C-Bus2™

CLIPSAL®
INTEGRATED SYSTEMS

5034NIRT Series

The C-Bus Infra-red Transmitter Unit is a C-Bus output unit for controlling 3rd party devices using infra-red. The unit is typically used for the control of audiovisual equipment eg. TVs, DVDs and VCRs. Other infra-red capable devices such as motorised blinds and air-conditioning can also be controlled.

The unit can store an on board library of approximately 200 infra-red commands for control of these 3rd party devices (dependant on infra-red code length and protocol type).

A specialised software tool is provided for programming the unit, called CIRCA (C-Bus Infra-red Commissioning Application). The CIRCA software allows the user to select infra-red codes to use, and to assign C-Bus events that trigger these infra-red codes to be transmitted. It allows the same configuration to be uploaded to multiple units without requiring the creation of a new program for each unit.

A high speed programming cable is available for this device to facilitate fast downloads to the unit. This is especially useful where there are installations consisting of a large number of infra-red units on a single Network. Alternatively, the infra-red codes can also be downloaded via the C-Bus Network.

The C-Bus Infra-red Transmitter unit is available in the complete range of standard pattern plates and colours.

Like all other units that make up a C-Bus system, the C-Bus Infra-red Transmitter unit is Australian designed, developed and manufactured by Clipsal Integrated Systems Pty Ltd.

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CLIPSAL®
IBS Intelligent Building Series™

5034NIRT Series C-Bus Infra-red Transmitter Unit

- Allows control of 3rd party IR devices eg TV's, DVDs, VCRs, air conditioning etc.

- Available in the complete range of plate styles and standard colours to suit any interior.

- Standard 3.5mm input jack facilitates connection of single and dual head emitter leads.

- Programming and configuration of the device is achieved using CIRCA (C-Bus Infrared Commissioning Application).

- The unit can be programmed via the C-Bus Network (via a PC Interface) or via the high speed serial cable (5100HSC).

- The high speed serial cable allows rapid download of programming and configuration information (approximately 2 minutes).

- A standard library of IR codes is supplied with unit.

- New infra-red codes can be added to the library using the separate infra-red code reader (5100RP).

- Two infra-red outputs provide control of up to 2 infra-red controlled devices.

- Two LED status indicators provide information on C-Bus Network Power, C-Bus communications and IR transmission status. These indicators can be disabled.

- The onboard library allows storage of approximately 200 IR codes.

- Up to 50 units allowed on a single C-Bus Network.

- Supports up to 255 different actions.

- Draws 32mA from the C-Bus Network.

- Designed to meet Australian and European standards for EMC Compliance and Safety.

- Communication with other C-Bus devices and the supply voltage is obtained via a single C-Bus twisted pair cable.

- An inbuilt non-volatile memory retains programmed information of the unit in the event of a power failure.

C C E   Patented