



# NDIS/SDA TYPICAL LOW COST COMMUNICATION SYSTEM

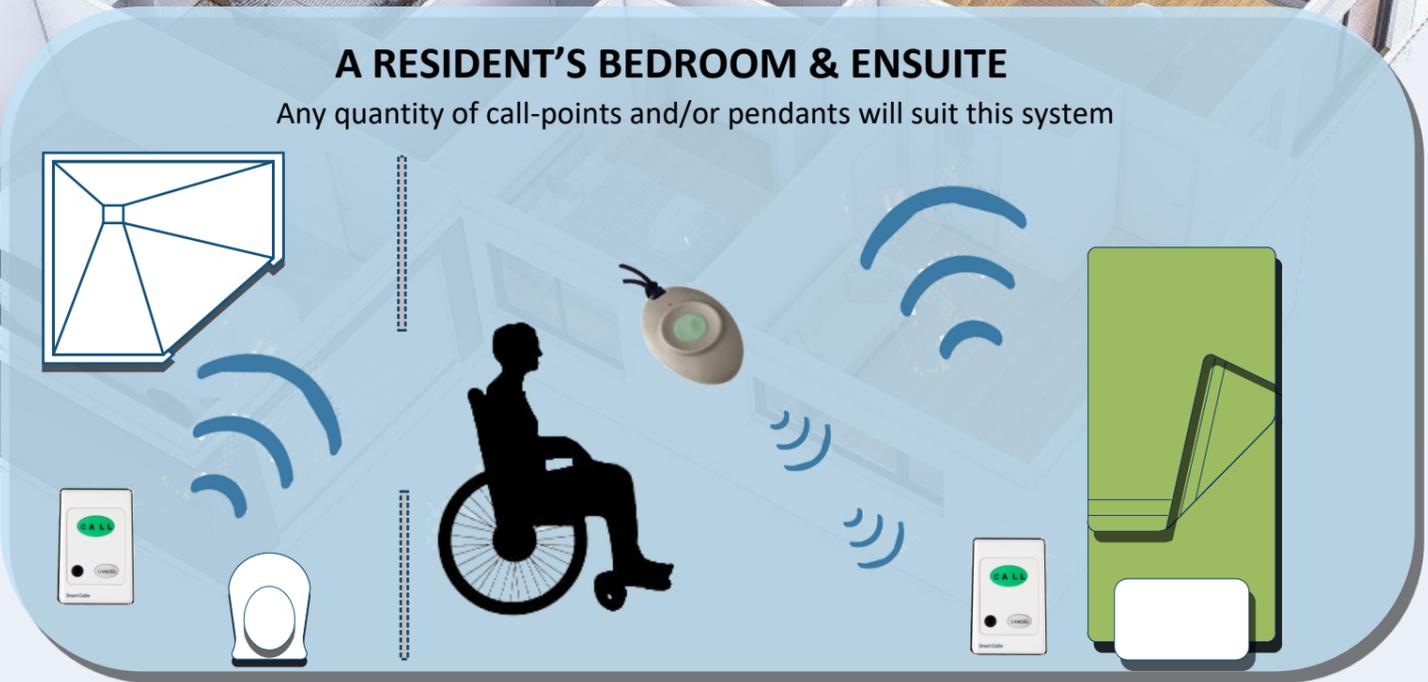
MODEL - BLUELINE-ISM-SDA-03



REMOTE SUPPORT



Above  
Some off-site  
Optional Items



**OVERVIEW DESCRIPTION**

Being one of many Smart-Caller SDA communication solutions, this low cost BlueLine-ISM-SDA-03 version is intended for typically 2 to 4 bedroom purpose-built SDA houses. The system is completely scalable from a single wireless pendant for each Resident to perhaps additional call-points as shown above.

Using Australian designed and manufactured products intended for PERS (Personal Emergency Response Systems) these products and techniques are in professional use in Health and Age Care Facilities throughout Australasia.

This system requires no cabling whatsoever as its one or two Call-Points and the waterproof wearable pendant uses long life batteries which after typically 3 to 6 years will automatically report a low battery threshold. The standard push-in button batteries are easily replaced. It is also possible to reticulate 12v dc if battery operation is not preferred.

The system head-end equipment is located in the Carer's office or Sleep-Over and is wall mounted. It includes battery back-up.

The wireless call system uses a protected wireless band known as ISM (Industrial, Scientific & Medical) and the need for wireless repeaters is not a likely requirement for this sized SDA site but are available if necessary.

**TYPICAL OPTIONS & ALTERNATIVES**

As shown above both the Annunciator Display and Portable Alphanumeric Paging system are typical system inclusions each of which can be deleted or replaced by other forms of communication. A loud sounding tone generator may be used.

Where 24/7 on-site Carer Support is not provided alternative equipment configurations or another of the BlueLine-ISM-SDA systems will satisfy those specific SDA communication requirements.

For example, the inclusion of a mini-computer device allows SMS text messages to mobile phone/s or perhaps to communicate with a Monitoring Centre. The computer control also allows the ability to email scheduled performance reports. Major building projects such as the 1-10 SDA Apartment or Hotel sites would normally use the alternative Smart-Caller IP-SDA hard-wired system.

**ACCESSORIES**

In addition to plugging an over-bed cord pendant into the call-points there is a wide range of compatible wireless accessories that may be applied from the outset or at some future time where necessary to support the equally wide range of disabilities.

**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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