

Eight input callpoint controller that links physical callpoints and Over Door Lights installed in rooms or other areas, with the nurse/staff station or central controller of an Austco nurse/staff call system.

Comprised of a surface mountable metal base; PCB with connectors and clear and concise labels indelibly printed on the board; and a slimline plastic cover to seal against moisture and dust.

Callpoint inputs/outputs are via eight sets of terminal blocks for connection to Austco's CPS-TBxx(/P) series of screw terminal callpoints (with or without pendants), or any other compatible momentary or latching action callpoints. Each input/output has a screw terminal for:

- CALL
- CANCEL
- Reassurance LED
- COM

12V is not provided since this is not required by the CPS-TBxx callpoints (no callpoint monitoring, backlighting or buzzer).

The level of call (bed, toilet, staff assist, emergency, etc.) can be independently programmed for each callpoint input as part of the Austco nurse/staff station programming.

Eight Over Door Light outputs are provided via screw terminal connectors for connection to Austco's ODL-3LED, CM-Dx or other compatible Over Door Lights.

The operation of each Over Door Light is individually programmable via an on-board link matrix to be steady state or flashing based on a combination of active callpoint inputs. Also provides a link selectable option to use the on-board flashing circuit or an external flashing input to allow for the synchronisation of Over Door Light flashing across multiple controllers. Subject to recommendations on the total number

of callpoints to be connected to a nurse/staff station, up to 32 CCT-8's can be linked together (256 callpoints).

Connection between CCT-8's and to the nurse/staff station is via a 4-wire screened cable data bus. Convenient plug-in screw terminal connectors are provided for data-in and data-out.

The data bus link protocol is on-board link selectable to be either:

- AustcoLink non-audio (non-speech systems)
- AustcoLink audio (speech systems)
- AustcoBus (for retrofits to old sites)

Data link monitoring is included for integration with Austco's nurse/staff 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 16V, with current consumption of 120 mA 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

Height:	195 mm	Depth:	55 mm
Width:	135 mm	Weight:	250 grams
Mounting Method:	Wall surface mount	Plate:	N/A
Wall Box size:	N/A	Housing:	Galvanised steel base plate Plastic cover
Cable Size:	2 core 2 mm ² TPS (AWG 14) power cable 4 core 7/0.25 mm (AWG 22) screened data cable for the AustcoLink bus 4 core 2 core 7/.20 mm (AWG 24) data/security cable to each callpoint or pendant input 2 core 7/.20 mm (AWG 24) data/security cable to Over Door Lights	Connectors:	Individual screw terminals for callpoint inputs 6-way plug-on screw terminals for data link bus and power (+12V, 0V) Individual screw terminals for Over Door Lights and external flash input
		Temperature:	-20...50 C
		Humidity Range:	0...95%