





TRANSMITTERS AND RECEIVERS

Remote control access is where security and convenience meet. Centurion Systems has a range to match your unique requirements, whether basic or advanced.



NOVA CODE-HOPPING TRANSMITTERS

Your remote serves as a digital gateway to your home, your world, your life. With CENTURION's acclaimed NOVA range of transmitters and receivers, this gateway is truly one-of-a-kind.

NOVA transmitters utilise cutting-edge code-hopping technology, ensuring that every transmitted code is entirely and randomly distinct from the previous one. This pivotal feature thwarts any attempts at unauthorised duplication or cloning of the remote, safeguarding your home and cherished possessions

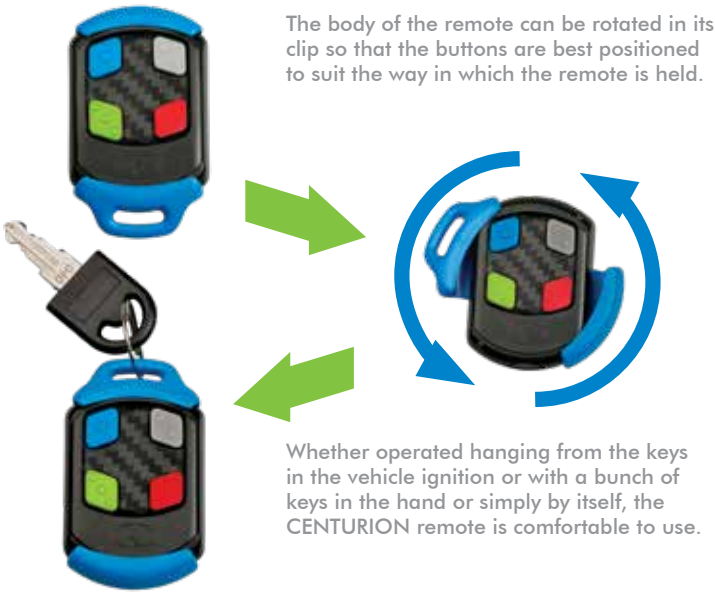


MAIN FEATURES

- **Experience Security, CENTURION Style:** Pressing a button on a standard transmitter might leave your home security system exposed, but with a CENTURION NOVA transmitter, it's like adding an extra layer of protection between you and potential intruders. That's the level of security we deliver.
- **Visible Battery Indicator:** Our CENTURION transmitters keep you informed. An integrated LED on the transmitter's face alerts you when it's time for a battery change. The user-friendly design makes replacing the battery quick and effortless. A simple rotation, a coin, and you're good to go. This is the kind of convenience that earns accolades!
- **Tailored Functionality:** Whether it's activating a single function like opening your gate or managing your entire home automation system, CENTURION offers a range of transmitters to suit your needs. From one to four buttons, and expandable to six with specific CENTURION receivers – available in one, two, or four channels.
- **Exceptional Immunity:** CENTURION receivers exhibit outstanding resistance to external interference, coupled with high sensitivity for optimal range. Open your gate from a significant distance with confidence. This equates to heightened security!
- **Built to Endure:** Engineered for outdoor use, our receivers and transmitters stand strong against the harshest of natural elements. Weatherproof and dust-proof enclosures, complemented by durable silicone buttons, ensure longevity through thousands of presses.
- **Airwave Dominance:** CENTURION receivers won't keep you waiting outside your gate. Our stable narrow-band technology guarantees enhanced reliability. One press of the transmitter button is all it takes. When a CENTURION transmitter speaks, the gate listens! No questions asked!"

TECHNICAL SPECIFICATIONS

Technical Data	NOVA Transmitters
Operating frequency	433.92MHz
Frequency stability	0.037ppm/C2/10ppm/year
Power source	GP23 12V Alkaline battery
Operating voltage	12V DC
Minimum operating voltage	5V DC
Operating current	7mA
Operating temperature range	-15°C to 50°C
Packaged weight (including battery)	38g
Packaging dimensions	Length: 37mm x Width: 28mm x Height: 61mm



NOVA HELIX SINGLE- AND MULTICHANNEL RECEIVERS

The CENTURION **NOVA HELIX** system incorporates code-hopping technology to offer the ultimate security in remote control. A unique, randomly-changing code is transmitted with each operation, making it virtually impossible to duplicate the system. The receiver uses self-learning technology, for quick and easy setup.

Single-channel receivers: Ultra-secure code-hopping technology to ensure that criminals can't learn their own remotes into your system.

NOVA HELIX single-channel receivers are ideal for activating a single function such as opening a gate or triggering a garage door operator.

Multichannel receivers: Up to four different activations with Centurion Systems' **NOVA HELIX** multichannel receivers. Open a gate for vehicles, for pedestrians, switch on a Pillar Light and activate Holiday Lockout Mode - all using a single receiver.



MAIN FEATURES

- Features secure code-hopping technology
- Receivers are self-learning, with either one, two or four channels
- Receivers incorporate stable narrow-band technology
- Highly robust dust-proof and weatherproof enclosures
- Excellent immunity to external interference for outstanding reliability
- High sensitivity delivers improved range
- Choose between ultra-secure Master learning and super easy Link Learning
- Learn Links can be disabled for added security
- Supports SmartSwitch II interfacing capabilities
- Convenient Autolearn feature
- Adjustable pulse time
- **Simple and secure:** Learning new remote buttons is an absolute cinch with the intuitive Link Learning Mode. Switch to Master Learning Mode for an even more secure system that ensures that provides an ironclad defence against unauthorised programming.. PLUS: all NOVA HELIX receivers support the ability to disable the function jumpers for even more security
- **Timed Autolearn:** The kids leave early for school, teenagers stay out late – it can be difficult to get all the remotes together in one place for programming. Unless you have a **NOVA HELIX**, that is. Simply set up the convenient timed Autolearn function, specify for how long it should remain active and let the **NOVA HELIX** automate remote learning for you! Multichannel receivers include advanced channel mapping functionality during Autolearn
- **Sticky Latch:** Sticky Latch functionality means that, in the event that power to the device is reset, when the power comes back on the outputs retain the state they were in prior to the power disconnect
- **A world of convenience:** All **NOVA HELIX** receivers support SmartSwitch II interfacing capability which means that, not only can outputs be safeguarded against tampering, the receiver can also be used to control up to 15 electrical devices such as gate motors, garage door motors, pool pumps, lights, etc. (SmartSwitch II devices act as the additional physical outputs)

TECHNICAL SPECIFICATIONS

Technical Data	Single-channel Receiver	Multichannel Receiver
Operating frequency	433.92MHz	
Supply voltage	12V – 24V DC	
Quiescent current @ 12V DC	11mA	
Maximum current @ 12V DC	40mA	
Operating temperature	-15°C to 50°C	
Humidity	0 – 90% (non-condensing)	
Sensitivity	-115dB	
Self-learning memory	62 buttons	250 buttons
Receiver enclosure	UV stabilised ABS	
Degree of protection	IP54	
Packaged weight	65g	145g
Packaging dimensions	Length: 78mm x Width: 58mm Height: 31mm	Length: 117mm x Width: 67mm x Height: 35mm

