

NUHS14B Series 14 Button Bedside Handset Data Sheet

Models NUHS14B-H and NUHS14B-HK

Features

- Attractive ergonomic design, lightweight, and robust
- Connects to the NUBM-series bedside modules with the Ascom SafeConnect plug
- Suitable for use in oxygen-enriched environments
- Built-in speaker and microphone
- Large backlit call button with a reassurance light and three raised dots to aid the visually impaired
- Two backlit light switch buttons for controlling room lights
- Service button for routine, attendant calls
- Sun blind controls for controlling window shades
- Built-in flashlight so no need to disturb others by turning on room lights
- Integrated radio/TV control buttons and a jack socket for audio
- IP65 rated, silicone face cover for easy cleaning



Description

The NUHS14B bedside is an attractive, lightweight, and ergonomically efficient device that makes it easy for users to control room and entertainment functions, as well as call for emergency help or general assistance right from the bed.

The handset features a large Call button that users can press when needing help. The button is backlit with an LED so that users can quickly locate it in low-light environments. It also displays a reassurance light when it is in use. The button features three raised dots to help visually impaired users identify it. Users can use the built-in speaker and microphone to communicate with staff when pressing the Call button.

The handset includes two, light switch buttons. The first button controls the bed's reading light; the second button controls the room light. Both buttons are backlit for locating them in the dark. The handset also comes equipped with a Service Call button, used for routine calls to attendants, as well as a flashlight and two Sun Blind control buttons.

The Sun Blind buttons work with the NUSB Sun Blind interface module, allowing users to raise and lower window shades from the bed.

The NUHS14B handset contains TV controls and an FM radio receiver. The handset's cable serves as the radio's antenna. The handset's infrared TV controller works like most commercial TV remote controllers. Users can use the Channel Selector, Volume Control, TV Selector, Radio Selector, and the Radio/TV Off buttons to control TV and radio operations. Both the TV and the radio have unlimited channel ranges, while the radio can also be programmed with eight favorite channels that users can access with the Channel Selector buttons.

Sound is broadcast through the built-in speaker in the handset, or through a head-phone plugged into a jack on the handset cable. The TV's IR protocols and other settings are stored in the handset and each handset is programmed using the WinPDM tool.

The NUHS14B handset includes a magnetic Ascom SafeConnect plug that attaches to the NUBM-series bedside modules.

The handset meets the IP65 rating standard and is suitable for use in oxygen-enriched environments. Its face is covered with a silicone membrane for easy cleaning. In addition, the handset can be affixed to the bed using the optional linen clip, or cradled in an optional handset parking bracket mounted to a wall.

Specifications

Electrical rating	Input: 5.5VDC Current consumption: Idle: 6mA Max: 90mA
Connection cable	Flexible 11-core, Length 3m (9.8ft.)
Electrical connections	1 x Ascom SafeConnect plug 1 x Stereo jack socket Ø = 3.5mm (0.14in.)
Dimensions (L × W × D)	151 × 53 × 22mm (5.95 × 2.1 × 0.87in.)
Weight (with cable)	283g (8.4oz.)
Enclosure material	PC/ABS body with a silicone membrane, enclosure rated UL94-V0
Color	White (NCS 0603-G80Y)
Button colors	Red: (NCS S 0580 - Y90R) Amber: (NCS S 2070-Y50R) Gray: (NCS S 2005 - R80B) Orange (NCS S 2070-Y50R) (UK only)
Model variations	Global: NUHS14B-H (red Call button) United Kingdom: NUHS14B-HK (orange Call button)
Microphone	Electret
Speaker	8 ohm, Ø = 28mm (1.1in.)
Sound (radio/TV)	Mono in handset, stereo with headphones
TV IR protocols¹	Factory defaults stored in the EEPROM of the microprocessor, set up and changed using the WinPDM tool
FM radio receiver	Single-chip tuner, stereo audio output. FM band 88-108MHz Sensitivity 1.7 µVEMF. Eight pre-programmed channels that can be changed by the user. Antenna: handset cable
Environment	Operating temperature: 0°C to 50°C (32°F to 122°F) Storage temperature: -25°C to 55°C (-13°F to 131°F) Relative Humidity: 0 to 95%, non condensing at 40°C (104°F) Enclosure protection rating: IP65 Suitable for oxygen-enriched environments
Software compatibility	Telligence 5.0 and later
Hardware compatibility	NUBM Bedside Module with active bus, full function NUBM Bedside Module w/ passive bus, limited function (Call button, bed lights)
Regulatory compliance	The following complies with the relevant dates and amendments of all the following standards (valid references to dates and amendments are stated in the Declaration of Conformity): IEC 60950 CB, IEC 62368 CB, EN 55024 (CISPR24) Class B, EN 55032 (CISPR32) Class B, RoHS, REACH, VDE 0834, HTM 08-03 ANSI/UL 1069, ANSI/UL 2560, CAN/CSA C22.2 No. 205, FCC part 15B, ICES-003 AS/NZS CISPR24/32, AS/NZS 3811
Accessories	Linen Clip (P/N R414207) Handset Parking Bracket (P/N 660380)

¹Ascom, Inc. cannot guarantee that at the time of the device's release, the TV control definitions available are compatible with all TV models. You should first test the handset's full TV control function on the desired TV model (brand).