Finished using modern Diamond Polished Aluminium Trims, Hard Anodising Technology with Architectural Grade Vinyl Finishings

### Model R Recess Power Track, Black Hairline Finish

Using modern technology to drive innovation, made with the latest space age materials and machinery in Singapore



Safety Mark  
COC 210001-00



### Certifications



ISO Audit Summary  
ISO 9001:2015



ISO 9001:2015



Trademark  
Registration  
40202001457V



TUV SUD  
Test Report  
BS5733:2010 +A1  
BS1363-2



TUV SUD  
Test Report  
SS 241:1996  
SS 145-2:1997  
Seq 1,2,3



Singapore  
Safety Mark  
Application  
5419916



Intertek  
Test Report  
IEC 61534-1:2014  
IEC 61534-12:2014



Gulf Mark GCC  
Certification  
SG-GCC-0000237

### Patents



Worldwide Patent  
WO 2017/007420 A1



Worldwide Patent  
PCT/SG2015/030292



SG IPOS Patent  
102018030608



Vietnamese Patent  
VN/1-2018-00043



Chinese Patent  
CN/201580081520.2



Hong Kong Patent  
HK/1810819.0



Hong Kong Patent  
HK/1810819.0



Chinese Patent  
CN/201580081520.2



Vietnamese Patent  
VN/1-2018-00043



UKAS ISO 9001: 2015



IEC 61534-1  
IEC 61534-21



CE MARK



BS5733+A1: 2014  
BS1363-2: 2018



G MARK



MS







Model R Recess Power Track, Black Hairline Finish  
Fully tested and certified to meet or exceed the latest  
electrical, safety and durability standards



LINE8





Model S Surface Power Track, Black Hairline Finish  
Each Line8 Track is built to carry up to 32A of power;  
enough to power up an entire apartment on a single track





Available Finishes



## Model S

Model Surface.

Mount onto walls. Upgrade over conventional wall sockets. Our Model S is suitable for almost every use case. Bring power anywhere, at any location.

Rated Current	: 32A~ 32A= (Dual AC + DC)
Rated Voltage	: 250V~ 250V= (Dual AC + DC)
Certification	: BS5733, BS1363, SS145, SS241, IEC61534, ISO9001
Fire Resistance	: UL94 HB
Ingress Protection	: IP3X
Made in	: Singapore

Dimension (Total)	: 86mm X 25mm
-End Cap thickness	: 5mm
-Face edge radius	: 9mm
-Back edge radius	: 4mm

Warranty Period	: 5 Years
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## Model R

Model Recess.

Slot into carpentry for a flat and flush finish. Integrate into your kitchen or your office system furnishings like it is meant to be. Enhance your power needs.

Rated Current	: 32A~ 32A= (Dual AC + DC)
Rated Voltage	: 250V~ 250V= (Dual AC + DC)
Certification	: BS5733, BS1363, SS145, SS241, IEC61534, ISO9001
Fire Resistance	: UL94 HB
Ingress Protection	: IP3X
Made in	: Singapore

Dimension (Total)	: 80mm X 30mm
-Depth	: 29mm
-Hole Width	: 68mm
-End Cap Wing Protrusion	: 5mm

Warranty Period	: 5 Years
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**UKS-1**  
British Premium Adaptor



**MLT-1**  
International Premium Adaptor

Available Finishes



Diamond Silver  
(Standard)



Protoss Blue



Rose Gold



Medallion Gold



Obsidian Black

# Adaptors

- Rated Current : 13A~
- Rated Voltage : 250V~
- Certification : BS5733, BS1363, SS145, SS241, IEC61534, ISO9001
- Fire Resistance : UL94 HB
- Ingress Protection : IP3X
- Made in : Singapore
- Warranty Period : 5 Years



**Data**  
Cat6 Punch/FT



**Data**  
Cat6A Punch



**Data 45°**  
Cat6 45° FT



**HDMI**  
AV FT



**USB**  
3.0 Data  
FT



**Desktop Stand**  
For Model S



**Coaxial**  
Data FT



**VGA**  
AV FT



**60W USB A+C  
MAX Charger**  
1 x USB A,  
1 x USB C PD



**High Power  
Switch 20A**



**Audio**  
3.5mm FT



**IoT Smart Home  
Wifi Module**



**Fibre Optic**  
Data FT



**XLR**  
FT



**Angle Caps**  
90° & 270°  
Angle Corner Caps

\*All product specifications are subject to change without prior notice



Made & Designed in Singapore  
Patents Pending & Granted

WO 2017/007420 A1  
PCT/SG2015/050203  
CN/201580081520.2  
SG/11201710008S  
SG/10201803060R  
VN/1-2018-00043  
HK/18109819.0

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Certifications  
SAFETY MARK  
GCC G MARK  
CE MARK  
SIRIM

ISO 9001:2015  
BS7533:2010 +A1  
BS1363-2  
SS 241:1996  
SS 145-2:1997  
IEC 61534-1:2015  
IEC 61534-12:2014

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