

Features

- Full Duplex VoIP for two-way speech
- Total in Room Communication Solution
- Light control functions, TV & Entertainment
- Full range of IPnet callpoints/devices

IP Patient Station

The IP Patient Station is a slim-line wall/bedhead unit which provides a complete in-room patient call and audio solution. The three on-board call buttons and cancel button allow nurse calls, such as presence, staff assist, and code blue, saving on additional call points. For additional flexibility, the set of call types offered on these buttons can be changed.

The IP Patient Station is suited to structured cabling where each room/bed requires only a single Cat cable to the IP Patient Station. Its on-board full-duplex audio also allows staff to be in contact with the patient and using VoIP SIP allows for simple connectivity.

Devices such as Austco pendants, handsets, multi-functional handsets auxiliary inputs, over-bed lamp and flexible dual relay can all be directly connected to the unit.

Easy to Identify and Use

A call can be activated by pressing one of the three call buttons (labelled with its function) or through a call button on Austco's pendant or multifunction handset. The audio is full duplex and requires no button presses to activate a call, making it a full hands free operation.

The call buttons have a hard wearing epoxy caps, which clearly indicate the function, and include backlighting, providing easy location and operation at night. Additionally, once the call button is pressed, a tone sounder and reassurance LED behind the cancel button appears, giving patients the reassurance that their call has been placed.

When a pendant is removed, either accidentally or intentionally, the IP Patient Station will generate a Pendant Out alarm. Furthermore, the IP Patient Station's modern design allows for the pendant cable to breakaway if pulled abruptly, limiting the risk of damage to equipment or injury to the patient.

To avoid nuisance alarms during cleaning, the IP Patient Station incorporates a cleaning mode. The cleaning time and date is logged on the central server, providing an important audit trail for infection control compliance.



IP-PST-F

Patient Station has multiple device connectivity



Connectivity

The IP Patient Station requires a single Cat cable to be connected to the room and PoE for total room device powering.

Additionally, IP Patient Station can be directly connected to up to 10 Austco IPnet callpoints, digital handsets, pendants, over door lights, zone tone sounders - including those in an ensuite.

Pendants connect via two 6.35mm stereo jacks and have flexible NO/NC, button enable, and delay. Suits pendants CP-PCP, CP-SCP, CM-PM3, CS-PMPAD, as well as bed mats, floor mats, and medical devices.

The Digital Handset (IP-EMH) is connected via DIN8.

TV/Entertainment

IP Patient Station when coupled with the IP-EMH multifunction handset, provides a pillow speaker based TV entertainment solution. The TV sound is routed to the IP-EMH loud speaker, providing quality sound on the pillow, reducing ward noise. Additionally, TV on/off, volume, channel changing controls are supported directly on IP-EMH and communicates to the TV using serial direct or IR connection, or IP messaging over Ethernet.

Installation

The IP-Patient Station can be mounted flush on the wall or panel-mounted into a medical service panel. Rear connectors face downwards for simple cable reticulation. Additionally, a spacer is available as an option for surface mount and a rear plastic cover is available where wall boxes are not used. The Patient Station Flush is compatible with wall boxes from Clipsal, ESCO and US 3 gang.

Technical Specifications

Feature	Description
Height	118 mm (4.60 in)
Width	218 mm (8.58 in)
Depth	60 mm (1.97 in)
Weight	498 g (17.57 oz)
Mounting Method	Flush mounted on wall or in medical services panel. Surface mount spacers are available.
Ethernet	1 x RJ45, 100 Mbit/s
Power	PoE+ IEEE 802.3at
IPnet	2 x RJ45 connectors (Maximum 10 devices)
Pendants	2 x 6.35 mm stereo sockets Rear access RJ45 for 1 pendant
Digital Handset	DIN8 suits IP-EMH
Intercom Audio	Full duplex, VoIP using SIP, LED indicator
TV Audio	Rear RJ45
TV Control	Onboard IR Blaster, Remote IR Blaster (via rear RJ45) or Ethernet
Over Bed Lamp	1 x 3 pin header. Suites CM-DM
Relay	1 x 3 pin header. Control is pulsed signal using RLY-2 or 5
Current Consumption	During Intercom Call 750 mA (Does not include consumption of connected IPnet devices)
Temperature Range	0–50°C (32–122°F)
Humidity Range	0–85% Non-condensing

Compliance

Designed to comply with:



- AS 3811:1998 Hard-wired patient alarm systems for hospitals.
- AS 2999:1989 Alarm systems for the elderly and other persons at risk.
- HTM 08-03: Bedhead services.
- UL 1069 Hospital Signaling and Nurse Call Equipment.
- C-Tick Electromagnetic compatibility.
- IEC 60601-1, UL 60601-1 and CAN/CSA C22.2 No. 601.1-M90: Medical electrical equipment - Part 1: General requirements for safety.
- CE Mark of European Conformity.

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

Product Codes	Description
IP-PST-F/BE	VoIP Patient Station flush mount (Product Family: Tacera)

Order Options
Cull buttons – refer to AM-PST Buttons and Spacer Rear cover not included



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