



Notefie Wireless LoRaWAN Nurse Call Devices Datasheet

Product Overview

Notefie wireless nurse call devices designed for hospitals, clinics, aged-care facilities, and assisted-living environments. The range supports LoRaWAN Class A communication, long battery life, NFC configuration, and flexible installation options for reliable patient assistance alerts.



Clipsal Version LNC1003



Waterproof version LNC2003



Pendant version LNC1002

Communication & Wireless Performance

Feature	Specification	Benefit
Wireless Protocol	Supports LoRaWAN Protocol Class A	Enables reliable long-range wireless communication with low power consumption
LoRaWAN Mode	OTAA / ABP, Class A	Provides flexible and secure network activation options for different deployment needs
Transmission Range	Up to 2 km in urban areas	Covers large healthcare facilities, wards, corridors, and multi-room environments
Transmit Power	22 dBm	Improves signal strength and communication reliability in complex indoor layouts

Battery & Power

Feature	Specification	Benefit
Power Supply	2× AA or 2× AAA batteries	Uses widely available batteries for easy replacement and maintenance
Battery Life	≥ 2 years	Reduces maintenance frequency and helps ensure continuous device availability
Power Consumption	Ultra-low power consumption	Extends battery life and supports long-term unattended operation
Max Current	150 mA	Supports stable performance during wireless transmission
Sleep Mode Current	4 µA @ 3.3 V	Minimizes standby energy use when the device is not active

Configuration & Installation

Feature	Specification	Benefit
Configuration Method	Configuration via NFC	Allows quick setup without opening the device or using wired connections
Cloud Services	Flexible cloud service support	Supports scalable monitoring, alert management, and system integration
Mounting Options	Wall screws or 3M adhesive, depending on call point type	Provides flexible installation options for different surfaces and room layouts

Physical & Environmental

Feature	Specification	Benefit
Housing Material	ABS plastic	Offers a lightweight, durable, and easy-to-clean enclosure
Waterproof Rating	IP54 for waterproof models	Provides splash and dust resistance for demanding healthcare environments
Clipsal Call Point	75 × 116 × 14 mm	Slim wall-mounted design suitable for standard call-point locations
Waterproof Call Point	79 × 126 × 21 mm	Robust form factor suitable for higher-exposure areas
Hand Pendant	61 × 100 × 17 mm	Compact and ergonomic design for portable patient use
Operating Temperature	−30°C to +70°C	Ensures reliable operation across a wide range of environmental conditions

Key Features

- **Long-Range Connectivity** LoRa communication for reliable facility-wide coverage
- **Low-power design** ensures multi-year battery life
- **Rapid device setup** via NFC for efficient commissioning
- **Flexible installation** suited for patient rooms, bathrooms, hallways, and mobile use
- **Cloud-ready architecture** enables scalable healthcare system integration