



## **Model : OS200**

**User Manual**

**Mode d'emploi**

**Manual de Usuario**

**Bedienungsanleitung**

**Gebruiksaanwijzing**

**Bruksanvisning**

**Manuale**





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# CONFERENCE PHONE

MODEL: OS200

USER MANUAL

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## INTRODUCTION

This product integrates a highly sensitive microphone set-up and three built-in surround sound speakers, allowing users from all around the room to participate in conference discussions.

Some features of this product include:

- Backlit LCD
- Time, date, and language settings
- Tape recorder connectivity
- Contact list
- Acoustic and line echo elimination

## SAFETY AND CARE

Your OS200 conference phone has been designed to provide you with many years of reliable service. To ensure that you use the product safely and correctly, observe the following safety warnings:

- Your OS200 conference phone is dependent on AC power source for operation, and may not work during power and telephone outages.
- Do not use your OS200 conference phone in or near water, as this can cause damage to the unit and personal injury through electric shock.
- Do not attempt to open or modify your telephone.
- The product, specifications and contents of this user manual are subject to change without further notice.
- Figures and display examples in this user manual are for reference only, and may differ slightly from the actual product.

## CARE AND MAINTENANCE

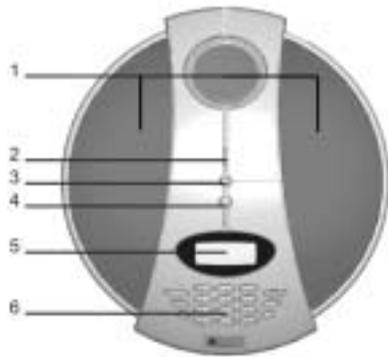
To clean the unit use a soft dry cloth, always keep it away from moisture.



## KEY FEATURES

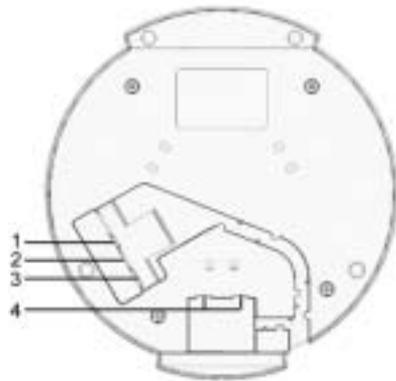
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### TOP VIEW



1. Loudspeaker
2. Microphone status indicators (blue / red)
3. Microphone
4. Remote control sensor
5. Display
6. Keypad

### BOTTOM VIEW



1. Output for tape recorder
2. Power supply
3. Telephone line input
4. Microphone inputs



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### LCD



### KEYPAD



1, space, . (period)

2, A, B, C, Ä, Å, Ä, Å, a, b, c, ä, å, à

3, D, E, F, É, Ê, d, e, f, é, è

4, G, H, I, g, h, i

5, J, K, L, j, k, l

6, M, N, O, Ö, Ø, Ñ, m, n, o, ö, ø, ñ

7, P, Q, R, S, p, q, r, s

8, T, U, V, Ü, Ú, t, u, v, ü, ú

9, W, X, Y, Z, w, x, y, z

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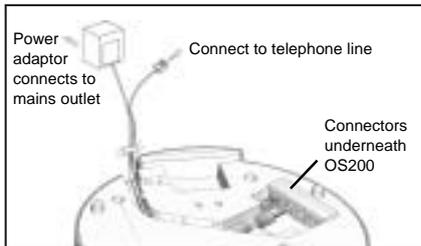
## GETTING STARTED

### PACKAGE CONTENTS

- Conference Phone
- Instruction Manual
- Power and network cable
- Power adaptor
- Intermediate plugs

### CONNECTING FOR THE FIRST TIME

When using the OS200 for the first time, you must first connect the unit to a power supply and analogue phone line using the supplied adaptor and connection cables. This phone does not work if connected to a digital line.



### SELECT LANGUAGE

1. Press .
2. Scroll to Language menu by pressing  until you reach the icon display below. Press  to confirm.  

3. Choose the desired language by pressing .
4. Press  to confirm.

### SETTING THE TIME AND DATE

1. Press .
2. Scroll to Time/Date menu by pressing . Press  to confirm.  

3. Press  to scroll between the DATE, MONTH, YEAR, HOUR, and MINUTES fields.
4. Press  to select a field to adjust. Use  to adjust values, then  to confirm.
5. Select other fields as necessary. Press  to go back to the main menu.

### PROGRAMMING THE R KEY

Depending on what region the phone will be used in, the R key should be programmed to make sure R-Pulse times are compatible with most PBXs (private telephone networks).

**NOTE:** The default setting is R2

Value	Time (ms)	PBX / country
R1	65	Ericsson MD110
R2	100	Scandinavia, Europe
R3	150	Reserved
R4	270	Germany, France
R5	600	USA

1. Press .
2. Scroll to **Special Settings** menu by press . Press  to confirm.  

3. Scroll to the **R-function** setting by press . Press .



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- 4. Choose the required R-pulse value with .



- 5. Press  to save changes and exit.

## MAKING PHONE CALLS

### INCOMING CALLS



When an incoming call is received, a ringing tone will be heard and the microphone indicator light will light up.

- 1. Press  to answer.

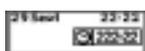


- 2. Press  to end the call.

### OUTGOING CALLS

To make an outgoing call:

- 1. Press .
- 2. Dial the desired number.
- 3. Press  to connect.



Indicates the duration of the call.

- 4. Press  to end the call.

**TIP:** To preview, first enter the phone number.

### 3-WAY CALLING

This feature allows you to talk with up to two other parties simultaneously, contact your local telephone operator for the availability of this service.

- 1. Enter the first phone number.
- 2. Press .
- 3. After the first call is connected, press  to get a new dial tone.

- 4. Enter the second phone number.

- 5. When the second call is connected press  and then  to connect all parties.

**NOTE:** If your second call was not answered, press  and then  to return to the first call.

## CALL SETTINGS

### SPEAKER VOLUME



During a call, you can press  to change the volume.

### MANUAL TUNING

The OS200 will automatically modify its properties for better quality sound in the room and over the telephone line. However, tuning can be initiated manually by pressing  simultaneously (brief noise will be heard).

### KEY PAD TONE

When dialling a number, touch-tones will still be heard even though the keypad tone function is switched off.

- 1. Press .
- 2. Scroll to **Special Settings** menu .



- 3. Press .
- 4. Scroll to **Keypad Tone** setting .



- 5. Press .



6. Select to turn keypad tone on/off:



7. Press to save changes.

### RING VOLUME

1. Press .
  2. Scroll to **Ring Signal Volume** menu .
- 
3. Press .
  4. Press to adjust the volume or switch the ringer off.
  5. Press to save changes.

## CALL FUNCTIONS

### REDIAL

You can call the last number dialled by:

1. Press UP to display the last number dialled.



2. Press to dial the number.
3. Press to end the call.

### MUTE

This feature allows you to turn the microphone off during private discussions.

1. Press to activate.
2. Press to deactivate.



ON	LED (red)
OFF	LED (blue)

## USING THE PHONEBOOK

### ADDING CONTACTS TO PHONE BOOK

Add numbers to your phone book to organize your contacts and enjoy the convenience of speed dial.

1. Press .
2. Scroll to the Phone Book menu .



3. Press .
4. Scroll to "Add entry" .



The either:

- Press and the number last dialled will appear automatically.
- or
- Enter a telephone number using the keypad.

5. Press .



6. Enter a name using the keypad:

Press the number that corresponds with the desired letter until you find the right one, pause and then enter the next letter. For more information about how to enter a name using the keypad, please refer to the "Keypad" subsection in "Key Features".

7. Press to save changes.

TIP: • Press to change caps.

- Press key to delete a character/number.
- Press to cancel.

**NOTE:** You can save up to 50 messages in your phonebook.

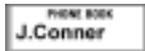


### EDITING CONTACT LIST

1. Press .
2. Scroll to the Phone Book menu .
3. Press .
4. Using the  key select EDIT.



5. Press .
6. Scroll to the name you want to edit .



7. Press .
8. Edit number using the keypad.



9. Press .
10. Edit name using the keypad.



11. Press  to save changes.

- TIP:
- Press  key to delete a character/number.
  - Press  to cancel.

### REMOVING A CONTACT

1. Press .
  2. Scroll to the Phone Book menu .
- 
3. Press .
  4. Select "Erase" .
  5. Press .
  6. Scroll to the name you wish to delete .

7. Press  to select.



Confirmation appears in the display

- Press  to cancel.
- Press  to confirm the deletion.

### SPEED DIAL

You can dial previously stored numbers in your book by:

1. Scroll through with  to find the desired contact.



2. Press  to call contact.
3. Press  to end call.



## ACCESSORIES AND SPARE PARTS

Please contact your local distributor for details about the availability of accessories and spare parts.

### TELE PLUGS

Item No.	Description
	Denmark
	Finland
	France
	Germany
	UK
	Netherlands
	Norway
	Spain
	Sweden
	Switzerland

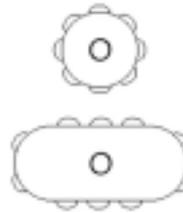
### SPARE PARTS

Item No.	Description
	Power supply and analogue POTS network cable, 7.5m (25ft)
	Mains transformer 12V DC (Europe)
	Mains transformer 12V DC (UK)
	Mains transformer 12V DC (US)

## ACCESSORIES DESCRIPTIONS

### ACOUSTICS

The OS200 delivers clear audible sound to the user. For optimum results the unit should be positioned accordingly as shown here:



- Layout for room sizes up to 30m<sup>2</sup> (323 sq. feet).

## TROUBLESHOOTING

PROBLEM	CHECK THIS
Third party called does not answer	Press  and then 1 to return to the first call.
Audio quality is not clear	Manually tune the acoustics (→→)
Called party cannot hear you	Check that the microphone is active (red light / →)
Unit not functioning correctly	Bypass any extension cables and connect your unit to the phone socket directly
	Disconnect any extra microphnoes attached and try again
When using the 3-way calling function and you cannot get a second dial tone	Insert a pause using the key when entering numbers in the phone book.

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Cannot save a contact "Memory Full" is displayed on LCD	Phone book is full (→), delete a contact to make room (→).
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### TECHNICAL INFORMATION

#### MAIN UNIT

Mains transformer (Europe)	: DC transformer 240V AC/12 V DC; 700 mA.
Mains transformer (UK)	: DC transformer 240V AC/12 V DC; 700 mA.
Network interface	: Analogue PBX or PSTN, RJ-11.
Power supply and network cable	: 7.5 metres, RJ-11 (line), EIAJ Class IV (power).
Recommended room conditions	: Reverberation time: <0.5 sec.
Background noise	: <45 dB(A).
Frequency response	: 200 – 3700 Hz.
Loudspeaker volume	: 85 dB SPL (increased if extra microphones are used).
Room echo suppression	: 208 ms.
Line echo suppression	: 25 ms.
Automatic calibration	: <1 ms impulse (not discernible).
Tape recorder output	: 3.5 mm tele jack. Contact for connection of tape recorder may only be connected to a SELV voltage in accordance with SS-EN 60 950.
Dimensions	: Diameter 232 mm.
Weight	: 700 g.
Temperature range	: 5 – 40°C in operation.
Humidity	: 20 % – 80 % non-

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condensing.	
EMC	: EN 50 081-1:1992 EN 55 024-1:1998 EN 60950
Electrical safety	: EN 60950.
Telecom approval POTS	: EUROPEAN TBR21.
Keyboard	: 19 keys.
Compatibility	: OS200 can be connected to any PBX equipped with a POTS extension, for example Ericsson: MD110, Fenix. Siemens: Hicom. Nortel: Meridan. Philips: Sopho. Alcatel: 4200, 4400. Ascotel: Ascotel.

### ABOUT OREGON SCIENTIFIC

Visit our website [www.oregonscientific.com](http://www.oregonscientific.com) to learn more about your voice recorder and other Oregon Scientific products such as hand-held organizers, alarm clocks, and weather stations. The website also includes contact information for our customer service department, in case you need to reach us.

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