

PRODUCT SPECIFICATION

The TV Controller is an Infrared transmitter for use with a TACERA Nurse Call System that provides patients with in-bed control of the television in their room.

Comprised of a TV control circuit with Infrared transmitter and isolated audio circuit, the device is housed in a small, insulated plastic enclosure that is suitable for installation in ceilings or near the television.

The control module integrates with any TACERA callpoint with an optional 8 pin DIN socket. The buttons on a multifunction or entertainment handset control the following:

- TV on / off;
- Channel up / down; and
- Volume up / down.

The TV Controller connects to the handset socket via a flat modular cable and 4-way modular connectors.

The Infrared transmitter provides totally electrically isolated remote control of the television using the existing Infrared remote control receiver on the television.

The Infrared transmitter is programmed to operate the Infrared receivers of the specific televisions on-site. A sample of the specific television's remote controller is required for custom programming using the AM-TVP provided by Austco.

The Infrared transmitter comes on a short lead with sticky-backed window pad and is typically attached to the side or rear of the television.

The audio connection between the television and the handset is by means of an audio jack on the controller that is connected to the audio output jack on the television.

Television audio can be heard through the speaker in the entertainment handset or through an earpiece connected to either a multifunction or entertainment handset.

An in-built amplifier adjusts the television headset audio to a level suitable for the entertainment handset speaker.

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

It operates at 12-24 V nominal voltage and current of less than 10 mA supplied via the callpoint.

CISPR 22 Class B certification ensures that the controller meets the new international emission requirements for hospitals and aged care facilities.

The controller complies with the international RoHS Directive for the restriction of hazardous substances in electronic equipment.

Dimensions & Specifications	Height:	70 mm	Depth:	42 mm
	Width:	130 mm	Weight:	145 g
	Housing:	Black plastic case	Mounting Method:	Surface mount
	Connectors:	Modular to an EHO callpoint Audio jack to TV audio	Cable Sizes:	4 core flat (CAT101) or round (CAT5/6) modular cable (AWG 26) to an EHO callpoint
	Temperature:	0 – 50°C	Humidity Range:	0 – 85% Non Condensing

Ordering Options	Code	Description	Order Options
	AM-TVC	TV Controller, Infrared Transmitter (with Audio Amplifier)	
	AM-TVP	Programmer for Infrared	

Designed to comply with:

- AS 3811: Hard-wired patient alarm systems.
- HTM 08-03: Bedhead services.
- UL 1069: Hospital Signaling and Nurse Call Equipment.
- IEC 60601-1, UL 60601-1 and CAN/CSA C22.2 No. 601.1-M90: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance.



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

Authorised Austco Reseller

