



Name: CommBox Micro

Description: 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 -

CommBox

SPECIFICATION SHEET

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.
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
SoftwareTC Win software

