Learning the transmitter(s) for pulsed operation:

1. The operator is triggered, indicating that the transmitter clearly as “master transmitter” as it must memorize the NOVA remote transmitter’s unique code as described in the following procedures.
2. The red LED will now illuminate.
3. Press the required button on the NOVA receiver.
4. Once the LED has confirmed that the transmitter button has been learned, remove the jumper from the respective receiver, or visit www.centsys.co.za to view or download a copy.
5. Your transmitter will now activate the receiver, and your system is ready for use.

IMPORTANT NOTICE: When learning a transmitter into the SUPA NOVA multi-user receiver, the transmitter button can only be learned if the button number matches the channel number of the receiver, i.e., button one of a transmitter into a single channel or multichannel NOVA receiver, the transmitter button can only be learned if the button number matches the channel number of the receiver.

For instructions on setting latching operation and erasing the receiver memory of a single or multichannel NOVA receiver, please refer to the instructions provided with your respective receiver, or visit www.centsys.co.za to view or download a copy.

1. Single and multichannel NOVA receiver

Learning the transmitter(s) for pulsed operation:

1. Open the receiver unit. Ensure that the jumper is not bridging J1 or J2. Store the jumper on one of the pins.
2. Press and hold any NOVA transmitter button down for at least five seconds.
3. The red LED will now illuminate. If you need to learn further buttons or `open the receiver unit. Ensure that the jumper is not bridging J1 or J2. Store the jumper on one of the pins.
4. The red LED will now illuminate.
5. The transmitter clearly as “master transmitter” as it must memorize the NOVA remote transmitter’s unique code as described in the following procedures.
6. Press the required button on the NOVA receiver.
7. Once the LED has confirmed that the transmitter button has been learned, remove the jumper from the respective receiver, or visit www.centsys.co.za to view or download a copy.
8. Your transmitter will now activate the receiver, and your system is ready for use.

IMPORTANT NOTICE: When learning a transmitter into the SUPA NOVA multi-user receiver, the transmitter button can only be learned if the button number matches the channel number of the receiver, i.e., button one of a transmitter into a single channel or multichannel NOVA receiver, the transmitter button can only be learned if the button number matches the channel number of the receiver.

For instructions on setting latching operation and erasing the receiver memory of a single or multichannel NOVA receiver, please refer to the instructions provided with your respective receiver, or visit www.centsys.co.za to view or download a copy.

1. NOVA Voyager receiver

Learning the master transmitter:

1. Open the receiver unit. Ensure that the jumper is not bridging J1 or J2. Store the jumper on one of the pins.
2. Press and hold any NOVA transmitter button down for at least five seconds.
3. The red LED will now illuminate. If you need to learn further buttons or `open the receiver unit. Ensure that the jumper is not bridging J1 or J2. Store the jumper on one of the pins.
4. The red LED will now illuminate.
5. The transmitter clearly as “master transmitter” as it must memorize the NOVA remote transmitter’s unique code as described in the following procedures.
Learning additional transmitter buttons:
1. Press any button on the master transmitter for at least ten flashes of the red LED. If the receiver is not visible, count at least ten seconds. After at least ten seconds, release the master transmitter button (The receiver will not enter learn mode if this button is pressed for more than twenty seconds).
2. The receiver is now in learn mode, and will remain so for ten seconds. The red LED will remain on during this time.
3. Press the required button on the NOVA transmitter during this time and it will be learned into the NOVA VOYAGER’s memory. Each time a button is pressed, the learn time is extended for another ten seconds.
4. Ten seconds after the last transmitter button has been pressed, the red LED will turn off, indicating that the NOVA VOYAGER receiver has exited learn mode.

Erasing the NOVA VOYAGER receiver memory:
1. Bridge pins J1 or J2 with the jumper provided.
2. The red LED will flash eleven times. (Removing the jumper during this time will cancel the erase operation).
3. After eleven flashes, the red LED will remain on.
4. Remove the jumper to completely erase the receiver memory.

Procedure to create a new master transmitter:
1. The master transmitter can be identified by looking at the red LED when pressing any transmitter button on the master transmitter. The red LED will give one long flash, followed by one short flash to indicate a master transmitter.
2. If the master transmitter is lost, the only way to add more transmitters is to first erase the receiver’s memory, and then learn in a new master transmitter. Unfortunately, all existing buttons will need to be re-learned.

Instructions to replace the NOVA remote transmitter battery:
1. Rotate the inner casing, as shown in Figure 1, and remove it from the outer clip (Figure 2).
2. Using a coin, separate the two halves of the case as shown in Figure 3.
3. Replace the battery with type GP23 or similar.
4. Pay attention to the battery’s positive and negative terminals ensuring that the new battery is correctly inserted (See Figure 4).

NOVA remote transmitter technical specifications:
- Operating frequency: 433.92Mhz
- Frequency stability: 0.037ppm/C2/10ppm/year
- Power source: GP23 12V alkaline battery
- Operating voltage: 12V DC
- Transmitting voltage: 3V DC
- Output current: 7 mA
- Transmitting range: 500 Meters (Stability: 50ppm/year) (Mass including battery: 38 grams)
- Transmit indication: Green LED
- Operating temperature: -15°C to 50°C
- Dimensions (LxBxH): 59mm x 35mm x 16mm
- Mass: 38 grams

FCC information to users:
USA and Canada only – where a FCC ID number is inscribed on the transmitter, the following information is applicable to users:
- FCC Label @ FCC 15.21 and 15.105
For Class B – Unintentional radiators:
This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications, however, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Warning to users @ FCC 15.21 & 15.105
Changes or modifications not expressly approved by CENTURION SYSTEMS (Pty) Ltd. could void the user’s authority to operate the equipment.

FCC Label @ FCC 15.19
For Class B - Unintentional radiators:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation of the equipment.

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