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DATE: 2-Mar-2023



## **Wireless Handset (NEC-05M): RF Technical Operation**

NEC-05M is a wireless handset for emergency use to work with a monitor or a receiver or a system. It uses the OOK modulation with a carrier frequency at 433.92MHz for signalling.

It simply operates as below:

1. Pressing the “CALL” button to send a RF signal to a receiver or a monitor to make an alarm for normal help.
2. When the normal call is served, a “Cancel” RF signal can be used to reset the alarm by pressing the “R” button.
3. When the emergency call is activated by sliding the side switch down, an emergency signal is sent to the receiver or the monitor.
4. By pushing the slide switch up, it sends a reset signal.

## **RF exposure statements**

This equipment complies with FCC radiation exposure requirement set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Operate Frequency Bands : 433.92MHz

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Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, 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 instructions, 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.