

WCU600 Touchscreen Control Unit

The WCU600 is the next generation user interface keypad for the Opus 500 multi-room entertainment system. Connection between the keypad and DZM zone amplifier is via Opus' proprietary cable BTC1 (or Cat5/Cat6) which provides power and commands from the Master Control Unit (MCU500). Style and functionality operate in perfect synergy with this intuitive keypad which features a striking high-contrast 3.5" full colour LCD touchscreen display. Video playback is possible via RJ45 video inputs on the rear of the keypad, which connect to source equipment such as the Opus HDS music server, DVD players etc, when used with the next generation Opus video switcher. The USB port concealed behind the faceplate means the keypad can be set up and customised to the user's requirements, while basic adjustments can be made using the simple menu system which offers fine tuning of bass, treble and balance. The faceplate has a number of colour options which are interchangeable to suit every environment. Using the WCU600's built-in clock/timer, it can be set to 'wake-up' to a favourite radio station. The wide angle IR receiver on the WCU600 allows control of the system using remote control.

Features and benefits

- High contrast, backlit hi-resolution QVGA colour (320 x 240 resolution – 16 million colours) touchscreen display customisable for personalisation of buttons and colours.
- IR connector allows addition of an external IR receiver.
- Wide angle infra red receiver allows full remote control of all system functions and control of third party source components connected to Opus MCU500
- RS232 connector for future control with third party products such as heating and lighting solutions
- Simple menu access to system functions such as bass, treble, balance and party modes
- Video input for playback on LCD display of selected source equipment*
- Local video input
- Ethernet connector (for future use)
- Extensive range of faceplate finishes available: white, piano black, brushed metal, matt stainless, chrome, gold and brass
- Built-in 12hr AM/PM clock with alarm and sleep timer
- Fully backwards compatible with existing Opus MCUs and DZMs

* This feature will only become active with next generation Opus video switcher



SYSTEM DIAGRAM

A single Master Control Unit will serve up to eight rooms.

This diagram shows one Main zone and one sub zone.

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

This is a typical 2 zone configuration using AVI and AV2 as inputs for the HDS600. These inputs can be labelled 'H-Disk'.



— OPUS BTC1 Balanced Transmission Cable

— Loudspeaker Cable (Opus LSC-1 or similar)

— CT100/RG6 Coaxial Cable

— Twin Screened Phono Cable

— Cat5e

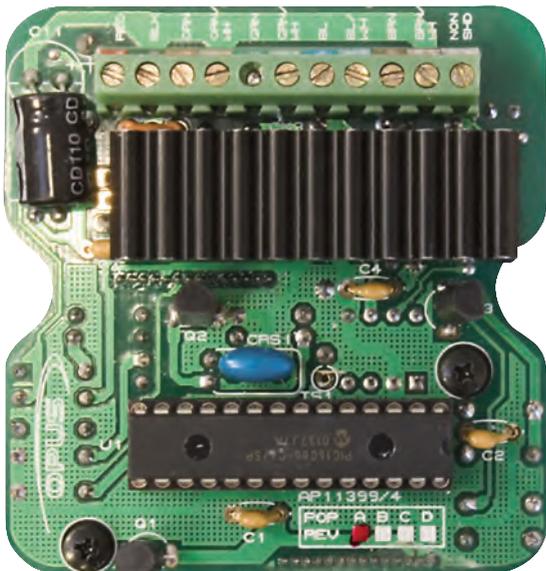
— Composite video cable

— 3.5mm IR data cable

— RJ45 data cable

— Null Modem serial Cable

TECHNICAL CLOSE-UPS



Rear Panel

SPECIFICATIONS WCU600

Power	16V DC @ 50mA
Display	3.5" 320 x 240 QVGA colour touchscreen (16 million colours)
IR frequency ranges	34-40Khz & 54-58Khz
Back box requirement	Custom fixing solution allows faceplate to fit most kinds of walls. Custom metal back box also available.

CE marked to regulations EN 60-065 (including amendment A11, 1997); EN 55 013 (1990) inc. amendments A12 (1994) and A14 (1999); EN 61 000-3-2 (1995) inc. amendments A1 (1998), A2 (1998) and A14 (2000); EN 61 000-3-3 (1995) EN 55 020 (1994)

ETL listed (Listing number 3011668) to regulations CAN/CSA E65-94; UL6500; FCC Part 15 (2001-05)

Dimensions (WxHxD) (W x H x D) 122 x 106 x 39mm



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