

OWNER'S MANUAL
OXYGENE INTEGRATED AMPLIFIER



ROKSAN
OXYGENE

Introduction

Congratulations on the purchase of your new Oxygene Integrated Amplifier. You have made an excellent choice! All ROKSAN products are designed, engineered and manufactured in the United Kingdom. They are thoroughly tested before shipment in order to provide you the best musical satisfaction and a lasting value. We have gone to every length to ensure that your amplifier will be easy to operate, enabling you to enjoy your music immediately. We do, however, recommend that you read these instructions carefully. Your experience will benefit from knowing the details of operation of your new Oxygene Integrated Amplifier.

Unpacking

Carefully lift the amplifier out of the box and make sure not to scratch the fine surfaces.

Please save all the packaging in a dry place for future use. Should your unit ever require transporting, it is strongly advised to do so in the original packaging. Repair and servicing agents will insist on the original packaging. Your warranty may be affected, if an alternative packaging is used and transport damage is caused due to inadequate packaging.

General Safety Precautions

Read instructions

All the safety and operating instructions should be read carefully before the unit is operated.

Retain Instructions

The safety and operating instructions should be retained for future reference.

Heed warnings

All warnings on the equipment and in the operating instructions should be adhered to.

Water and moisture

The unit should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry machine, in a wet basement or near a swimming pool etc. Note: Liquids should never come into contact with this product.

Heat

The unit should be situated away from heat sources such as radiators, heat registers, stoves, direct sunlight or other components that produce heat.

Ventilation

The unit should be placed in a well ventilated environment and not be obstructed by soft furnishings such as bedding, sofas, on rugs or carpets, or similar surfaces that may block the vent openings, it is not advised to place in cabinets, cupboards or bookcases where ventilation is limited.

Non-use periods

Unplug the unit from the mains outlet when left unused for longer periods of time e.g. a vacation period.

Service and repairs

All service and repair work must be performed by a qualified technician, authorized by ROKSAN. The warranty will become void, if the unit has been modified or tampered with.

INSTALLATION

Installation

Keep power switched off when connecting or disconnecting the unit to other components. This will prevent unpleasant and loud noises coming from the loudspeakers and avoid the risk of damage to the equipment.

Power cord

The separate power cord supplied connects to the AC power socket on the rear panel. Make all other connections before fitting the mains power cord.

ON/OFF

Press the ON/OFF button, underneath and to the right front side of the Oxygene Integrated Amplifier to power it up. When switching the unit off please reduce the volume level to less than 20.

Standby

The Oxygene products do not have a standby function. This is because we constantly strive to make our products environmentally friendly; and the best way to save on electricity is to turn off the unit when not in use. Many audio products require a long warm up period in order to perform at their best. This is not the case with the Oxygene series as these units have

been designed using the latest digital technology.

Mains Voltage

The Oxygene Integrated Amplifier is factory set for a specific voltage and will only work with that voltage ($\pm 10\%$). The correct AC mains voltage is printed on the label situated at the bottom of the unit.

Make sure your AC mains voltage is correct before connecting the unit. three versions of the Oxygene Integrated Amplifier are available:

- 100 V 50/60 Hz
- 115 V 50/60 Hz
- 220-240 V 50/60 Hz

In case you move to a country that has a different AC supply voltage, contact your ROKSAN dealer or the authorized distributor for a professional conversion to the new supply voltage.

Loudspeakers

The rear panel of the Oxygene Integrated Amplifier has one pair of safety 4 mm Jack output sockets on either side. Please make sure not to short the wires when you connect your loudspeakers. Please use the special Roksan safety plugs for the loudspeaker cables.

Subwoofers

The Oxygene Integrated Amplifier has two RCA output connectors L/R labeled "OUT". These can be used for connecting active subwoofers. The

signal is volume regulated – known as a pre-out signal. This output can also be used for adding an amplifier for another room, or for bi-amping.

Cables

Please use the ROKSAN interconnects & loudspeaker cables. As better components and systems are developed, it becomes increasingly important to avoid the limitations of inferior system interconnections and cables.

General Receiver

The remote receiver is located behind the 3 small holes on the front top right corner of either amplifier or CD player.

Display and Dimmer

The Oxygene display has three brightness modes; Bright, Dim & off. When selecting any function either by remote control or touch of “LESS”, “IS” or “MORE” on the unit, the display will go bright to acknowledge contact allowing for functions to be selected. The dot matrix display will appropriately show “VOLUME” or “LINE INPUT”.

Batteries

The Oxygene’s minimalist remote carries two (2) CR 2430 button type batteries. To replace the battery access is achieved via the rear panel; remove four small screws, lift rear panel and carefully remove battery. Insert new battery taking care that the + (positive) is facing up as before. Replace rear panel and tighten screws until they stop turning, do not over tighten.

OPERATION

“LESS IS MORE”



(LESS IS MORE)

Input select

Touch “IS” once - then “LESS” or “MORE” to move backward or forward between inputs.

Volume Up

Touch “MORE”

Volume Down

Touch “LESS”

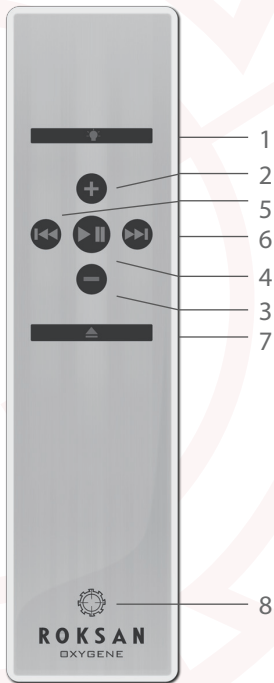
The Oxygene Integrated Amplifier has 3 touch sensitive switches incorporated in the words “LESS IS MORE” on top of the cabinet. These three switches/words control all basic functions of the integrated amplifier. You will get familiar with the various commands after just a few minutes. All functions can also be accessed via the Oxygene Remote Control (please refer to the section about the Oxygene Remote).

Less is More Controls

When one makes contact with “LESS”, “IS” or “MORE” the display will go bright to acknowledge contact allowing for function to be selected. After three seconds of having been left idle the display will go back to the previously chosen light intensity. Simply touch “LESS” or “MORE” to adjust the volume down or up respectively or to toggle between the different input channels.

Oxygene Remote Controls

Controls both the CD Player and the Integrated Amplifier.



Functions

- 1 Press to adjust the intensity of the display light :Bright, Dim & Off
- 2 Volume UP
- 3 Volume DOWN
- 4 PLAY & PAUSE
- 5 Previous track & Fast reverse
- 6 Next track & Fast Forward
- 7 EJECT CD
- 8 INPUT SELECT (Line1,2,3 & BT)

Display

The dot matrix display on amplifier will respectively show "VOLUME" or "LINE INPUT".

Dimmer

The Oxygene display has three brightness modes; Bright, Dim & off.

Bluetooth

How to set up your Bluetooth devices

The Oxygene Integrated Amplifier is fitted with the latest Bluetooth aptX technology.

In order to stream your music wirelessly from your Bluetooth devices to the Oxygene Integrated Amplifier you need to first pair them to the Bluetooth module in the Oxygene Integrated Amplifier. This is very easy and shouldn't take more than a few seconds.

For best uninterrupted BT connection keep the Bluetooth music source within 8 meters of the Oxygene amplifier in the room.

Streaming from mobile phones and other BT enabled devices

Make sure the line input on the Oxygene Integrated Amplifier is at "BT". Activate Bluetooth on your Bluetooth device and search for devices. The Oxygene Integrated Amplifier will be visible as "ROKSAN" on your mobile phone. If asked for the code, please enter '0000'. Please note that the Oxygene Integrated Amplifier will take a few moments to connect to your mobile phone for the first time. When the Oxygene Integrated Amplifier

and the mobile phone have been paired you can play wirelessly at anytime in the future without having to pair the devices again.

Changing between Bluetooth Devices

You can easily switch between playing on different Bluetooth devices. The Bluetooth module in the Oxygene Integrated Amplifier receives one signal at a time. Please disconnect one device from the Oxygene Integrated Amplifier before you play from another, e.g. disconnect one phone before you can connect and play music from a different phone. Up to 16 Bluetooth devices will be saved in the Oxygene memory.

Note: Sound output volume/quality produced on the Bluetooth channel can differ with the use of different brand/make of Bluetooth devices. e.g. devices with aptX technology will sound superior.

Recommendation: For optimum results use lossless audio format.

WARRANTY

Your ROKSAN Product is guaranteed against any defect in materials and workmanship for a period of two (2) years from the date of purchase or first use whichever is earlier. This guarantee only becomes effective once your product has been registered at Roksan within fourteen (14) days of purchase. ROKSAN reserves the right to ask for a copy of your purchase invoice.

This guarantee excludes:

- Damage caused due to accident, misuse, neglect and incorrect installation, adjustment or repair.
- Liability for damage or loss during transit from the retailer or purchaser to ROKSAN or its authorised distributor for the purposes of repair or inspection.

Warranty repair processes and conditions:

- Carriage costs to ROKSAN shall be borne by the consignor.
- All claims under this warranty must be made through an authorised ROKSAN retailer. If equipment returned for repair to ROKSAN is found on inspection to comply with the product specification ROKSAN reserves the right to make a charge for examination and return carriage.
- Unauthorised servicing will void this guarantee.
- Warranty will only be valid when the product is bought through a ROKSAN authorized retailer.
- All the warranty issues will be dealt with through the selling retailer and

or market distributor.

This warranty is subject to the following conditions and limitations:

- The warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in the owner's manual, abused, misused or damaged by accident, neglect or while being transported, or the defect is due to the product being repaired or tampered with by anyone other than ROKSAN or an authorized ROKSAN repair centre or retailer.
- The product must be packed properly using the original shipping carton, and returned to ROKSAN or an authorized ROKSAN repair centre. Before shipping a product to ROKSAN a return authorisation reference must be obtained from ROKSAN.
- A written description of the defect and photocopy of the original purchase receipt must also accompany a returned product.
- If these terms are not fulfilled, ROKSAN will not cover the repair costs.

Visit : <http://www.roksan.co.uk/rw.php> for warranty registration.

In case of difficulty Call: +44 (0)20 8900 6801

SPECIFICATIONS

Oxygene Integrated Amplifier

2 channel integrated amplifier

3 pairs of analogue inputs via RCA

Up to 16 Channels of Bluetooth memory

L/R outputs for active subwoofer(s) , or a 2nd Zone amplifier or bi-amping.

aptX Bluetooth connection for improved sound quality from aptX enabled smartphones and other aptX sources

Power bandwidth

1 Hz – 35 kHz

Total Harmonic Distortion (THD)

Better than 0.1 %

Signal to noise ratio

95 dB

Input sensitivity

> 1 Vrms

Input impedance

10 k Ω

*Output power at 230V AC

90 Watt rms / 8 ohm

130 Watt rms / 4 ohm

with external PSU

120 Watt rms / 8 ohm

180 Watt rms / 4 ohm

Output Impedance

0.02 ohm @ f > 1 kHz

Current maximum

16 A peak, 32 A peak to peak

**Mains power see

100 V/ 115V / 220V - 240 AC at 50Hz or 60Hz

Max power consumption

<250 Watt

Dimensions (WxDxH)

12 x 12 x 2 inches (31 x 31 x 6 cm) + feet

Weight (Net)

7KG (15.4 LBS)

* Both channels driven at 1 kHz.

** Mains voltage must be specified at order. Products for Japan get 100V AC special transformers installed at the Roksan factory. Mainland Europe get 230 V AC transformers, USA and Canada get 115 V AC transformers.

UK products get transformers, which are made to handle 240V.

For other countries please ask your dealer before purchase.

If you move to a country with a different AC voltage, you need first to contact Roksan about changing the mains transformers in your amplifier. You can totally destroy the amplifier by using it with the wrong AC voltage. This event is not covered by warranty.

All amplifiers can handle their AC voltage plus and minus 10%.

All specifications are liable to change without prior notice. E&OE

Miscellaneous

- Any implied warranties relating to the above product shall be limited to the duration of this warranty.
- This warranty does not extend to any incidental or consequential costs or damages to the purchaser.
- Your consumer rights are not affected in any way.

Notice

ROKSAN reserves the right to modify the design of any product without obligation to purchasers of previously manufactured products and to change the price and specifications of any product without notice or obligation to any person.

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