

CASA™ Controller

Product Summary

- The controller is the brain of the Casa system. Typically placed unseen alongside player units, it permits simple plug & play system expansion for up to 32 zones (or rooms). Source distribution is fully independent. The controller transforms the mains-voltage power for the full Casa system of low-voltage loudspeakers; allows for input of source equipment; and executes full command and control from all keypads and hand-held units.

Technical highlights



Casa's CPU, based on a powerful 16MHz RISC processor, features:

- Multiple timers to generate IR data streams (for control of source equipment).
- 0.5Mb Flash EPROM (to enable software reprogramming without removing the card).
- Battery-backed real-time clock synchronising all alarm and timer functions.
- On-chip networking capability (allowing multiple controllers to talk to each other).
- Upgradeable slot, to encompass up-coming home automation technology.



The Casa system was awarded
Innovations Award 1998
CES/Las Vegas USA

Product of the Year 1998
Hi-Fi Grand Prix Award
Audio Video International USA

Product of the Year 1999
Hi-Fi Grand Prix Award
Audio Video International USA

Description	Expandable 4 zone, 4 source (+ Local sources), audio control, distribution and power supply	Dimensions	Height: 110mm Width: 430mm Depth: 370mm
Total power output	400W @ +/- 24V	Net Weight	11kg
Audio inputs	Unbalanced 2VRMS, switchable to 700mV for inputs 3&4	RS232	9 pin D female (supports external system control)
Audio outputs	Balanced, 10ohm source, 150mARMMS audio signal drive capability	Network	Expandable to 8 controller network over CANbus
Power outputs	Maximum draw 100W per output power supply, electronically current limited and polyswitch	IR Reception & transmissions	Daisy chain IR input and output, RC5 wired output. 5 current-source outputs to stick-on IR senders
Keypad outputs	Maximum 3 keypads per output, daisy chained		



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