

LED CONTROLS · EMUCA SMART RF

Wireless LED Switches & Sensors

Battery-powered wave, touch, motion and door switches that talk to a small receiver on the SMART driver, so there is no wiring to the switch.

TRANSMITTER + RECEIVER



RANGE

up to 8 m

BATTERY

500 mAh

CHARGING

USB-C 5V

PER CHARGE

≈700 on/off

RECEIVER

12–24 V DC

PROTECTION

IP20 indoor

Specification

Wave switch/dimmer	EM-5157217 · 5 cm, wave on/off, hold to dim
Touch dimmer	EM-5157317 · tap on/off, hold to dim
Motion sensor	EM-5157417 · 90°, 2 m, 30 s off
Door sensor	EM-5157517 · 5 cm, on when door opens
RF receiver	EM-5153620 · plugs into control port
Wired switch D21	EM-5157715 white · 5157717 black
D21 hole	Ø21 mm, panel ≥ 21 mm

Transmitter range	8 m (door sensor 5 m)
Receiver range	5 m
Radio	2.4 GHz
Mounting	Magnetic base on adhesive plate
Standby	Up to 18 months (switched off)
Receiver temp.	-10 to +40 °C
D21 load	Max 72 W (24V) / 36 W (12V)

Ideal for

Wardrobes

Kitchen worktops

Walk-in closets

Pantries

Bedside units

Display cabinets

Pairing

Transmitter → receiver → driver

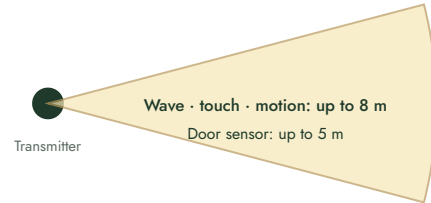


Pair: press A then B on the receiver; light flashes 3 times
Hold 10 s to unpair

Press A, then B on the receiver, then use the transmitter; the light flashes 3 times when paired.

Range

Indoor, line of sight



Keep transmitters within 8 m of the receiver (5 m for the door sensor). Metal panels can shorten the range.

Fitting in six steps

- 01 Fit the receiver**
Plug the receiver into the SMART driver control port.
- 02 Charge the switch**
Charge the transmitter by USB-C before first use.
- 03 Pair**
Press A then B on the receiver, then press or wave at the switch.
- 04 Stick the base**
Fix the metal base with its adhesive plate where you want the switch.
- 05 Mount the switch**
Place the switch on the magnetic base; lift it off to charge.
- 06 Test**
Check on/off and dimming from the final position.

Good to know

- No cable to the switch: ideal on glass, stone or finished panels.
- Turn the switch off to save the battery in storage.
- Hold the receiver button 10 s to unpair.
- The D21 is a wired push switch (on/off, no dimming).
- Indoor use only (IP20).
- Use with Emuca SMART drivers.

Choose your control

Each wireless switch is sold with a receiver; extra receivers and the wired D21 switch are also available.

Wave switch Touch dimmer Motion sensor Door sensor Extra receiver D21 wired



SCAN TO ORDER

Technical data from Emuca's published product information and installation instructions for SMART RF transmitters and receiver (51536, 51572–51575) and D21 switch (51577). Always check fit and wiring before final fixing. LED products must be powered by a suitable 24V DC (or 12V DC) constant-voltage driver. Emuca is a trademark of Emuca S.A.; ABJ Accessories is an independent UK stockist. Questions: info@abjaccessories.co.uk.