

OCTOPUS™

by Opus Technologies



Octopus Multi-Room Entertainment System



User Guide



Important safety warnings and precautions are included within the Installation Guide supplied with this system. Please ensure you read these. If you do not have a copy of this guide please ask you installer or dealer or download a copy at:
www.opus-technologies.co.uk

Component overview



**Wall control unit
(WCU310)**

Keypad used to select and control sources connected to the MCU



**Master control unit
(MCU300)**

Central control unit, which connects to your audio/visual sources and distributes them to the desired zone



**System remote control
(SRC300)**

System remote control for everyday use in conjunction with the keypad



**Video switching unit
(VSU300)**

Distributes visual sources to zone screens (optional)



AMR650

Active and passive A-BUS™ compatible ceiling mounted speaker pair



**Learning remote control
(LRC300)**

Learning remote for controlling source equipment and teaching infra-red source commands to the MCU (see dedicated manual for operation)

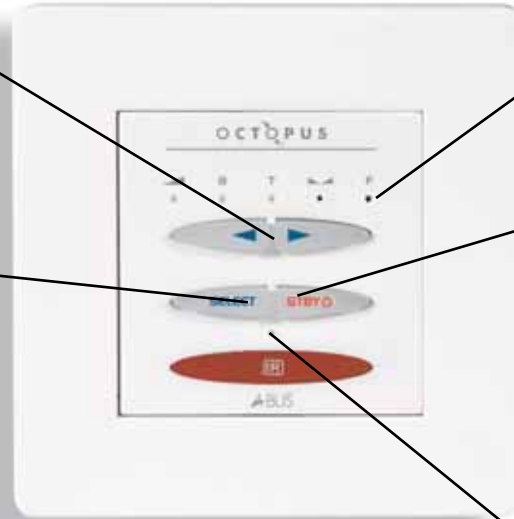
WCU310 wall control unit

Up / Down

Use these buttons to control the Sound Adjustment functions (see following page).
Defaults to Volume control.

Select

A short push changes selected audio source. The Status LED will "blink" to indicate that a change of audio source is being actioned (Enhanced Opus mode only - see Installation Guide).
A long push (2secs approx) will activate the Sound Adjustment functions (see following page).



Sound Adjustment LEDs

See following page.
Defaults to displaying volume level

Standby

A short push will turn the system on and the Status LED will illuminate.

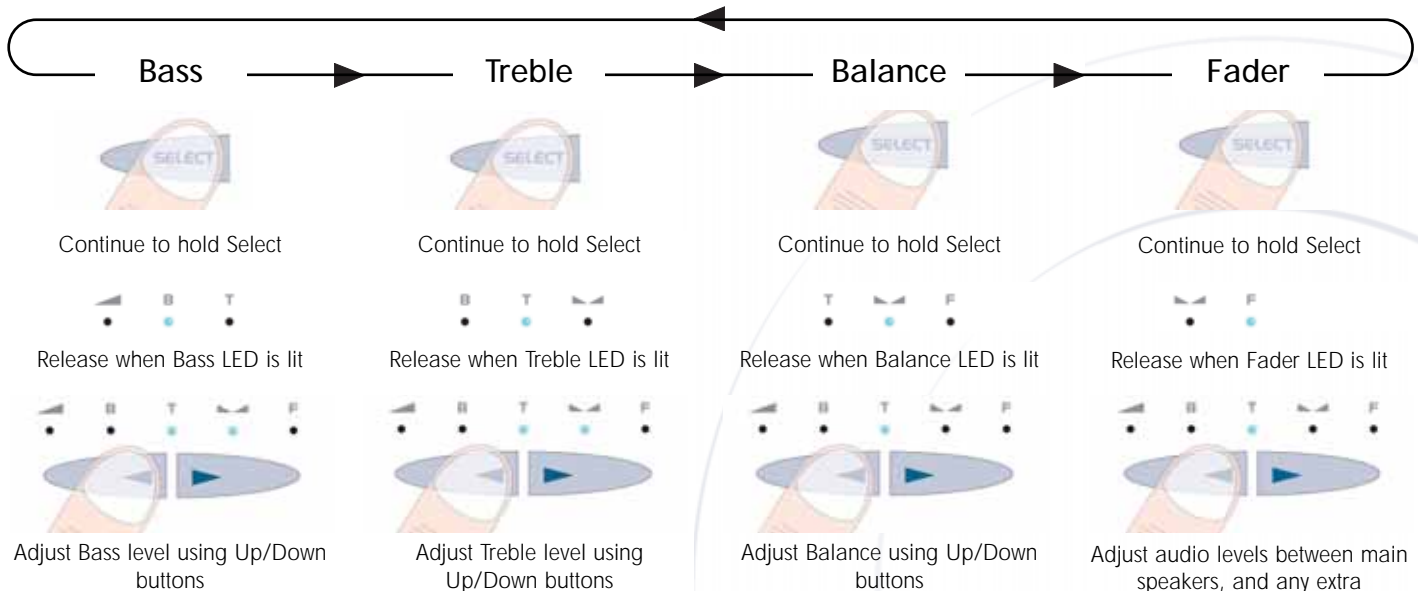
Another short push will turn the keypad and it's corresponding zone off.

A long push (2secs approx) will switch the whole system to standby and the Status LED will turn off (Enhanced Opus mode only - see Installation guide).

Status LED

Keypad sound adjustment functions

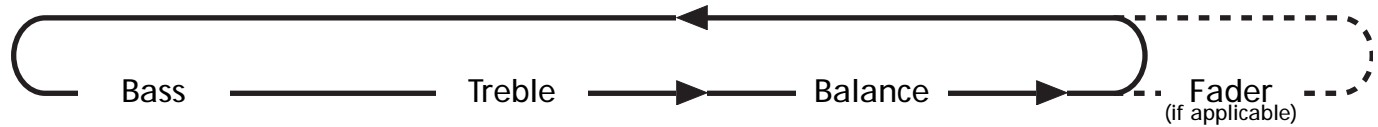
The Up / Down buttons are used to adjust Volume. To access the other sound adjustment functions below press and hold the Select button for approx two seconds:



Note: If no action is taken for approximately two seconds the sound adjustment function will default to volume control

Sound adjustment functions

For Active speaker only (AMR650) – Press the Select button



Press Select

One bleep will sound



Adjust Bass level using volume buttons



Press Select

Two bleeps will sound



Adjust Treble level using volume buttons



Press Select

Three bleeps will sound



Adjust Balance using volume buttons (Up=Towards right, Down=Towards left)



Fader (if applicable)

Four bleeps will sound



Adjust audio levels between main speakers, and any extra equipment connected to the AMR650 pre-amp output (Up=Towards main, Down=Towards preamp)

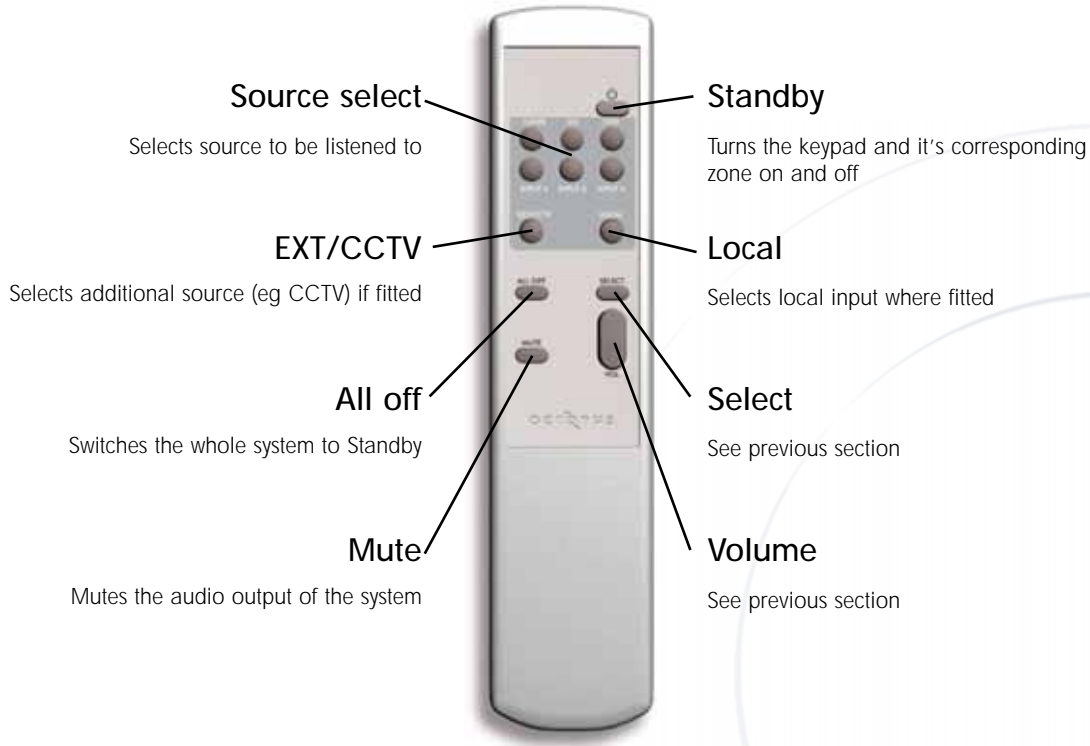
During sound adjustment tones are generated to indicate position within the available range:

A single medium frequency tone indicate a neutral setting.

Two rising tones indicate the upper level of adjustment has been reached.

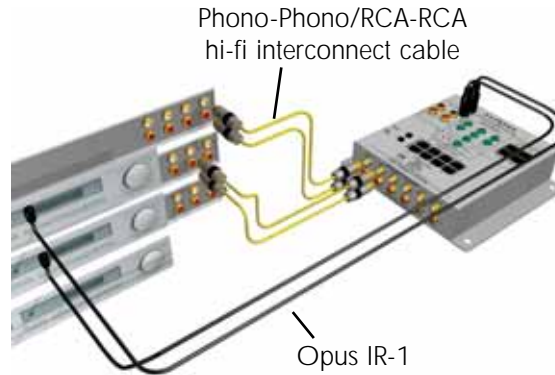
Two falling tones indicate the lower level of adjustment range has been reached.

SRC300 system remote control



Adding your source equipment

Diagram shows audio source equipment connections



AUDIO CONNECTIONS

Audio Source Equipment Connections

Up to six pieces of audio source equipment can be connected to an MCU. Connections are made from the source equipments' audio outputs to the inputs on the MCU via RCA connections.

Remote control of source equipment through the WCU310

For remote control of the source equipment, 6 routed IR outputs are provided. Individual IR emitters are plugged into the appropriate IR output (corresponding to the respective Audio input) the other end is stuck to the IR receiving window of the source equipment.

FAQs

1. What entertainment equipment can I connect?

The Octopus system is compatible with almost any type of hi-fi or video separate.

2. What is the difference between a main zone and a sub-zone?

A sub-zone can only listen to the same audio source as is being listened to in the main zone. The sub-zone has independent power, volume and tone controls from the main zone.

3. How many rooms can a system serve?

Each MCU300 supports 4 main + 4 sub-zones. 4 MCU's can be chained together supporting up to a maximum of 16 main zones and 16 sub-zones. If a larger system is required it is possible to have two or more separate systems running independently giving unlimited expandability.

4. Can I use any Cat5e cable or must I use the orange Octopus Cat5e cable?

Any type of Cat5e can be used.

5. Do I have to use Octopus speakers?

No, but it is highly recommended as the Octopus speakers are optimised and impedance matched to the keypad amplifiers.

6. How many remote controls can the system have?

There is no limit to the amount of remotes you can have. If required you can have a remote in each room.

7. What advice can you give for keypad location?

When locating a keypad you should avoid putting in direct sunlight or in close proximity to Plasma screens. Care should also be taken locating it near to devices that produce electrical noise such as mechanical dimmers.

8. Is there a maximum cable run from MCU to each WCU?

Yes, the maximum cable run is 30 metres / 100 feet.

System details

Zone/room details ✓ Sub zones

1	_____	<input type="checkbox"/>	_____
2	_____	<input type="checkbox"/>	_____
3	_____	<input type="checkbox"/>	_____
4	_____	<input type="checkbox"/>	_____
5	_____	<input type="checkbox"/>	_____
6	_____	<input type="checkbox"/>	_____
7	_____	<input type="checkbox"/>	_____
8	_____	<input type="checkbox"/>	_____
9	_____	<input type="checkbox"/>	_____
10	_____	<input type="checkbox"/>	_____
11	_____	<input type="checkbox"/>	_____
12	_____	<input type="checkbox"/>	_____
13	_____	<input type="checkbox"/>	_____
14	_____	<input type="checkbox"/>	_____
15	_____	<input type="checkbox"/>	_____
16	_____	<input type="checkbox"/>	_____

Installer Details

Name / address _____

Contact name _____

Email _____

Tel No. _____

MCU Serial No/s. _____

Source equipment details

(Insert name of equipment connected to this input)

Tuner (1) _____

CD (2) _____

DVD (3) _____

Source (4) _____

Source (5) _____

Source (6) _____

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www.opus-technologies.co.uk/octopus

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