

SUPA

NOVA

**SUPA-NOVA is a
programmable
receiver
for remote control
access systems.**

**It offers a cost effective and
simple way of organising a
complex, multi-user installation.**

FEATURES & BENEFITS

- Fully compatible with current NOVA range - it can be used in both new and existing installations.
- Self learning receiver - makes the system very quick and easy to set up.
- Code hopping technology offers the ultimate security in a remote control.
- Selectively add and delete users - gives greater security in a complex multi user installation.
- Up to 1000 users in 1000 groups - powerful system at an affordable price.
- 3 channel receiver with the option of a latching or pulsed output on each channel - for greater flexibility.
- Programming console is separate from the radio receiver - allows one to optimise the reception performance of the receiver while the programming console is mounted in a secure and convenient location.
- Back-up memory module with optional master group - guarantees data security.
- Optional SMART switch - for tamper proof outputs and increased security.
- Diagnostic information - makes the system more user friendly.



SELF-LEARNING MULTI-USER RECEIVER

SUPA NOVA

SUPA-NOVA RECEIVER

The **SUPA-NOVA** receiver system is made up of multiple components. There is the radio receiver module housed in a weatherproof enclosure for external mounting, ensuring optimum reception. The programming console is also supplied in a weatherproof enclosure, designed to be mounted in a secure and convenient position. Also included in the kit is a single plug-in back-up memory module.

The programming module has three open collector outputs and the system would require no additional interface when triggering most negatively pulsed systems.

An optional relay switch card can be connected to any of the open collector outputs to provide a "non secure" N/O and N/C dry contact.

Alternatively the optional SMART switch card uses a coded signal between the programmer and the device which it is operating to ensure a secure link. There is both a N/O and N/C dry contact in the output.

The programming console has a 3 digit display and four pushbuttons for programming the system.

Users can be selectively added and deleted from the system without affecting any other users already stored.

The system allows two methods to manage all the users:

1. All users in a specific unit within the complex can be stored in a group. For easy identification the group number would correspond to the unit number. Using this method, 1000[†] users can be entered into the system, in up to 1000 groups.
2. Each user has a unique group number, which must be recorded. This method allows 1000 users to be entered into the system.

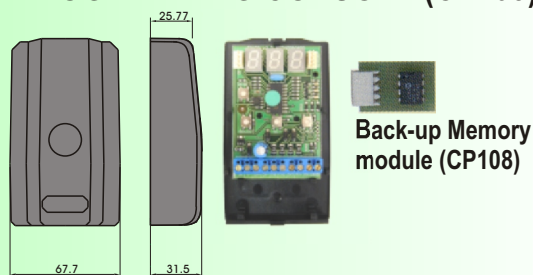
Each channel can be programmed to be latching (activate an alarm system or switch on perimeter lighting) or pulsed (operate a gate motor or similar access automation device). Any transmitter button can be programmed to operate any channel.

The programming console supports a plug in memory module, which is used to back-up all the information stored in the system. There is also a master group which can be used to restrict access to programming functions.

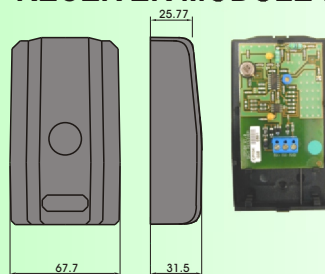
The digital display indicates the group number of the transmitter currently being used. It also provides an indication when a signal from an unauthorised transmitter has been received. This allows confirmation that a transmitter is functioning, but has not been learned into the system. LEDs also indicate the status of each of the three channels. In addition the digital display will indicate a flat battery status on any transmitter that has been learned into the system.

CODE	DESCRIPTION
Rx_	SUPA-NOVA receiver kit - which includes: 1. Programming console with three output channels (capacity - 1000 users [†] in 1000 groups) 2. Separate radio receiver. 3. Back-up memory module (CP108)
[†] A user is equivalent to one button on a transmitter. I.E. if three buttons of a NOVA 3 button remote are coded, that will use 3 positions or users in the memory.	

PROGRAMMING CONSOLE (CP103)



RECEIVER MODULE (CP104)

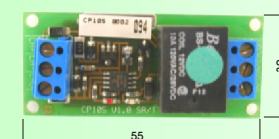


TECHNICAL SPECIFICATIONS

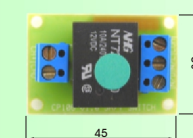
OPERATING FREQUENCY	433 MHz (SAWR) stabilised)
SUPPLY VOLTAGE	12V AC/DC
MAX OPERATING CURRENT	150mA
SENSITIVITY	-95dB
FREQUENCY STABILITY	0,037ppm/°C2 10ppm/year
HUMIDITY	0-90% non condensing
OPERATING TEMPERATURE	-15°C to 50°C
OUTPUT CHANNELS	3 open collector
CONTACT RATING, SWITCH CARDS	3A Resistive
MAXIMUM CABLE LENGTH BETWEEN COMPONENTS	250m (preferable screened)
WEIGHT (PACKAGED)	180 grams

*All physical dimensions in mm

Optional SMART switch card (CP105)



Optional relay switch card (CP106)



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