

CommBox Micro

An economical, rack mountable processor for applications where audio facilities are not required or are provided by other equipment



The CommBox Micro is the perfect solution for applications requiring a powerful control processor without the extras. Perfect for applications such as home theatre, conference rooms, museums, general purpose system control

The CommBox Micro can directly controls relays and other low-voltage loads without a PIU. Dual-purpose IR and RS-232 serial control ports

Internal power supply can power small control panels (e.g. Joey wallmount, Door entry panel) and IR receivers.

Control Inputs: IR-bus for local control and infra-red receivers, RS-232 for control by a PC or external device

Control Ports: Seven serial ports, each may be soft-configured for "infra-red" or "RS-232"

Downloadable control codes, protocol and device drivers.

24 low-side switch outputs - 24vDC, 1A Timers

Four separate timer channels

Resolution - 1 second or 1 minute

Range - 1 second to 127 minutes

Fully recursive

Re-calling a timer cancels its pending events

Programming Language Support

Inbuilt firmware routines support:

Serial Communications

All UART and Infra-Red protocols, including RC5 & RC6

RS-232 rates from 300 to 38.4k baud, 7 and 8 bit.

Parallel Communications -

Single bit or Nibble

Momentary One-shot

Toggle

Set-Reset

Bit test and branch

Audio Parameter Programming (mirrored to external device)

Set to level

Increment

Decrement

Level Test and branch

"Scratchpad" variable programming

Set to value

Increment

Decrement

Value Test and branch

- Comprehensive set of Boolean and conditional operators
 - Macros can be recursive, re-entrant, nested and can receive and pass parameters.
 - Command input by vector table with parameter passing
 - Programming by Windows graphical User Interface on your PC.
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Dimensions 420mm x 270mm x 45mm (19" rack, 1RU.)

Weight 2.8 Kg approx

Accessories

4 X Optical Couplers

1 X Power Lead – Rack Ears

3 X Female Phoenix Connectors

1X Programming Lead

1 X IR Bus Plug

Software TC Win software
