

Tewke

Makes smart simple



Small changes can make a big difference.

Starting with Tewke Tap, an intelligent light switch, we are reinventing how homes use energy, reducing bills and empowering smarter choices. Every home impacts the planet, and the best change feels effortless.



The Gap



Disconnected from the smart grid

Traditional switches cannot integrate with emerging smart energy systems.



Outdated technology

For over a century, the traditional light switch has remained a simple, mechanical device with no evolution to match modern digital lifestyles.



Inconvenience

Mechanical switches lack automation and remote control, forcing manual operation in every room.



Inefficiency

Lights are often left on unintentionally, wasting energy and driving up costs.



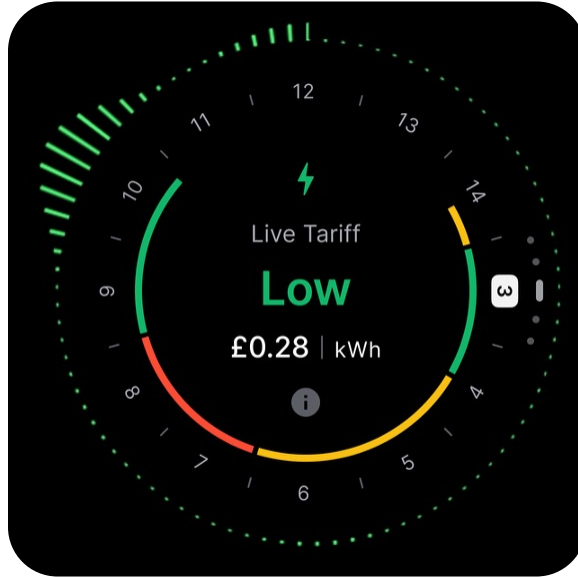
The Solution

What Tewke aims to achieve with Tap



Unparalleled convenience

Tap allows users to create the perfect mood for their space, offering control over lighting like never before. Tap takes minutes to install, is easy to set up and intuitive for the whole family to use.



Cost Savings

Much lower cost to acquire than traditional lighting and home energy management systems, with the right energy tariff Tap lets users save significantly on their bills.



Innovative Design

Made in Britain, Tap is highly engineered and looks beautiful. As a Red Dot Design Award 2024 winner, Tap improves the look of any home, setting it apart.



“I built Tewke because homes should be intelligent, effortless, and sustainable. We’ve turned the light switch into the brain of the home and complete energy management system; simple, beautiful and ready for everyone.”

Piers Daniell, Dreamer

Tap

The intelligent light switch that makes smart simple.
With Tap, there's no disruption, no steep learning curve, just a beautiful, smart device that makes your home more efficient and more relaxing. It saves time, reduces hassle, and gives you peace of mind, so you can focus on what's most important.



Smart Lighting
Make every light smart



Energy Control
Save the planet by optimising energy



Home Health
Keep your home safe and secure



Climate*
Perfect temperature in every room



Security*
Fully built-in security system



Media*
Surround sound wherever you are

*Features due to be rolled out in 2026

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Enjoy the peace of mind

Tap is fitted with a multitude of sensors, including temperature, humidity and air quality, allowing it to build a comprehensive understanding of any environment. Tap can detect behavioural patterns, nudging users to adopt better habits.



Temperature
Create a smarter heating system with a thermostat in every room



Energy Control
Monitor how much energy you use throughout the day



Home Health
Understand air quality and help prevent headaches and dizziness



Power
Measure voltage and current to deliver energy optimisations



CO2
High concentrations of CO2 can cause reductions in cognitive function



Humidity
Detect conditions for mould and unhealthy living conditions



Hassle-free installation

Tap is designed to replace any existing light switch, letting professional electricians to replace the device in minutes. So you can focus on the things that really matter.



Plug and Play

Replaces any existing light switch without the need for rewiring



Install in any home

Works with or without a neutral wire, using an existing pattress box and existing light bulbs



Complete automation

Control your lighting, energy consumption and home health within minutes



Remote Access

Control your home anytime, anywhere with the Tewke Mobile App®



Launching March 2026

Introducing

Tap One

Smart, simplified, and made to fit.

Tap One delivers smart, simplified control in a beautifully affordable panel-back design. By replacing the OLED display with a sleek touch-glass interface, it is over 50% more affordable without compromising on intelligence.

A visually identical LED-interface variant of Tap, designed for secondary locations while maintaining full switching, dimming and automation capability.

It still monitors air quality and tracks energy usage, offering flexible control for up to four lights or scenes. Because it shares the same snap-on design, upgrading to a full Tap in the future is effortless, requiring no rewiring or mess.



Tap Features

Automated control

Smart Lighting

Tap helps you personalise your environment, set the perfect ambience and improve your state of mind, whether you're winding down or gearing up.



Scenes and Habitats

Create multiple, attractive lighting states and control your entire home with just one 'tap'



External Devices

Use compatible smart plugs to connect external devices, like table lamps, to your Tap system



Control from Anywhere

Use the Tap mobile app to control your lighting with ease, whether you're at home or away.



Tap Features

Intuitive optimisation

Energy Control

Tap's energy screens and alerts are intuitive to understand and easy to follow. This allows users to make simple changes to their energy use and so save money on their bills, with the right tariff.



Smart Meter Integration

View and understand your energy usage and costs in real time



Energy Tariff Information

Optimise for greener and cheaper energy with time-based energy tariffs



Personalised Reports

Gain insights into your usage and spending with custom monthly reports



Tap Features

Smart Insights

Home Health

Tap is fitted with a range of sensors, including temperature, air quality and humidity, allowing it to build a comprehensive understanding of your home's environment, including developing issues like mould. Tap then guides users to make changes to address these concerns.



Health Score

Quickly understand your home's overall health with our dynamic score system



Detailed Insights

Analyse readings from Tap's built-in environmental sensors



Custom Notifications

Get notified when the state of your home changes unexpectedly





The Castle in Warwickshire

Case Study

Size: 1,110 m² (NIA 12,000 sq ft)

8 bedrooms, 7 bathrooms

54 Tewke Taps

The UK's first new castle in 100 years, showcasing the very latest in environmental technology with Taps at its heart. As shown in Grand Designs 2025.

- 204kWh of storage
- Vertical wooden wind turbine
- Solar tiles
- Woodcrete construction
- Change state hot water boilers
- Solar glass
- Full HVAC and MVHR

For our partners, we can offer an exclusive, private tour upon request.

Apartment in River Heights

Case Study

Size: 74 m² (NIA 796 sq ft)
2 bedrooms, 2 bathrooms

3 Tewke Taps

27%

Cost Savings after Installing Tewke

The first year is when the consumer is on a fixed energy tariff and the second year is after they have changed to a time of use tariff.

*These results are as per a 6-month study using Tap



Distributed Intelligence (No Hub)

Tewke system is designed with **no central processor**.

Each Tap and Tap One unit contains:

- Local **processing**
- Local **non-volatile memory**
- Local **switching** and **dimming control**

If any individual device is removed or fails, the remainder of the system continues to operate normally.

This architecture **removes** the requirement for:

- Lighting control panels
- DIN-rail relay modules
- Specialist control cabling
- Engraved keypads



Upcoming Over-the-Air Updates

✦ Tewke AI

Now anyone in the home can interact with AI, directly from your light switch.

Tewke AI brings the power of Google Gemini directly to the award-winning Tap. Tewke AI provides intuitive, on-screen text responses to voice queries, from headlines to home health update.

This feature transforms Tap into a privacy-first home assistant. Unlike traditional smart speakers, Tewke AI rejects the "always listening" model in favour of a tactile, push-to-talk interface, democratizing smart home control for every member of the household without compromising privacy.



Tap Specifications

Power Specifications

Max Power	100W maximum per channel (300W total)
Voltage	220-240V ~ 50-60Hz
Compatibility	Neutral wire not required when using compatible light bulbs
Light Dimming	100 stages
Storage Temperature	Between 5°C and 30°C

Technical Specifications

Chip	Quad-core CPU at 1.8 GHz
Memory	2 GB
Storage	16 GB
Speaker	0.7 W

System Requirements

Internet Connection	2.4GHz/5GHz
Smartphone	Running Android 5.0 or iOS13, or higher; Tewke Mobile App installed

OLED Display

Size	3.92 Inches
Resolution	1080 by 1240 pixels at 419 ppi
Refresh Rate	60 Hz
Peak Brightness	630 Nits
Colours	16.7 Million
Glass	Corning® Gorilla® Glass 3
Touch	10 Point Touch Display

Homes with Neutral Wiring

Feature	Description
Wiring Setup	• Works with standard Neutral wiring setups. • Recommend using a 35mm+ deep pattress box. • If less than 35mm deep, then the Wall Dock can in some instances still be installed depending on wiring layout and how far the pattress box is recessed into the wall.
Two-Way Switching	• Virtual 2-Way Switching is used. • Install one TAP unit at each switch location. • Connect each as a 1 Gang 1-way switch. • Only one TAP directly controls the lights; the other communicates wirelessly to control the light circuit.
Minimum Load	• No minimum load requirement is specified.
Features & Specs	• Channels: 3 independent channels (max 100 VA each). • Functions: On/Off switching (Via Mosfet) and Trailing edge dimming. • Energy Monitoring: Measures Active, Reactive, Apparent Power, and Power Factor. • Protection: Built-in thermal protection with auto-reset. • Works with 230V.



Homes with No-Neutral Wiring

Feature	Description
Wiring Setup	• Works with No-Neutral wiring setups, subject to specific conditions. • Recommend using a 35mm+ deep pattress box. • If less than 35mm deep then the Wall Dock can in some instances still be installed depending on wiring layout and how far the pattress box is recessed into the wall."
Two-Way Switching	• Traditional 2-way functionality is not supported. • Each switch must be installed as a separate 1-way switch. • Each switch must be connected to its own dimmable light circuit. (e.g., a ground floor switch and a first-floor switch become two independent one-way switches).
Minimum Load	• A minimum load of 20W is required on Channel 1. • Dimmable lights must be used. • Typically requires 4 or more 5W LEDs.
Features & Specs	• Channels: 3 independent channels (max 100 VA each). • Functions: On/Off switching (Via Mosfet) and Trailing edge dimming. • Energy Monitoring: Measures Active, Reactive, Apparent Power, and Power Factor. • Protection: Built-in thermal protection with auto-reset. • Works with 230V.





Introducing

Frame

Frame is one of three components of Tap, which comes in the following colours:

Metal Frames:



Brushed Stainless Steel



Brushed Brass

Plastic:



White



Custom Painted
w/ RAL code

Anodised Aluminium:



Pantone



Selected Colours

Launching 2026

Introducing

Tap Sonar

Sound and control, in perfect harmony.

Tap Sonar elevates the smart home by integrating a high-quality, built-in speaker with the intelligent control of Tap. Designed for larger rooms, this elegant module combines control of your lighting, energy, and environment with an extraordinary audio experience. Sonar transforms your light switch into a fully integrated sound system, eliminating the need to cut holes for ceiling speakers.

It streams directly from services like Spotify and works seamlessly alongside Sonos, creating a perfect harmony of sound and control.





Awards & Accreditations



The official mark for British manufacturers, certifying our adherence to the highest standards of craftsmanship, quality, and safety in Great Britain.

Certified



Corporation

The gold standard for ethical business. This rigorous certification verifies our company's commitment to the highest standards of social and environmental performance, transparency, and accountability.



reddot winner 2024

An internationally acclaimed award recognizing the most innovative and forward-thinking product concepts. Tewke's Tap was validated by a panel of global design experts.

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