

# MCU300

## Master Control Unit

The revolutionary new Octopus Multi-Room Entertainment System by Opus Technologies delivers new standards of multi-room audio at a more affordable price than ever before. Capable of accessing any of 6 available audio sources (CD player, tuner etc.), the MCU300 then distributes the sources to any or all of 4 distinct main zones around the house simultaneously, using only one run of Cat5 UTP or Cat6 cable per zone. Furthermore, for every main zone, the MCU300 supports an additional sub zone which is ideal for en-suite bathrooms, conservatories etc.

Loop outputs for all 6 audio sources are provided, allowing integration with an existing hi-fi, or home theatre system.

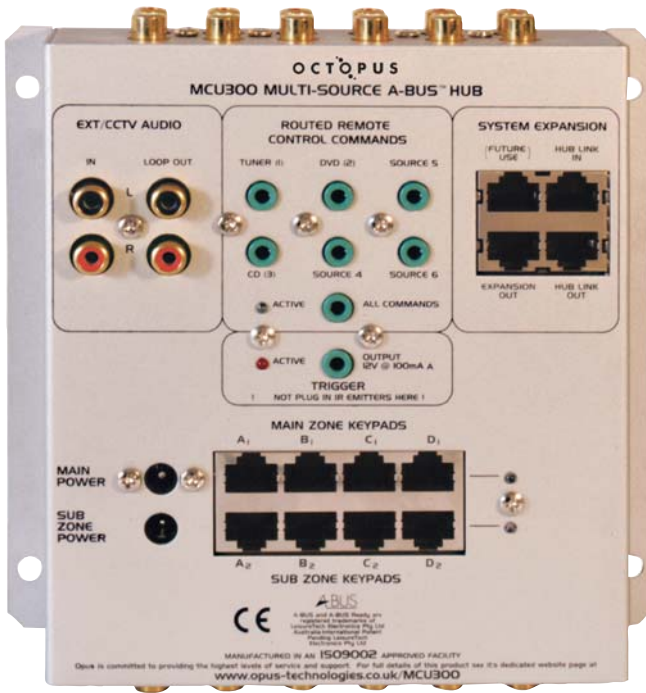
For larger installations requiring more than 4 main zones and 4 sub zones, a hub link facility is provided enabling up to 4 MCU300's to be "chained" together offering up to 32 zones (16 main zones and 16 sub zones) of audio.

### Features and Benefits

- Extremely simple installation, with just a single run of Cat5 or Cat6 cable per zone
- 6 audio source inputs
- Distribution to a maximum of 4 main zones
- Additional facility of 4 sub zones
- Loop outputs for all 6 audio sources
- Dedicated input for CCTV or alternate source
- 6 Routed Emitter outputs for dedicated infra-red control of source equipment
- An "All Commands" emitter output for dedicated control of CCTV system etc.
- Hub-link facility for "chaining" up to 4 MCU's together (possible 16 main zones + 16 sub zones).



# TECHNICAL CLOSE UP



Top View

## SPECIFICATIONS MCU300

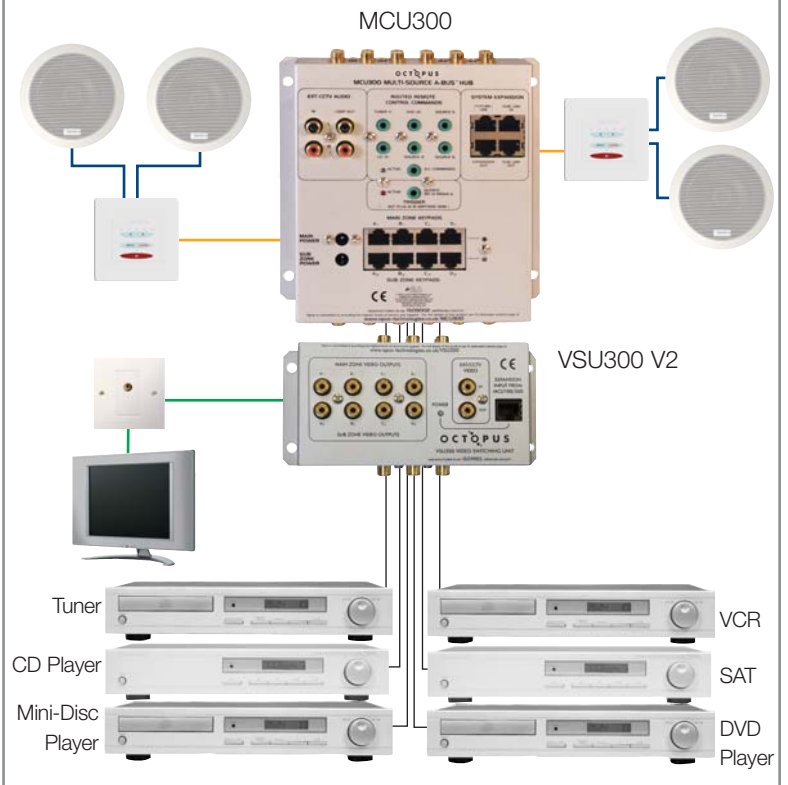
No. of source inputs	6
No. of loop outputs	6
No. of external inputs/loop outputs	1
No. of zones per hub	8 (4 main + 4 sub)
System zone maximum (4 chained MCU's)	32
Frequency Response	20Hz - 20kHz
Trigger Output	12V @ 100mA
<b>Power</b> provided by PSA65U-240 Power Supply (order seperately)	
<b>Size (inc. flange and fixings)</b> 165 x 172 x 48mm 4.5 location sectors in Octopus Home Cabling Cabinet	
<b>Weight</b>	1.14kg

## SYSTEM DIAGRAM

Hi-fi or video equipment from virtually any brand can be connected to Octopus.

### LEGEND

- Twin screened phono cable
- Coaxial Cable
- Loudspeaker Cable
- CAT5e



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