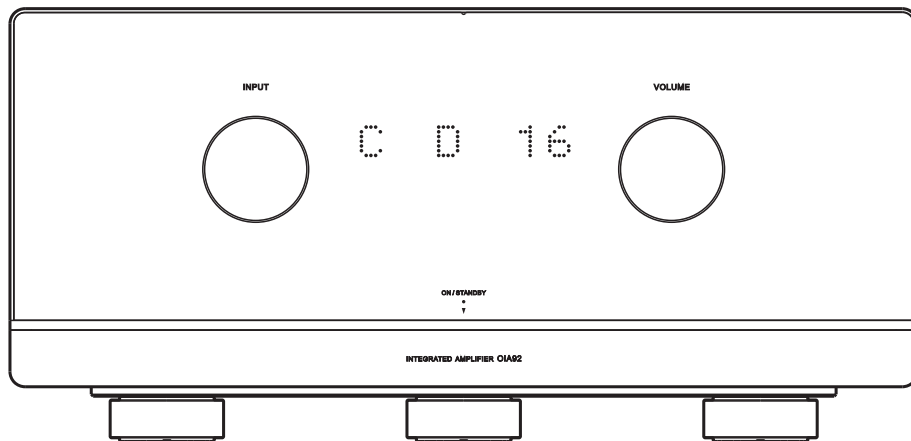# ONIX

OWNER'S MANUAL

OIA92

INTEGRATED AMPLIFIER

INPUT   C D 16   VOLUME

ON / STANDBY

INTEGRATED AMPLIFIER OIA92

Notices for Use

CAUTION: RISK OF ELECTRIC SHOCK. DO NOT OPEN.

The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-insulated dangerous voltage within the product's enclosure which may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

1. Do not open this device yourself to repair or modify it. You should never attempt to service the product beyond that described in this manual. All other servicing should be referred to qualified service personnel. Opening this device or attempting to carry out any modification without approval may affect the performance or quality of this device.

2. For good ventilation, a minimum of 10cm clearance shall be maintained at the back and two sides and 20cm at the top of the unit.

3. Allow no water dripping or splashing into the unit. Place no object containing liquid on the unit, e.g. Vase.

4. Do not cover any ventilation hole with newspaper, cloth, curtain, etc. in case of ventilation blocking.

5. Allow no exposed flame source on the unit, e.g. burning candle.

6. The unit shall be connected to AC power output socket with grounding protection.

7. If power plug and appliance coupler are used as disconnecting device, the disconnecting device shall be easily operable.

8. Any batteries requiring disposal must be handled in accordance with local regulations.

9. This device is intended for safe use in an area with elevation under 2000m. (Fig.1)

10. This device is intended for safe use under non-tropical climate conditions. (Fig.2)
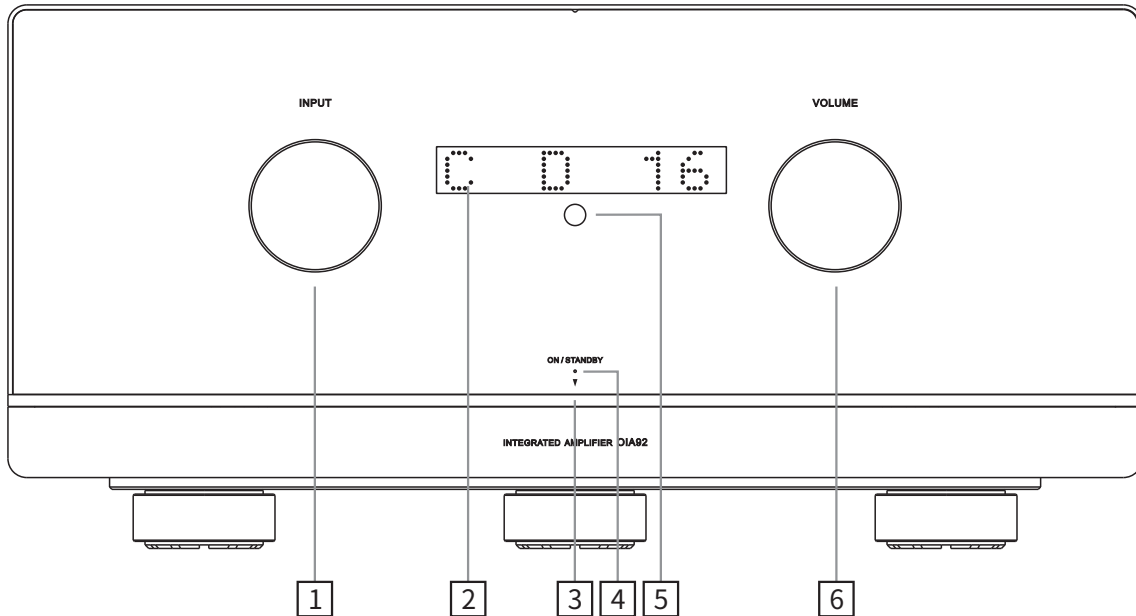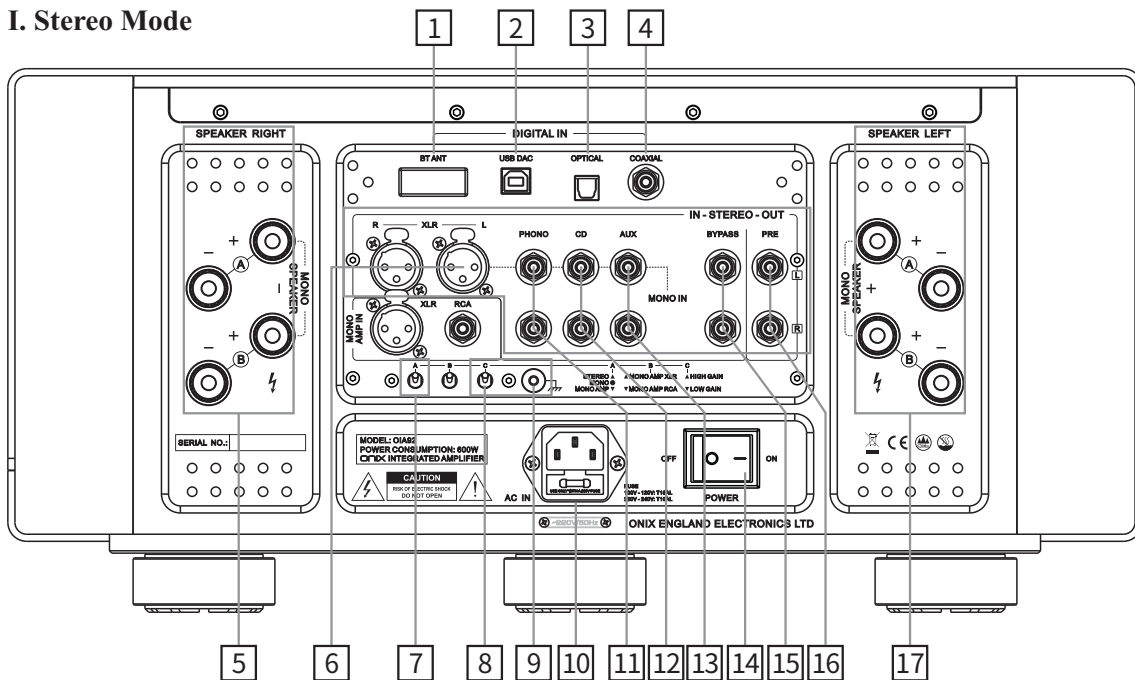
Fig.1   Fig.2

Names of Parts

1. Signal selection button
2. Display window
3. Standby contact switch (the whole metal bar)
4. Standby indicator light
5. Remote control receiving window
6. Volume adjusting knob

I. Stereo Mode

1. Bluetooth antenna
2. USB DAC signal input interface
3. OPTICAL signal input interface
4. COAXIAL signal input interface
5. Right sound channel speaker output interface
6. XLR signal input interface
7. Mode selection switch (built in STEREO)
8. Gain switch
9. Ground terminal
10. AC input socket (fuse attached)
11. PHONO player signal input interface
12. CD signal input interface
13. AUX signal input interface
14. Main power switch
15. BYPASS pass signal input interface
16. PRE AMP signal output interface
17. Right sound channel speaker output interface

II. Mono Integrated Amp Mode
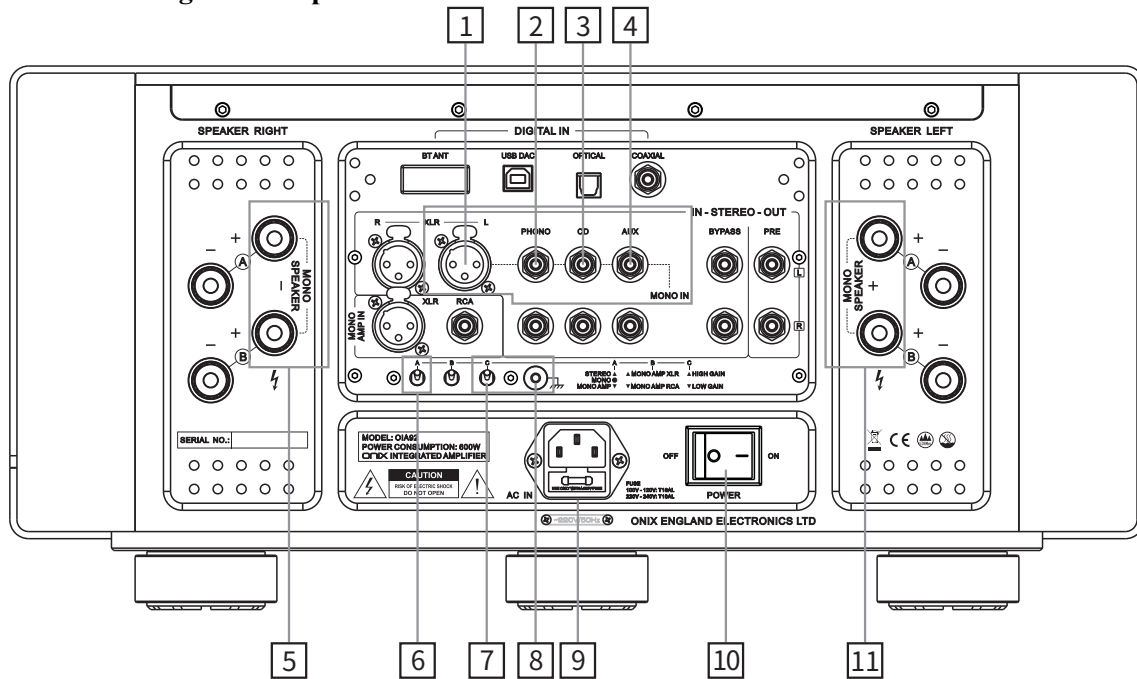
1. XLR signal input interface
2. PHONO player signal input interface
3. CD signal input interface
4. AUX signal input interface
5. Speaker output interface "-" end
6. Mode selection switch (built in MONO)

7. Gain switch
8. Ground terminal
9. AC input socket (fuse attached)
10. Main power switch
11. Speaker output interface "+" end

III. Mono Power Amp Mode

1. XLR signal input interface
2. RCA signal input interface
3. Speaker output interface "-" end
4. Mode selection switch (built in MONO AMP)
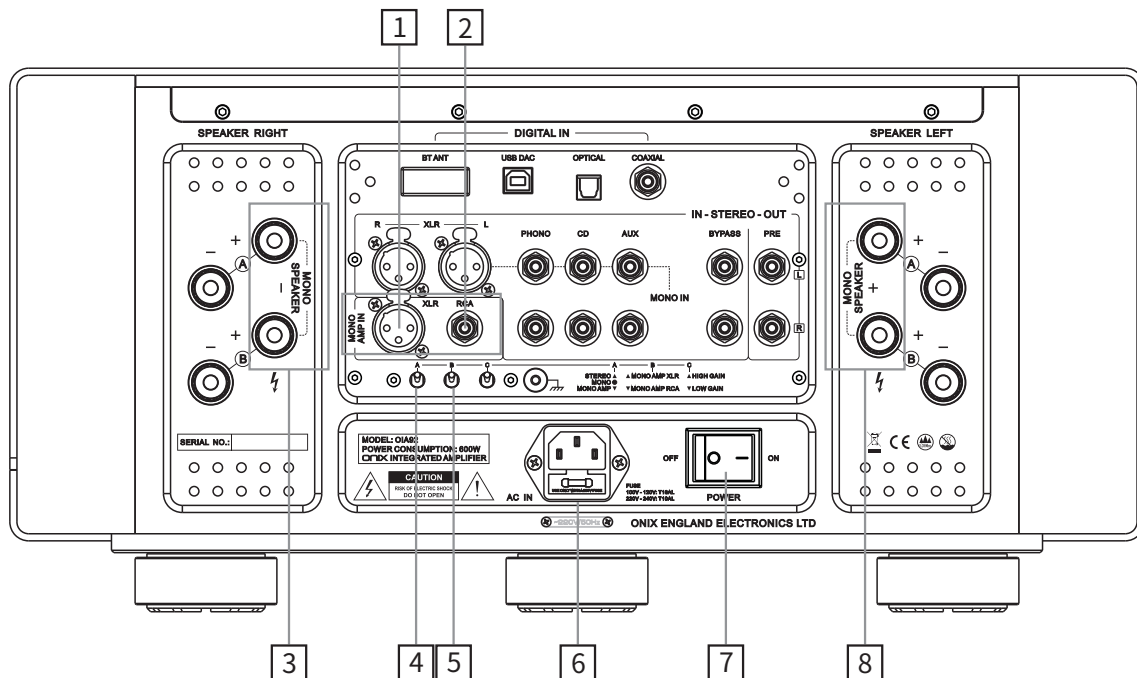
5. Input source selection switch
6. AC input socket (fuse attached)
7. Main power switch
8. Speaker output interface "+" end

Remote Control Diagram

Mute button — (remote diagram) — Brightness adjusting button

Input shift selection button — (remote diagram)

Volume up button

Volume down button

Device mode shift button
(placing at CD/AMP position)

Standby switch button
(press and hold)

XRC-3C

ONIX

Notes:
The unmarked button are not functional buttons
of the device, therefore pressing those button is
invalid operation.
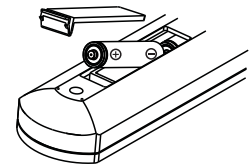
Install Battery

1. Open the battery cover.

2. Insert 2 AAA batteries and check the positive and negative polarity of the
   batteries is correct.

3. Close the battery cover.

Operation Instructions

Preparations

1. Properly connect the power line, signal line of the device and the amplifier, and make sure the connection of the output line of the amplifier has no short circuit. Rotate the volume adjusting knob counterclockwise to the minimal position.

2. Move the power switch on the back-panel to "ON" position. The indication light of the "ON/STANDBY" on the panel will turn red. At this time, touch the metal bar (more than 1 second) or press and hold the 〈CD/AMP〉 button on the remote control, the indication light will turn to green, and the device will start to work. After about 3 seconds, the relay closes, then you can select corresponding input interface, and adjust the volume by rotating the knob slowly to a proper position, then the device will start to work.

3. When the device needs to be powered off, touch the metal bar on the panel (more than 1 second) or press and hold on the 〈CD/AMP〉 button, the indication light will turn red. At this time, the device is in a standby mode. Move the power switch on the back panel to "off" position and the device is powered off.

4. If the device will not be used for a long time, please unplug the AC power line connected to the device.

Input shift

Rotate the 〈INPUT〉 knob on the board or press the 〈INPUT ∧、∨〉 button on the remote control, the audio source can be shifted to the corresponding input interface, and the current input will be displayed on the display screen.

Volume adjusting

Adjusted volume by rotating 〈VOLUME〉 knob on the front-panel, while rotating counterclockwise is reducing the volume, rotating clockwise is increasing the volume. The volume can also be adjusted by pressing the 〈VOLUME＋、-〉 button on the remote control.

Notes: Before starting the device, please make sure the volume knob is not rotated to an excessive position, otherwise the sound box will be burnt.

Mute

1. When the audio function is normally working, press the 〈MUTE〉 button on the remote control, there will be a "MUTE" on the display screen, then the audio output of the device is stopped.

2. When the device is in a mute condition, press the 〈MUTE〉 button once, the audio function is restarted.

Output protection

When the device is overloaded, the relay that protects the device will disconnect at once, and there will be a "PROTECT" displayed on the display screen. At this time, you should power off the device and check and remove the overloading. 5 minutes later, restart the device, and the device will start to work in normal state.

Gain adjusting

This function enables users to choose different devices (amplifier or signal source). When the sensitivity of the amplifier is low or the signal source output electric level is low, please move the gain selection switch to a "HIGH GAIN" position; when the amplifier is highly sensitive or the signal source output electric level is high, please move the gain selection switch to a "LOW GAIN" position.

Mode selection

Users can select different mode according to their requirement.
(Note: Amplifier needs to be restarted after switching mode)

Display brightness adjusting

1. Combining the brightness of play environment, press the 〈DIMMER〉 button on the remote control to adjust the brightness of the displayed words.

2. Press 〈DIMMER〉 button on the remote control, the display brightness intensity circulate among "bright, dim, off", and each time the users press, the brightness will be changed to the next mode.

3. When the device is started, the display screen is automatically put into a "bright" status.

Bluetooth Input

1. Switch the input to Bluetooth BT mode.

2. Open Bluetooth settings on your device and search for new devices.

3. Amplifier will show up as "ONIX OIA92"。

4. Pair it with your device and let it connect.

USB Setting

1. Connect the USB cable from PC to the rear panel of the unit.

2. Turn on the unit and choose the USB source by turn the 〈INPUT〉 knob on the front panel or press the 〈INPUT ∧、∨〉 keys on the remote control.

3. Install the driver software into the PC from the "USB driver disc".

4. Setup the "SOUND" option on the PC, set the "Speaker XMOS USB Audio" as the default device.

Troubleshooting

Fault	Possible causes	Solution
No power	Poor connection in socket or no utility.	Check power source and connect socket tightly.
No sound	Audio cable not connected. Volume knob is at min.	Re-connect audio cables. Adjust volume to preferred level
No remote control	Remote battery misplaced or depleted.	Reinstall or replace batteries.

Note: If the amplifier still exhibits a fault after checking the possible causes, please contact your local distributor or service centre. Return the machine to service centre if necessary.

Technical Specification

Input sensitivity rate	300mV (RCA); 600mV (XLR) (H GAIN) 600mV (RCA); 1.2V (XLR) (L GAIN)
Frequency response:	10Hz-30KHz (-1dB)
Player input sensitivity rate (MM)	2mV (H GAIN) 4mV (L GAIN)
THD	<0.009% (5W)
Maximum output power	360W/4 Ohm × 2; 200W/8 Ohm × 2 (Stereo) 500W/8 Ohm (Mono)
SNR	>98dB
USB input	USB2.0; 32bit/768kHz
DSD support	DSD64; DSD128; DSD256
Wireless connection	Bluetooth 5.0
Power consumption	600W
Dimension (W × D × H)	480 × 468 × 230mm
Net weight	About 29kg

Accessories

User manual	Remote control
Power source line	USB drive disc
USB line	

使用注意事项

	注意：为防电击，请勿打开机盖。
⚡ ⚠ **CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN	⚡ 等边三角形中有箭头闪电符号的图形表示警告使用者在产品内有高压电，会导致人为的触电。 ⚠ 等边三角形中有叹号的图形表示警告使用者该设备有重要的操作和维护指示。

1. 不可自行开启本机进行维修或改造！本产品不设有用户自行检修的零件，本机的维修须请具备专业资格的人员进行。开启机器及随意改造内部电路会令检修人员难以维修本机，而且会对机器造成性能或质量的影响。

2. 为了充分通风，设备背面和两侧应最少保留10cm，顶部应最少保留20cm的空间。

3. 设备不应遭受水滴或水溅，机器上不应放置诸如花瓶一类的装满液体的物品。

4. 通风孔不要覆盖诸如报纸、桌布和窗帘等物品而防碍通风。

5. 设备上不要放置裸露的火焰源，如点燃的蜡烛。

6. 设备应当连接到带保护接地连接的电网电源输出插座上。

7. 用电源插头和器具耦合器作为断开装置，断开装置应当保持能方便地操作。

8. 必须遵照电池废弃的相关地方条例来废弃旧电池。

9. 仅适用于海拔2000m以下地区安全使用，标志见图1。
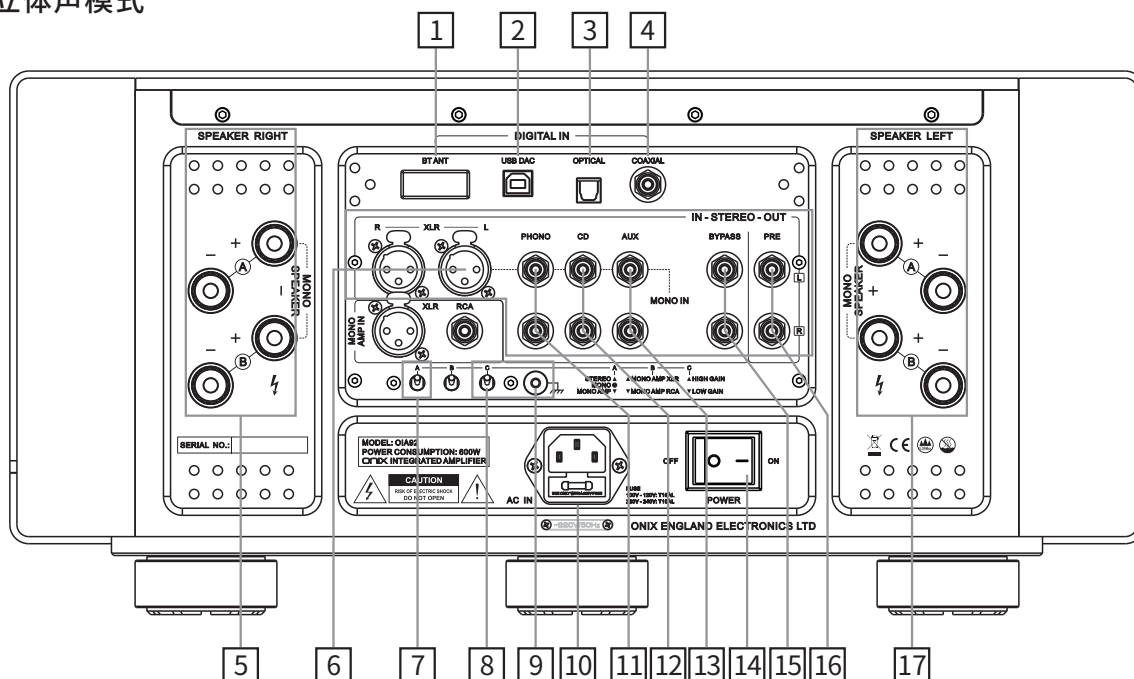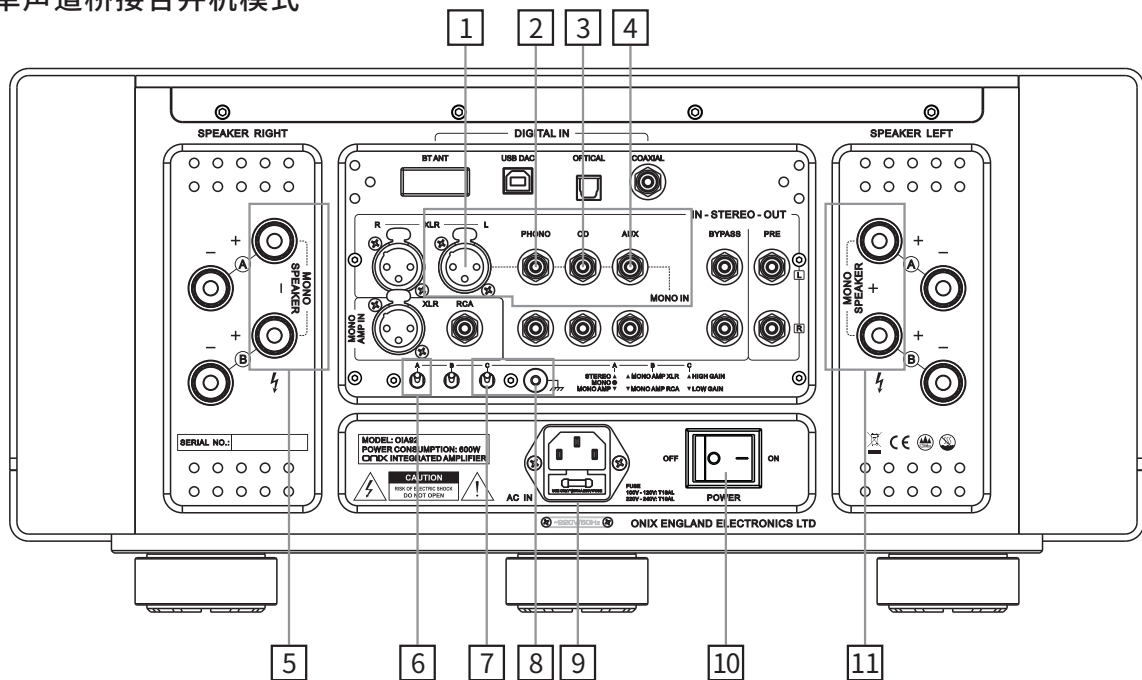
10. 仅适用于非热带气候条件下安全使用，标志见图2。

图1   图2

部件名称

1. 信号选择旋钮
2. 显示窗口
3. 待机触摸开关(整条金属)
4. 待机指示灯
5. 遥控接收窗口
6. 音量调节旋钮

一. 立体声模式

1. 蓝牙天线
2. USB DAC数字信号输入接口
3. 光纤数字信号输入接口
4. 同轴数字信号输入接口
5. 右声道扬声器输出接口
6. XLR信号输入接口
7. 模式选择开关 (置于STEREO)
8. 增益选择开关
9. 接地端子
10. 交流电源输入插座 (带保险管)
11. PHONO唱机信号输入接口
12. CD信号输入接口
13. AUX信号输入接口
14. 总电源开关
15. BYPASS直通信号输入接口
16. PRE前级信号输出接口
17. 左声道扬声器输出接口

二. 单声道桥接合并机模式

1. XLR信号输入接口
2. PHONO唱机信号输入接口
3. CD信号输入接口
4. AUX信号输入接口

5. 扬声器输出接口 "-" 极
6. 模式选择开关 (置于MONO)
7. 增益选择开关
8. 接地端子

9. 交流电源输入插座 (带保险管)
10. 总电源开关
11. 扬声器输出接口 "+" 极

三. 单声道纯后级模式

1. XLR信号输入接口
2. RCA信号输入接口
3. 扬声器输出接口 "-" 极

4. 模式选择开关 (置于MONO AMP)
5. 输入源选择开关
6. 交流电源输入插座 (带保险管)

7. 总电源开关
8. 扬声器输出接口 "+" 极

遥控器示意图

静音键 — MUTE SRC

显示亮度调节键 — DIMMER DISP

输入切换选择键 — INPUT

音量增加键 — VOLUME +

音量减小键 — VOLUME −

机型切换键
置于CD/AMP状态

待机开关键(长按) — CD/AMP

XRC-3C

ONIX

注: 遥控器未标示按键非本机功
能,操作无效属正常现象。
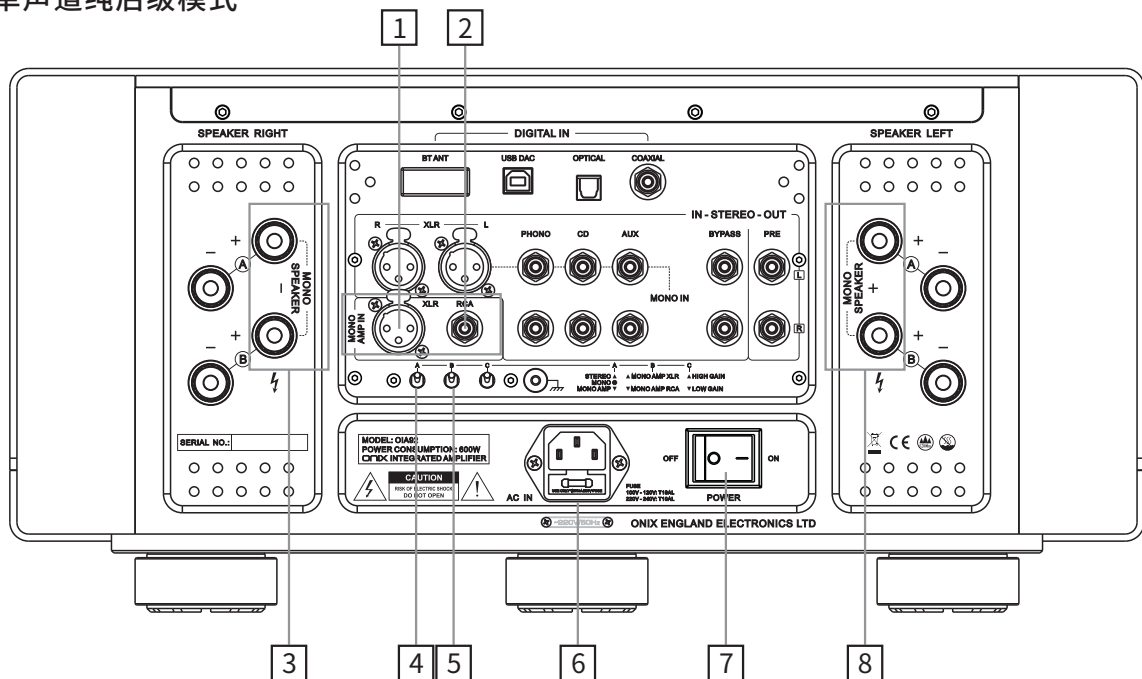
电池安装

1. 打开电池盖。

2. 装入两节七号电池,确认电池正负极安装正确。

3. 盖上电池盖。
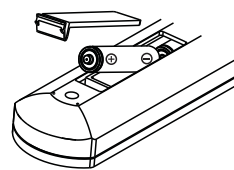
操作说明

准备工作

1. 首先连接好机器的电源线、信号线及扬声器等输入输出线，确认扬声器输出线连接无短路，并将机器的音量旋钮逆时针旋到最小的位置。

2. 将后板上的电源开关置于"ON"位置，面板上的"ON/STANDBY"指示灯点亮为红色，此时可触摸面板上金属条的任何位置(1秒以上)或长按遥控器上的〈CD/AMP〉键，指示灯变为绿色。约3秒钟后继电器吸合，选择相对应的输入接口，再将音量旋钮顺时针慢慢旋到音量合适位置，机器进入正常工作状态。

3. 要关闭本机电源时，触摸面板上金属条的任何位置(1秒以上)或长按遥控器上的〈CD/AMP〉键，指示灯变为红色，此时机器处于待机状态，再将后板上的电源开关置于"OFF"位置即可关闭本机电源。

4. 若长时间不使用本机，请将与机器连接的交流电源线插头拔下。

输入切换

旋动面板上的〈INPUT〉旋钮或按遥控器上的〈INPUT∧、∨〉键可将音频切换到相对应的输入端口，显示屏将显示当前输入。

音量调节

音量调节通过机器前面板上的〈VOLUME〉音量旋钮调节，逆时针方向旋转为减小音量，顺时针方向旋转为增大音量。也可使用遥控器上的〈VOLUME +、-〉键对机器音量进行调节。

注：每次开机时须先检查音量旋钮是否调得太大，以免烧坏音箱。

静 音

1. 在放音状态下，按下遥控器上的〈MUTE〉键，显示屏显示"MUTE"字符，此时机器无声音输出。

2. 在静音状态下，再按下遥控器上的〈MUTE〉键一次，恢复正常放音状态。

输出保护

当机器输出过载时，本机保护电路的继电器将立即断开，显示屏上显示"PROTECT"字样，此时须关闭机器电源，排除过载原因。等待约 5 分钟后，重新开机才能使机器正常工作。

增益调整

此功能为用户使用本机时搭配不同的器材（扬声器、信号源）时使用，当搭配低灵敏度的扬声器或信号源输出电平较低时，请将增益选择开关置于"HIGH GAIN"位置；当搭配高灵敏的扬声器或信号源输出电平较高时，请将增益选择开关置于"LOW GAIN"位置。

模式选择

用户根据自己使用的方式，选择不同的模式。(注：切换模式后需要重新开机)

显示亮度调节

1. 结合播放环境的光线强度，可按下遥控器上的〈DIMMER〉键进行显示区显示字符的亮度调节。

2. 每按下一次遥控器上的〈DIMMER〉键，显示区亮度将从"亮"、"暗"、"关"中循环变换。

3. 开机时显示区自动置于"亮"状态。

Bluetooth 输入

1. 将信号源切换到"BT"状态。

2. 此时本机蓝牙会一直处于可以被搜索状态，打开手机或iPad等搜索蓝牙设备。

3. 在搜索到的设备中选择"ONIX OIA92"。

4. 设备连接好后，使用播放软件播放音乐即可。

USB设置

1. 将USB电缆从电脑连接到机器后板上。

2. 打开机器电源并旋动面板上的〈INPUT〉旋钮或按下遥控器上的〈INPUT∧/∨〉键，选择到对应的USB 输入信号。

3. 将随机附带的"USB驱动光盘"安装到电脑上。

4. 将电脑的"声音"选项进行设置，并把"扬声器 XMOS USB Audio"勾选为默认设备。

常见故障及排除

故障现象	可能的原因	处理办法
电源无法接通	电源插座接触不良或无电。	检查电源的来路，插紧插座。
无声音	音频电缆没接好。 音量旋钮调到最小。	正确连接音频电缆。 调节音量旋钮，使声音大小适当。
无遥控	遥控器的电池装反或耗尽。	重新安装电池或更换新电池。

注: 如按以上方法还无法正常工作，请与当地经销商或维修点联络，必要时将机器送维修点检查。

技术规格

输入灵敏度	300mV(RCA)；600mV(XLR)（高增益） 600mV(RCA)；1.2V(XLR)（低增益）
频率响应	10Hz-30KHz（-1dB）
唱机输入灵敏度（MM）	2mV（高增益） 4mV（低增益）
失真度	<0.009%（5W）
最大输出功率	360W/4Ω×2；200W/8Ω×2（立体声） 500W/8Ω（单声道）
信噪比	>98dB
USB接收器规格	USB2.0；32bit/768kHz
DSD信号规格	DSD64；DSD128；DSD256
蓝牙标准	Bluetooth 5.0
消耗功率	600W
体积（宽×深×高）	480×468×230mm
净 重	约29kg

随机附件

用户手册 电源线 USB线	遥控器 USB驱动光盘

ONIX ENGLAND ELECTRONICS LTD