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 how long it should remain active for, and let the **NOVA HELIX** automate remote learning for you! Multichannel receivers include advanced channel mapping functionality during Autolearn.

Sticky latch

No, this isn't what happens when you handle your remote after eating a PB and J sandwich. 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

General data

	NOVA
Frequency	433MHz
Coding	Code-hopping
Transmitter models	1, 2 and 4 button
Receiver models	1, 2 and 4 channel
Receiver self-learning memory	
One-channel	62
Two-channel	250
Four-channel	250

Transmitter

	NOVA
Frequency stability	0.032ppm/°C 10ppm year
Operating current	17mA
Minimum operating voltage	7V DC
Operating temperature	-15°C to +50°C
Weight with battery	38g (packed)
Battery type	GP23 12V

Receiver

	NOVA HELIX single-channel receiver	NOVA HELIX 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 - 50°C	
Humidity	0 – 90% (non-condensing)	
Sensitivity	-115dB	
Self-learning memory	62 buttons	250 buttons
Receiver enclosure	UV stabilised ABS	

CENTSYS

SABS Design Institute AWARDS 2002 INDUSTRIAL

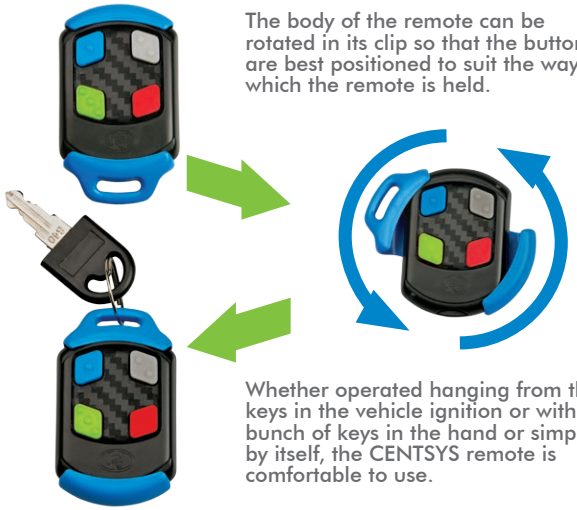
NOVA

NovaHelix receiver

A NEW FEELING OF RELIABILITY

Award-winning ultra-secure code-hopping remote control

Tel: 1300 CENTSYS (1300 236 879)
email: info@centsys.com.au
E&OE. CENTSYS Systems (Pty) Ltd reserves the right to change any product without prior notice



The body of the remote can be rotated in its clip so that the buttons are best positioned to suit the way in which the remote is held.

Whether operated hanging from the keys in the vehicle ignition or with a bunch of keys in the hand or simply by itself, the CENTSYS remote is comfortable to use.

NOVA

Now compatible with the ultra-secure, super-advanced HELIX range of receivers! True peace of mind is at your fingertips.

Your transmitter is more than a collection of electronics and buttons.

It is a digital key into your home, your world, your life – and with CENTSYS's award-winning **NOVA** range of transmitters and receivers, that key is completely unique.

NOVA transmitters offer code-hopping technology, meaning that each code that is transmitted is totally and randomly different to the last code transmitted. This prevents unwanted copying or cloning of the remote itself, and helps keep your home and belongings safe.

Why settle for just convenience or just security when you can have both?

MAIN FEATURES

Security: CENTSYS style

While pressing a button on a lesser transmitter might exploit your home security system's vulnerabilities, pressing a CENTSYS **NOVA**'s button is like putting an extra wall between you and would-be intruders. That's how secure it is.

Visible Battery-low indication

With CENTSYS transmitters, you'll never be caught off-guard. Thanks to an integral LED on the face of the transmitter, you'll be notified when it's time to change its battery, and the remote's clever, user-friendly design makes battery replacement quick and easy. To replace the battery, simply rotate the inner casing, remove from the outer clip, and use a coin to prise apart the inner casing to expose the battery. That's the kind of convenience that wins awards!

Functionality at your fingertips

Whether you want to activate a single function, like opening your gate, or control your home's entire automation system, there's a CENTSYS transmitter for you. CENTSYS transmitters are available with one to four buttons and can even be increased to six buttons with certain CENTSYS receivers – available with one, two or four channels.

Excellent immunity

We don't need to send our receivers to have their shots – they're already immune! CENTSYS receivers boast excellent immunity to external interference, as well as high sensitivity, which means that you get optimum range and can open your gate from a long way away. That translates into better security!

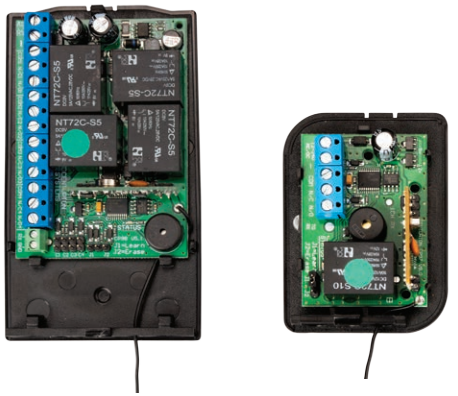
'The strength of many'

Our receivers and transmitters are like body-building astrophysicists: tough and durable on the outside to protect the intelligence within. Designed for outdoor use and built strong to withstand the very worst of Mother Nature's onslaughts, both the receivers and transmitters boast weatherproof and dust-proof enclosures, and their stylish, durable silicone buttons are designed to last for thousands of presses!

Ruler of airwaves

CENTSYS receivers won't leave you begging outside your gate like a scolded puppy. With stable narrow-band technology for improved reliability, one press of the transmitter button is all it takes. When a CENTSYS transmitter speaks, the gate listens! No questions asked!

NOVA HELIX receiver



NOVA HELIX is a range of single- and multichannel radio receivers incorporating secure code-hopping technology. The **NOVA HELIX** system offers both link and master learning capabilities to provide the user with the ultimate in usability and security and the technology inherent in all HELIX receivers ensures that the functionality goes well beyond the scope of standard receivers, literally putting unsurpassed convenience at the user's fingertips. In addition, the system supports backward compatibility with the **NOVA** range of transmitters, meaning that there is no need to purchase
additional equipment if presently making use of **NOVA**.

MAIN FEATURES

Simple and secure

Learning new remote buttons is an absolute cinch with the intuitive Link Learning Mode: it's easy enough for Mom, Dad, Gramps and the kids to master! And speaking of "master", switch to Master Learning Mode for an even more secure system that ensures that unauthorised individuals wanting to learn in their own remotes will have a very, very hard time. PLUS: all **NOVA HELIX** receivers support the ability to disable the function jumpers for even more security.