

Combined callpoint controller and Over Door Light that links the callpoints in a patients' room with the nurse station or central controller of an Austco nurse call system and at the same time provide Over Door Light indication of active alarms/calls from that room including their priority levels.

Incorporates audio functions for handsets/intercoms connected to callpoints on Austco nurse call systems with two-way speech (audio).

Comprised of a single-dome ODL-3LED Over Door Light style lens with slimline plastic front cover surround to seal against moisture and dust, fitted onto a surface mountable base containing PCB and connectors, all manufactured of shatter-proof, heat resistant polycarbonate plastic.

Callpoint inputs/outputs are via three 8-way modular connectors compatible with Austco's CPS-1xx series of two-level callpoints installed in a typical hospital room as follows:

With STAFF PRESENCE option selected (via on-board jumper)

- PATIENT CALL Bed-1 plus Room EMERGENCY
- PATIENT CALL Bed-2 plus Room EMERGENCY
- ENSUITE CALL plus Room STAFF PRESENCE

Callpoint inputs/outputs further integrates with Austco's nurse call system STAFF PRESENCE call upgrade feature to guard/protect the EMERGENCY call and provide additional upgraded calls as follows:

- STAFF ASSIST CALL Bed-1
- STAFF ASSIST CALL Bed-2
- STAFF ASSIST CALL Ensuite

Without STAFF PRESENCE option selected

- PATIENT CALL Bed-1 plus STAFF ASSIST Bed-1
- PATIENT CALL Bed-2 plus STAFF ASSIST Bed-2
- ENSUITE CALL plus room EMERGENCY

Callpoint input can be from daisy-chained CPS-1xx callpoints (up to 10 beds) to generate a common room CALL with individual over bed indication using the CPS-1xx latched over bed indicator output feature.

Integrates with Austco a CPS-IML intercom module or CAA-EEH handset connected to the CPS-1xx callpoint to provide two channels of bi-directional two-way speech between the handsets/intercoms and the nurse station of a system with two-way speech/audio, as well as to provide PA.

The Over Door Light comes standard with red, green and yellow high

intensity, high reliability automotive LEDs, fitted two per colour to provide additional brightness and reliability.

Operation of the Over Door Lights is fully integrated with the callpoint controller as follows:

PATIENT CALL	- Steady Yellow
ENSUITE CALL	- Steady or Flashing Yellow
PRESENCE	- Steady Green
STAFF ASSIST	- Flashing Yellow or Green
EMERGENCY	- Flashing Red

Typically installed in the corridor outside rooms. Subject to recommendations on the total number of callpoints to be connected to a nurse station, up to 51 CCA-ODL8's (rooms) can be daisy-chain linked together (256 callpoints) through to the nurse station.

Connection between CCA-ODL8's and to the nurse station is via a 4-wire screened cable data bus (AustcoLink Audio) plus a 4-wire screened cable audio bus in the case of systems with two-way speech/audio.

Data link monitoring is included for integration with Austco's nurse station automatic detection and reporting of system faults.

The controller electronics are protected against power surges, near lightning strikes, cable shorts and power reversals.

Operates on voltage between 10 and 14V, with average current consumption of 110 mA for non-audio installation up to 380 mA for installations with intercoms (audio) at nominal operating voltage of 12V.

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

<b>Height:</b>	117 mm	<b>Depth:</b>	80 mm
<b>Width:</b>	147 mm	<b>Weight:</b>	245 grams
<b>Mounting Method:</b>	Screw on wall surface mount or over wall box if available	<b>Plate:</b>	N/A
<b>Wall Box size:</b>	Optional standard Australian, North American or British size wall box	<b>Housing:</b>	Plastic surface mount box
<b>Cable Size:</b>	2 core 2 mm <sup>2</sup> TPS (AWG 14) power cable 4 core 7/0.25 mm (AWG 22) screened data cable for the AustcoLink bus 4 core 7/0.25 mm (AWG 22) screened data cable for the audio bus 8-way flat or round (CAT5) modular cable (AWG 26) to callpoints	<b>Connectors:</b>	8-way modular callpoint input/outputs 6-way screw terminals for data link bus and power (+12V, 0V) 4-way screw terminals for audio bus (Intercom / Music / PA)
		<b>Operating Temperature:</b>	0°...50°C
		<b>Relative Humidity Range:</b>	0...85% (Non-condensing)