

Surface mountable callpoint and annunciator station with latching call buttons and for use with Austco nurse/staff Call systems to activate calls or to display calls active for other areas.

Visually and audibly announces alarms/calls by means of a 2 line text message display and coloured LED lights depending on priority plus alarm/call alert tones as output by the nurse/staff station or controller. The text messages, colours and tones are programmable as part of the nurse/staff station or controller programming.

Provides for seven different colour plus tone priority levels of message annunciation. Display LED colours mimic the room Over Door Lights. Typically these call levels are:

Green	- Low
Amber	- Medium
Red or Blue	- High

Provides selectable sets of priority driven audio alarm/call tone alert sequences including an AS 3811 compliant sequence.

The CPS-xDUTY provides:

- A two line (16x 6 mm high character per line) backlit LCD display;
- Two callpoints, one being typically Staff Presence;
- Call sounder with mute control;
- Intercom/PA speaker and microphone;
- Ethernet or RS485 display message communications;
- 4 colour LEDs to indicate call priorities;
- Ethernet-based option configuration setup (similar to AN-PD1).

Manufactured of a white polycarbonate ABS blend of unbreakable plastic with a snap on cover to conceal the fixings and "commissioning time" adjustment.

The button caps are manufactured of silicone rubber with an anti-bacterium additive. All buttons are backlit for easy identification and operation at night. All backlighting and reassurance lights are solid state LED type for long life maintenance free operation.

The LCD display can be continuously active or it can be activated and de-activated by the operation of one or both of the callpoint buttons thus enabling silent operation when not required.

Button caps can be changed to cater for different button functions and indicate the call type to staff and patients.

Cancelling the call is done by pressing the illuminated Cancel button.

Multiple messages are stored and displayed in 2 sec interval rotation. Alternatively a configuration option or command sent through the data port can lock out low priority messages display until higher priority messages are cancelled.

Audio alarm tones are mutable via a mute button or a mute command sent through the display bus data port while still maintaining the visual display of the call location. Muting cancels automatically after 120 seconds.

Day/Night mode of operation is controlled via commands sent through the Ethernet or serial RS485 display bus input port to soften the alarm tones.

The CPS-1DUTY Interfaces to Austco's CCA-ODL8 and MC-HUB callpoint controllers via 8-way modular connectors and cables. Convenient in-and-out connectors are provided for easy parallel installation of multiple callpoints in a daisy chain fashion into a single common room controller input.

The CPS-2DUTY interfaces with the CCG-8/CCA-8 callpoint controllers. Operates with all Austco intercom capable systems via the in-built speaker/microphone.

Fits onto standard single or multi-gang Australian, British or North American wall box.

Typical power consumption is 80 mA in standby from 12V and up to 225 mA during an intercom call.

Designed to comply with:

- AS 3811 Hard-wired patient alarm systems for hospitals.
- HTM Bedhead services.
- UL1069 Hospital Signalling and Nurse Call Equipment
- BS EN 60601.1, CSA 601-1-M90 &
- UL 2601.1 Medical Electrical Equipment. General Requirements for Safety.



Manufactured in general accordance with the requirements of international quality assurance standard ISO9002.

Dimensions & Specifications

Height:	118 mm (Australian Plate)	Depth:	28 mm
Width:	176 mm (Australian Plate)	Weight:	455 grams
Mounting Method:	Wall Box	Wall Box size:	Australian or North American Single-Gang and round European ELKO 5421
Temperature:	-20... 50 C	Humidity Range:	0...85% Non Condensing
Connectors:	RJ45 socket for CAT5 Ethernet RJ45 socket for High level call RJ12 socket for 2nd level call 6-way screw terminals for additional +12V power if required RS485 and external enable control	Cable Sizes:	Power: 2 core 1 mm ² (AWG 17) max Callpoint controller: 4 pair CAT5 3 pair 1/0.5 Ethernet : CAT6 or CAT5 RS485: Belden 9841 data or equivalent
Current Consumption:	Standby: 80 mA During Intercom call: 225 mA	Voltage:	11V to 14V DC