



**AVC ENGINEERING**  
HOME AUTOMATION & MEP





# WELCOME

Welcome to AVC Engineering, Phuket's leading Home Automation specialists since 2002. Emphasizing elegance, convenience, ease-of-use and energy savings - AVC enhances and simplifies control of lighting, entertainment, shading, and climate - with the simple push of a button, smartphone, tablet, or even your watch! Rather than having six or more switches lined up on the wall, not knowing what any of them do, Lutron keypads are stylishly designed to compliment your interior design.



Lutron will replace all the clutter with simple backlit buttons that are easy for guests and owners alike. "Welcome Home" will turn on your lights, set the air-con, open the curtains, and play your favorite music. It's that easy to use. Before you retire for the night, lower your shades, turn all your lights off, and set the temperature from the comfort of your bed with the "Goodnight" button. Not only can you control the lights that surround you, but also the lights halfway across your home - so you can rest assured that everything is set as you want it to be.

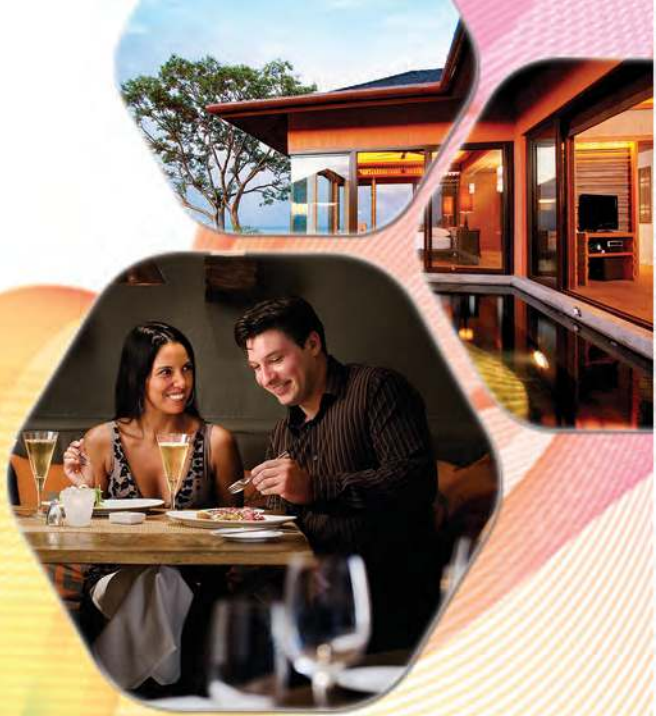






# LIGHTING

Lighting helps you to see better and perform tasks more easily. It also provides safety, security and a sense of comfort. Lighting and lighting controls gives you the flexibility to adjust and adapt the mood and ambiance of your home; both indoors and out. Scenes allow you to have bright lighting in the daytime, medium in the evening, and dim late at night. You can always change the scene, or simply dim the lights up or down with raise and lower buttons. Timers can also turn on your common areas and landscape at dusk, and off again at dawn.



Welcome Home	Lights
Air-Con	Scenes
Ceiling fans	Curtains
Music	Shades

For rental homes, clearly-labelled and simple to use buttons require no instruction. For non-rental homes, it's easy to make your own adjustments to scenes and timers with Lutron's free app. Dimming lights saves energy, increases lamp life, and generally looks nice. When connected to a security system, in the event of an alarm, interior lights can illuminate a safe pathway, while exterior lights flash to attract attention.

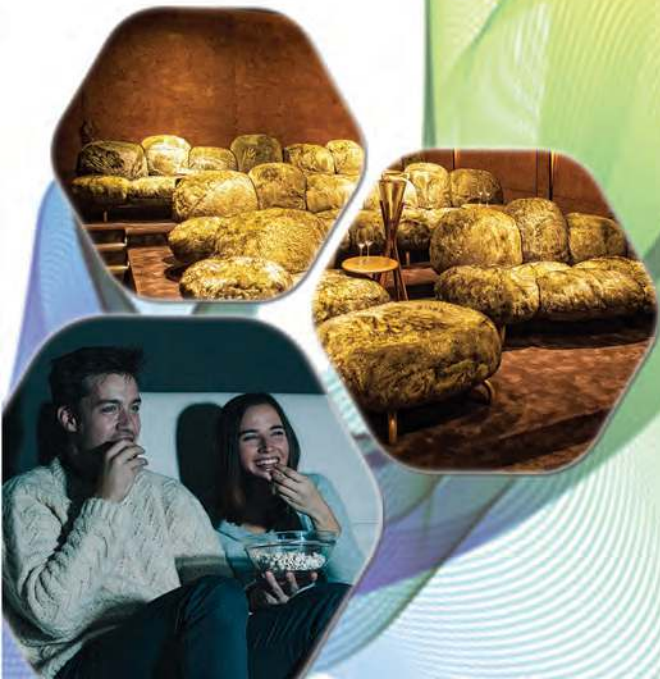


# ENTERTAINMENT

Everyone loves music and movies, and current technology makes it easier and cheaper than ever to have a massive amount of content right at your finger-tips. Home cinemas, bedrooms, bathrooms, common-areas and outdoors; listen to or watch anything you want from a central server, from popular on-line services, or simply from your smartphone or tablet. Gone are the days of multiple equipment racks and proprietary distribution and switching systems.



New products such as AppleTV simply mount to the back of your flat-screen. Discrete speakers indoors and out offer great quality sound, and are easily controlled from the same keypads that control your lights. Play the same music everywhere, or different in each area or floor - it's easy to do, and the choice is yours. While a living room may have a large TV, your home theater can have a huge screen, 3D projector, 7.1 surround sound, and all the latest blockbusters streamed over the Internet.







## SHADING

Automatically adjust your window treatments with precise control to maintain views outside, while reducing glare and commanding privacy inside at the touch of a button. By using sensors or strategic timing, you can take advantage of the day's natural light cycle to open and close shades, blinds, or curtains to protect your valuable furnishings from harmful UV rays, save energy by making your air-conditioning system run more efficiently, and create total darkness when desired by closing blackout shades or curtains.



In addition to simply controlling window treatments, Lutron also manufactures their own motors and track systems. Being the only company to use DC motors, benefits of Lutron's shading products include: faster smoother operation, quieter and more powerful than AC motors, perfect alignment and speed between shades, multiple preset positions, and precise feedback for monitoring. In addition, being Lutron, they integrate seamlessly.



# CLIMATE

Climate Control sets the air-conditioning in each room, adjusts ceiling fan speeds and activates extractor fans in bathrooms and store rooms. Use a touchscreen, smart phone or tablet to access all the temperature and humidity set points for dozens of thermostats at any time, from anywhere. Prior to arrival, turn on the air-con and come home every night to a cozy environment. With a "Room Off" button, all lights, fans and air-conditioning within a room turns off effortlessly.



"All Off" does the same for the entire property, making it convenient for you to save energy. With a "Save Energy" button that you or your staff activates when the house is empty, automatically draw the curtains and dehumidify all your rooms on a daily basis. Lighting levels and automatic timers will also adjust to energy savings mode when unoccupied, and back to normal when guests arrive. For new constructions, take advantage of your air-conditioning system by using it to replace your high-wattage hot water heaters, saving you even more energy.





# ABOUT

AVC Engineering came to fruition after the completion of Phuket FantaSea, where AVC's directors installed automation and control systems that remain in daily use nearly 20 years later. To date, AVC has completed over 200 houses and hotels with several more in the works. Clients benefit from AVC's organizational infrastructure not only during the design stage but also during installation, and ultimately maintenance. With years of experience in local construction, we understand not only how to achieve what's best for you and your project, but more importantly what pitfalls to avoid.

AVC also specializes in Mechanical, Electrical and Plumbing engineering, to International standards. We are local, experienced, pay attention to detail and quality, and follow all of our projects through to completion.

With the recent surge of cheap, substandard systems, investing in a quality product saves both money and downtime. Lutron is the world leader in its field, and offers an eight year warranty to prove it.

# LUTRON

Lutron, a privately held company with world-wide regional offices, invented the first solid-state dimmer in 1959. Lutron currently holds over 2,700 patents, including the first ever lighting control system. In over 50 years of innovation, Lutron has advanced the technology of dimming and controls, while maintaining top market position by focusing on exceptional quality and design. Lutron is installed everywhere from apartments to mansions, hotels, restaurants, retail stores, and museums; including the Statue of Liberty, Windsor Castle and the Bank of China.





# FEATURED CLIENTS



Baan Yamu

Iniala

Surin Hill

Plantation

Layan Villa

Kata Rocks

Amanpuri

Kata Rocks

St. Regis

Avadina

Cape Yamu

Private Villa

Jomchang

Jomchang

Amanzi

Papilon

Cape Yamu

Nikki Beach

Cape Sol

Cape Sol

Sai Taan

Bangkok

Iniala

Sava

Samsara

Chivitr

Villas Layan

Private Penthouse

Villa Changrajang

Iniala

Jomchang

Samsara

Cape Yamu

Sava

Tamarind

Sai Taan Gardens

Torcello

Naissance

Waterfall Cove

Cape Yamu



