



NDIS/SDA TYPICAL LOW COST COMMUNICATION SYSTEM

MODEL - BLUELINE-02-SDA-4G



REMOTE SUPPORT

CARER'S APARTMENT



SELECTION OF OPTIONAL COMMUNICATION DEVICES
Perhaps only a mobile phone will suffice

A RESIDENT'S APARTMENT



OVERVIEW DESCRIPTION

The prime objective of an SDA/NDIS Communication System is for Residents to be able to immediately inform the duty Carer of the need for assistance. This is a 24/7 requirement irrespective of the whereabouts of the Carer.

APARTMENT COMMUNICATIONS CONTROLLER

This BlueLine-ISM-SDA-02 system provides both SMS Data and two-way loud-speaking voice communication between the Resident and the Carer irrespective of the whereabouts of the Carer. This is achieved via the Resident's wall mounting Communications Controller (Model W-SDA-COM-01).

The Carer may prefer to use a Tablet or a Telephone Handset within the Carer accommodation and/or preferably receive the calls on their mobile phone. All possibilities exist and the system can be programmed to make a series of multiple on-site and/or off site calls until answered.

Although Controllers are designed to provide a choice of PSTN, IP and Wi-Fi the system is defaulted to use the 4G GSM wireless network.

An Active SIM Card is included with a start-up level of credit service. This is because the supplier may require remote access in order to provide set-up or ongoing assistance if necessary.

WIRELESS TRIGGER DEVICES & TWO-WAY VOICE COMMUNICATION

In addition to the Console's Red Help Button all call-traffic will be triggered via portable (wearable) and/or fixed wireless pendants or call points.

In order to accommodate a wide range of optional accessories up to 8 separate wireless devices may be paired into each Controller. Pendants are waterproof to IP 68 and have replaceable long life Batteries. The pendant range also includes a Falls Detection version.

GENERAL VOICE COMMUNICATION

In addition to triggering voice-to-voice communication via the Consoles' Red button or a wireless trigger event, it is also possible for the Resident to call the Carer by pressing the Console's blue button. Similarly the Console's 'chat-line' can be programmed to accept selected and pre-announced incoming calls in two-way loud-speaking mode.

In addition to fixed location wireless call-points there is also a range of sensors including Smoke, Gas, Magnetic Door Reed, Passive Infrared and various medical monitoring accessories.

BLUELINE-02-SDA-4G SYSTEM COMPLIES WITH COMMUNICATION SYSTEM CLAUSE 23.2 OF NDIS SPECIALIST DISABILITY ACCOMMODATION DESIGN STANDARD 25-10-2019

[SEE RANGE OF ALTERNATIVE SYSTEMS OVER PAGE](#)

Specifications and Illustrations subject to change without prior notice



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COMMUNICATION SYSTEMS FOR SDA/NDIS ACCOMMODATION ISSUE 2 - 24-05-2022

1. SCOPE

Wide ranging concepts & solutions. From the four official NDIS categories within the SDA/NDIS accommodation guidelines it is only the “High Physical Support” level that specifies the need for the Disabled Resident to be given the ability to use Assistive Technology in order to communicate with the site Carer. However, it will be seen that it can cost extremely little extra for the Developer to provide the Resident with the ability to communicate irrespective of site classification. Following is a brief introduction to the range of five SDA solutions starting with the above-mentioned low-cost solution.

1.1 BLUELINE-05-SDA-PAGING

A low-cost solution for all SDA sites. The [05] version costs less than \$250.00 (GST Exempt) per bedroom (based on a typical 4-bedroom site) to provide a 24/7 communication capability to the Carer who may typically be anywhere on the site. Using long range professional wireless Paging (as used in Hospitals) this system therefore offers a highly desirable facility for an amazingly low investment. It needs no installation, is totally flexible and would certainly provide a major marketing advantage over competitive SDA sites that do not provide such important facilities. [See the BlueLine-05-SDA brochure here.](#)

1.2 BLUELINE-04-SDA-DHHS

A Victorian Government Preferred solution. This model contained in a smart wall mounting cabinet also uses wireless, in this case ISM (Industrial, Scientific and Medical) Long Range wireless. It is also supplemented by a hard-wired both-way intercom speech path between each SDA bedroom (or apartment) to the Carer’s room. It also uses a Paging system to the Carer in order that he/she can be aware of a call-in-progress requiring attention. [See the BlueLine-04-SDA-DHHS Brochure here.](#)

1.3 BLUELINE-03-SDA-ISM

A popular plug-and-play wireless solution. This is a purpose-built system that will control an Annunciator Display and/or a mobile Pager. Because it is a plug-and-play wireless system there is very little need for installation, particularly as the Head-end is delivered ready for action in a wall-mounting cabinet. [See the BlueLine-03-SDA-ISM Brochure here.](#)

1.4 BLUELINE-02-SDA-4G

Multitasking system via 4G Internet. This is a system with a difference. It provides text messaging direct to the Carer’s mobile phone plus loud-speaking two-way voice contact from either direction at any time. Each of the Resident Apartments would have a special wall mounting console with integral speaker and microphone plus access to the 4G GSM network. Portable and mobile wireless devices communicate to the console via ISM long range wireless and it uses the 4G wireless network thereafter. There is no need for cabling and there is no need for equipment in the Carer’s room other than the Carer’s mobile phone on his/her person. [See the BlueLine-02-SDA-4G Brochure here](#)

1.5 BLUELINE-01-SDA-IP (or ISM)

Top of the range system with wide ranging options. This solution is computer controlled and accordingly can accommodate an extremely wide range of options. It is therefore particularly suited to large or complex SDA applications. It is designed to suit hard-wired IP (Internet Protocol) or ISM Long Range wireless applications but like all of the other systems it uses wireless where necessary such as needed from the Resident’s wheelchair. [See the BlueLine-01-SDA-IP-ISM brochure here.](#)

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