experience

true comfort

SceneMaster   Swtiches   Neo   Touchscreen

C-Bus

UCM/C-Bus

CAT 5 cable

Comfort
Controller

Telephone
Line

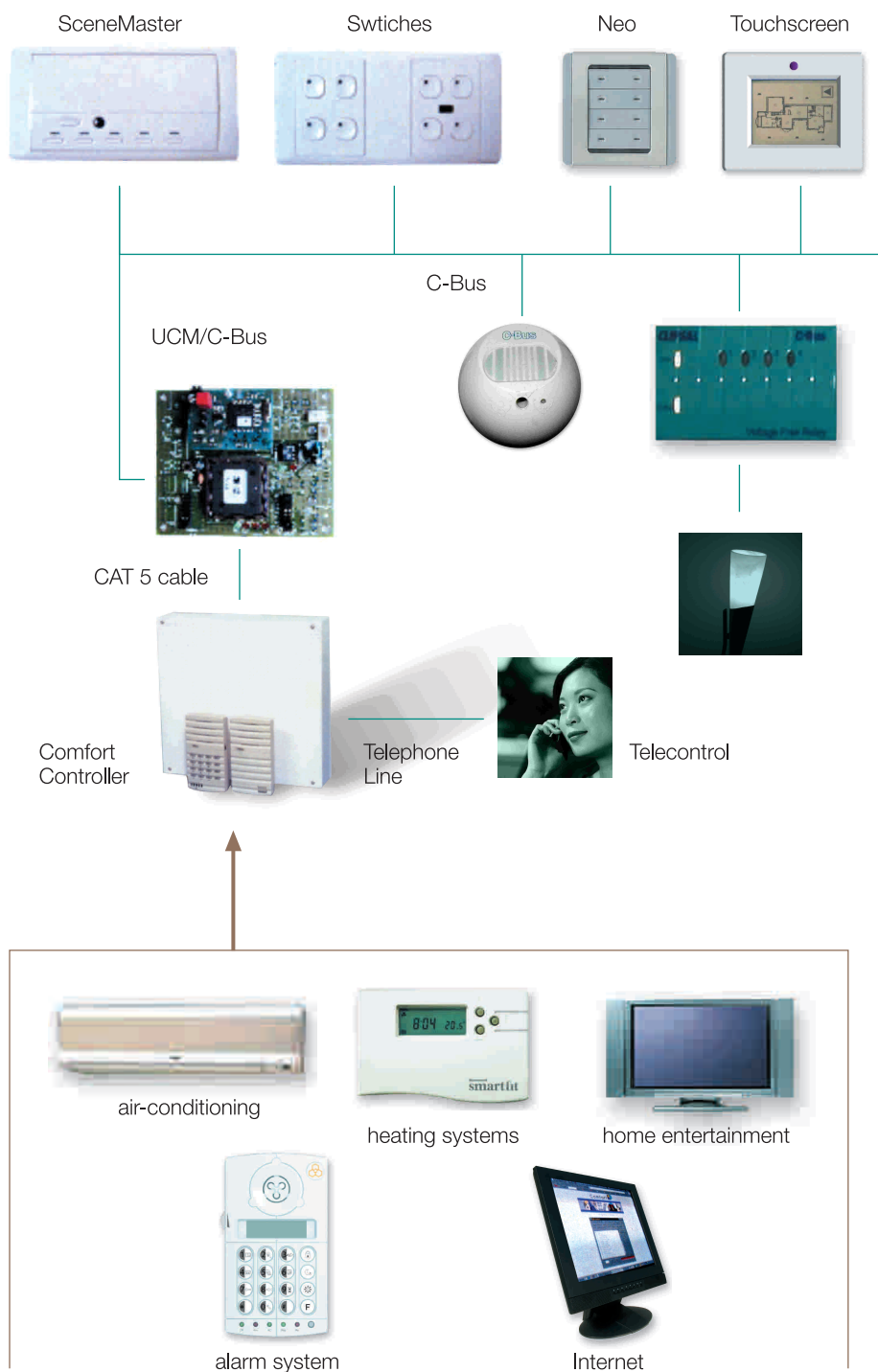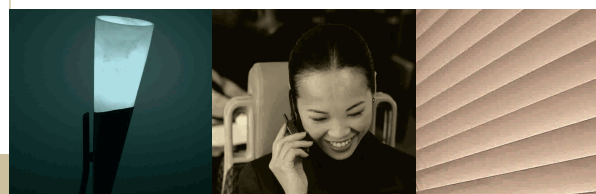Telecontrol

air-conditioning

heating systems

home entertainment

alarm system

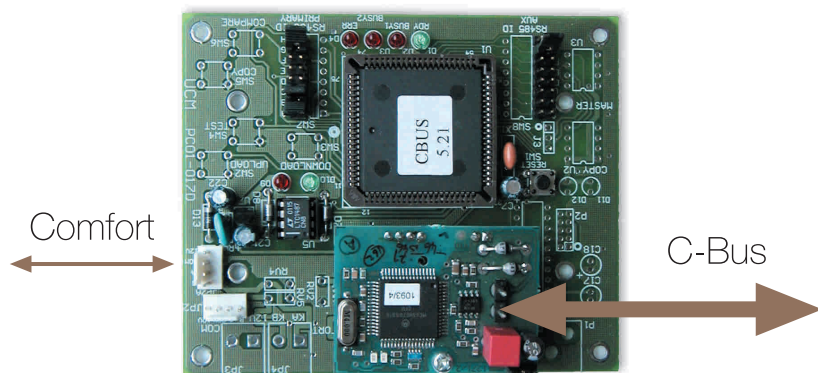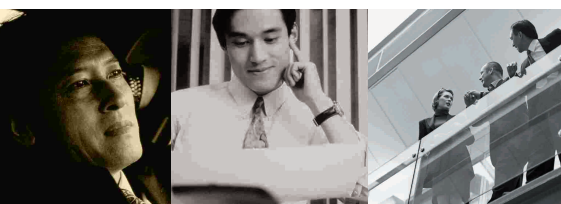Internet

Comfort to C-Bus Interface

Comfort can be integrated with Clipsal's C-Bus by connecting the bus cable directly to the UCM/C-Bus. Comfort provides telecontrol, Internet control, intruder alarm, voice messaging, and a central controller for the C-Bus. C-BUS switches can operate appliances linked to Comfort like air conditioners and home entertainment equipment, and the security system.

Comfort ← → C-Bus

Size:	108 x 88 mm
Max UCMs in Comfort system	8
Connection to Comfort	12V, Com, KA,/KB (RS485)
Connection to C-Bus	C-Bus (2 wires)
Current from Comfort	50mA max
Current from C-Bus	3mA
Messages sent to C-Bus	Any C-Bus Group Address
Messages received from C-Bus	Group Addresses 0 to 127
Electrical Isolation	Comfort circuits are opto-isolated from C-Bus

The C-BUS is a distributed system consisting of sensors (switches, light sensors, motion sensors) and actuators (for lighting, dimming, fan, curtain/blinds), with each device having its own intelligence and with a specific function. Comfort is a home controller which coordinates the activity of home appliances and equipment acting as the "brains" for the home. For example, when an intruder alarm is activated, the lights in the immediate area can come on automatically, and when someone comes in the front door when the security system is armed, the hall lights can be switched on. When the system is armed to Night mode, the lights can be dimmed for a few minutes and then switched off. This requires the intruder alarm system and the lighting system to work closely together. Comfort complements the C-BUS system by providing a comprehensive telecontrol function with up to 300 controls and the ability to send infrared signals to home entertainment and airconditioners. Through the Comfort Web Server Module, the C-BUS system can be controlled from a Local Area Network, or the Internet.

The UCM/C-Bus connects Comfort to the C-BUS. The C-BUS bus is connected to a two-pin terminal block on the UCM/C-BUS. No additional equipment is required on the C-BUS side. This provides a two-way interface between Comfort and the C-BUS, i.e., Comfort is able to send as well as receive telegrams on the C-BUS. Signals on Comfort are isolated from the C-BUS by optical isolators

Number of Inputs	8, expandable to 64
Number of Outputs	8, expandable to 64
Input Types	Dry Contact, Digital 0V/5V, Normally Open/Close
Output drive	Open-collector
Output Signals	On/Off, Pulse, Infrared signals
Alarm Types	31
Time Programs	16
Responses (Macros or programs)	255 (PRO) / 1023 (Ultra)
Telecontrol	30 menus with 300 actions / 60 menus 600 actions (Ultra)