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## User Guide



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**IMPORTANT**

The Opus system offers several variations depending on the the type of installation. Your installer will fill out the applicable tick boxes, which will determine which variation is appropriate to your installation.

# Contents

**TO BE COMPLETED BY THE INSTALLER**

**Opus MCU500 Serial Number:** \_\_\_\_\_

**Installers Details:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Use separate sheet if required)

**Installers contact name:** \_\_\_\_\_

**Installers contact tel no:** \_\_\_\_\_

**Source Equipment Details:**

(Insert name of equipment connected to this input)

*CD:* \_\_\_\_\_  
*DVD:* \_\_\_\_\_  
*SAT:* \_\_\_\_\_  
*AV1:* \_\_\_\_\_  
*AV2:* \_\_\_\_\_

**Zone/Room Details:**

*A* \_\_\_\_\_  
*B* \_\_\_\_\_  
*C* \_\_\_\_\_  
*D* \_\_\_\_\_



**Sub zones**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Opus 500 system component overview



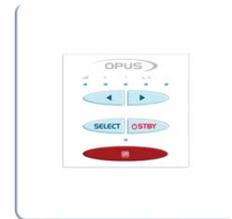
**Wall Control Unit (WCU500)**

Main zone keypad with LCD display, used to select and control sources connected to the MCU



**Master Control Unit (MCU500)**

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



**Wall Control Unit (WCU300)**

Sub zone keypad used to select and control sources connected to the MCU  
Note: A WCU300 can only listen to same source as the main zone to which it is connected.

**System Remote Control (SRC500)**

System remote control for everyday use in conjunction with the keypad



**Learning Remote Control (LRC500)**

Learning remote control for controlling source equipment and teaching Infra-red source commands to the MCU



## Overview

### System Components

## General Button and specific source functions of the WCU500



External source controls may vary. Please contact your installer for further information.

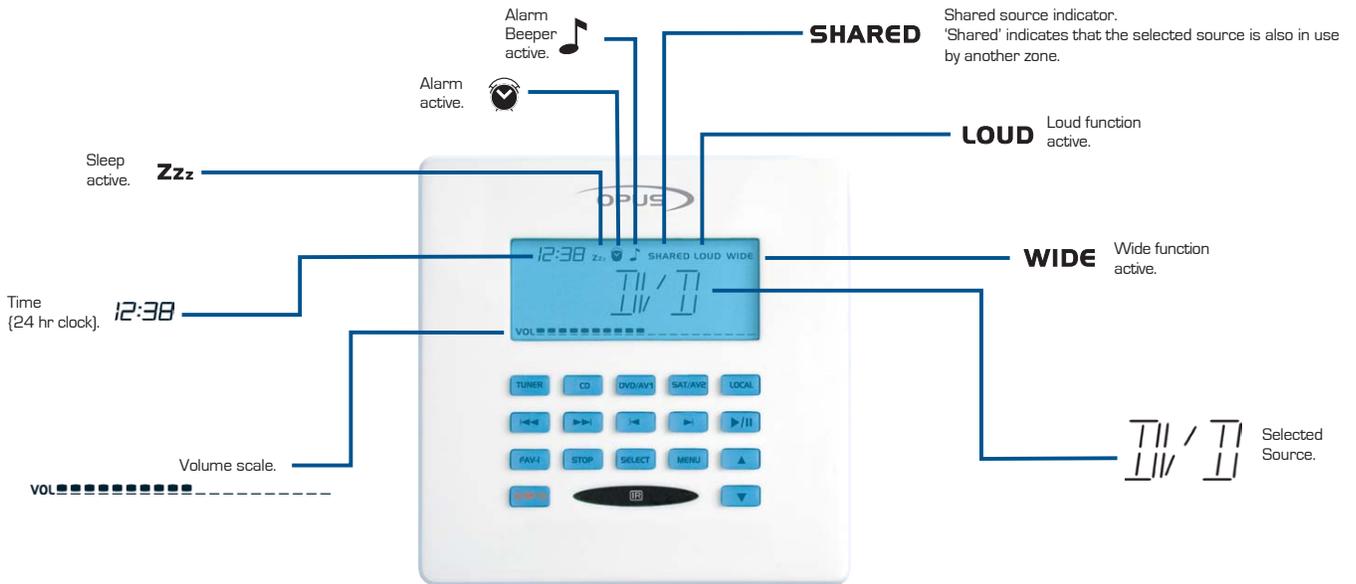
Source							
<b>TUNER</b>	-	-	Skip to previous radio wave band	Skip to next radio wave band	Skip to previous pre-set radio station	Skip to next pre-set radio station	Selects pre-set radio station*
<b>CD</b>	Play/Pause CD	Stops CD	Skip to previous CD	Skip to next CD	Skip to previous CD track	Skip to next CD track	Selects disc1 track1
<b>SAT</b>	-	-	-	-	Channel down	Channel up	Selects channel1 on receiver
<b>DVD</b>	Play/Pause DVD	Stops DVD	Skip to previous DVD	Skip to next DVD	Skip to previous DVD track	Skip to next DVD track	Selects disc1 track1
<b>HARD DISK SERVER</b>	Play	Stops Hard drive server	Skip to previous Album	Skip to next Album	Skip to previous track	Skip to next track	Selects album1 track1

\* Press twice in succession to go to preset 11 in pre-set bank

# WCU500

## General Button Functions

## WCU500 Display Breakdown and Key Index



### Key Index

**TUNER** Selects Opus tuner

**CD** CD selector

**DVD/AV1** DVD selector. Press and hold for AV1\*

**SAT/AV2** Satellite TV selector. Press and hold for AV2\*

**LOCAL** Selects local source (typically a TV or video located in the same room as the keypad)

**FAV-1** Selects pre-set radio station, CD etc. Press twice to go to second pre-set bank

**STOP** Stops current source

**SELECT** Used to select options in set-up mode

**MENU** Used to select options in set-up mode

**STBY** Zone shutdown. Press and hold for three seconds to shutdown all Opus zones

**⏮ ⏭** Skip CD track or pre-set radio station

**⏪ ⏩** Skip CD or radio wave band

**⏸** Play/Pause.

**⏶** Volume up and down

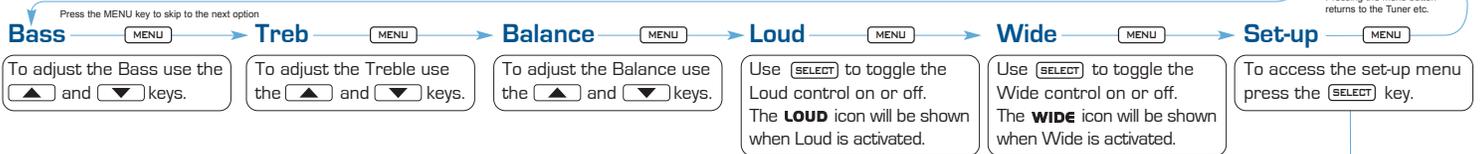
**⏷** Volume up and down

\* When Opus is installed AV1 and AV2 can be renamed to show the name of the source equipment.

## WCU500

### Key Index and Display

## To activate special Opus functions or adjust the sound in your zone press the **MENU** key



### Setting the time

To set the correct time use the **▲** and **▼** keys to adjust the flashing digits. Use the **(MENU)** key to move to the next set of digits. When you're done press **(SELECT)** to exit.

**Note:** If the clock has problems check the dip switch on the rear of your MCU. Even where RDS station naming data is available it is often recommended that the 'RDS CLK' is switched to 'off' due to the unreliability of these transmissions. See page 11 for instructions.

### Setting the Alarm

#### Setting the alarm wake up time

Set the alarm time using the **▲** and **▼** keys. Use the **(MENU)** key to move to the next set of digits. Press **(SELECT)** to confirm the wake up time.

#### Select a source

Press **(SELECT)** to toggle between Beeper and Tuner. When Beeper is selected the **🔊** icon is shown on the display. Press **(MENU)** to continue.

#### Set the wake up volume

Use the **▲** and **▼** keys to set the volume. The volume scale is shown on the keypad display. Press **(MENU)** to continue.

#### Activating the alarm

Use the **(SELECT)** to toggle the alarm on or off. When the alarm is active the **🔊** icon is shown. Press **(MENU)** to exit.

### Setting sleep time

#### Setting the sleep timer

To set the sleep timer use the **▲** and **▼** keys to adjust the flashing digits. Use the **(MENU)** key to move to the next set of digits. Press **(SELECT)** to confirm the sleep time.

#### Activating the sleep function

Press **(SELECT)** to toggle between on and off. The **Zzz** icon is shown on the display when sleep is set to on. Press **(MENU)** to confirm and exit.

When sleep mode is active Opus will shutdown the zone at a pre-set time.

### Using Party Mode

#### Activating Party mode

Press **(SELECT)** to toggle the Party mode on and off. When Party mode is active all zones and sub zone keypads will display Party. During Party mode each keypad will only have access to the volume, on and off controls for that zone. When you activate party mode the keypad you use will become the Party Master Keypad. The Party Master is the only keypad that can control the source for the other zones. When Party Off is selected each zone has its volume set to zero.

#### To exit Party mode

Press and hold the **(STBY)** key for three seconds to exit Party mode.

### Using All On

#### Activating All On mode

To activate the All On mode press the **(SELECT)** key to toggle between on and off.

The All On mode allows all the zones to play a source selected from a single keypad. Unlike Party mode each keypad retains full control over its volume and source controls.

### Using All Off

#### Activating All Off mode

To activate the All Off mode press the **(SELECT)** to toggle between on and off. Activating All Off shuts down all active zones.

### Setting Backlight

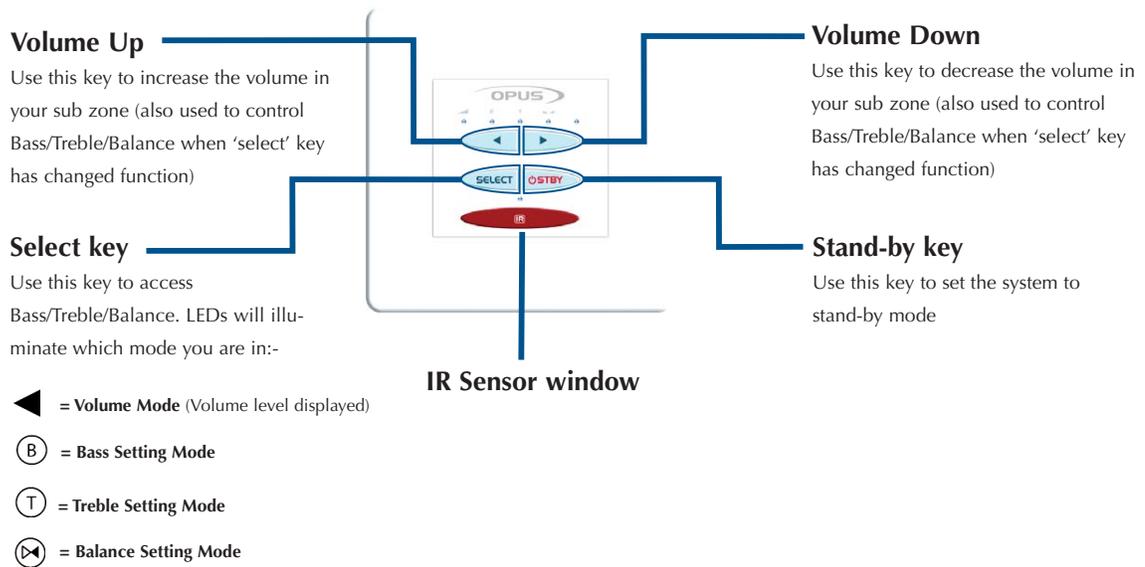
#### Activating Backlight

To activate the keypad display backlight use the **(SELECT)** key to toggle between the two options.

# WCU500

## Menu Functions

## Interface breakdown for the WCU300



## WCU300

### Keypad Functions

## Operational buttons on the MCU500

### Power

Power Switch for MCU

Note: In normal operation you do not need to power off the Opus system with this switch. Simply use the standby buttons on each keypad. If you do switch off the MCU then all bass, treble and other settings will need to be set again at each WCU keypad.

### Clone Port

Transferring IR commands from LRC500 (explained later)

### Zone Active

LED lit to indicate current active zone

### IR Indicator

LED flashes to indicate IR transmission

### Tuner Keys

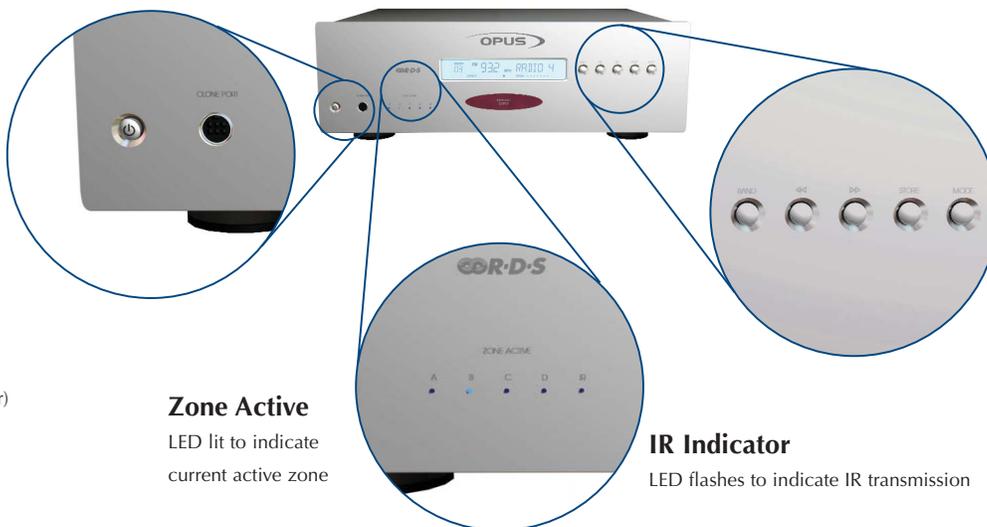
Tunes tuner/preset keys (depending on mode selected)

### Store

To store tuner presets

### Mode

Selects preset or search mode



## Setting the Tuner Presets

This is done via the buttons on the MCU's front panel. 29 FM, seven AM/MW and seven LW presets are available.

**Step One** - Put the tuner into scan mode by pressing the Mode button.

**Step Two** - Use the Up and Down buttons to find the station you wish to store.

**Step Three** - Press the Store button and the tuner will automatically display the next available preset number.

**Step Four** - To store the station in this location press store. You can store the station in a different location by using the up and down keys to select a new location and then press store.

**Step Five** - If you wish to store presets in another waveband (FM, MW/AM or LW) press the Band button to select a new waveband and repeat step 4.

**Step Six** - Once you have stored your presets press Mode. This puts the tuner back into preset mode. In the preset mode the (◀) and (▶) keys on the keypad skip up and down through the presets.

## Erasing Tuner Presets

**Erasing Tuner Presets** - Only works with MCU500 Software version v2.3 or higher. (Update your MCU software to the latest version, contact your dealer who will arrange this for a charge).

**Step One** - Power down the MCU

**Step Two** - Hold down the 'Store' and 'Mode' buttons on the front of the MCU.

**Step Three** - Power up the MCU whilst still pressing buttons.

**Step Four** - The tuner LCD display will stay blank.

**Step Five** - Release the buttons and the tuner LCD will return to normal.

**Step Six** - The presets will now be erased, start storing new presets from preset 1.

**Note** - The tuner only skips through presets that have been set. If only four presets are set the tuner will skip 1-2-3-4-1-2-3-4 and so on. If no presets are set or only one is set the tuner will not skip at all.

# MCU500

## Detailed Buttons and Setting the Tuner Presets





This guide is designed to make installing the Opus System as easy as possible.  
Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents.  
The information in this document is subject to change without notice.  
If you notice any errors please feel free to email us at  
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