

# ROKSAN

## *Platinum* BISFUND



### *PR15B*

Dual Mono Precision Preamplifier

## USER MANUAL

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Congratulations on your purchase of the ROKSAN **Platinum PRI5B** Preamplifier. This preamplifier is designed and manufactured to the highest specification and rigorously tested to offer you unsurpassed performance for many years of trouble-free pleasure.

Your **Platinum** preamplifier is at the heart of your hi-fi system. Correct installation, set-up and operation of this preamplifier and its partnering equipment will have a profound influence on the sonic performance of the entire system.

Please read the contents of this manual thoroughly. It will help you to understand your hi-fi equipment better and enhance your listening pleasure.

This manual is divided into the following sections:

- Safety Instructions (*accompanying card*)
- Introduction
- Cautions
- Installation
- Setup
- Operation
- Troubleshooting
- Guarantee
- Specifications
- Notes

## UNPACKING

Included in the packing of your **Platinum** preamplifier you will find:

- One mains lead fitted with the correct mains power plug for your country
- One **Platinum** system remote handset and batteries (x2 AAA size & 2mm A/F Allen Key)
- One information pack and warranty card

After removing these items please retain **all** packing materials. Correct packing is necessary for transportation of your preamplifier.

## MAINTENANCE

After disconnecting the preamplifier from the mains supply, the cabinet and front panel may be cleaned with a lightly dampened soft cloth. **Avoid using abrasives or solvents.**

## EU DIRECTIVES

This product is designed to comply with the legal provisions of EU Directives 89/3336/EC and 72/23/EC. The standards which have been applied are those which were in force at the time of the introduction of this product.

This product bears the **CE** mark.



This product is compliant to EN 60065.

**This product must be earthed.** Please ensure that other equipment connected to it is earthed according to the manufacturer's instructions.

## **AC MAINS SUPPLY**

Your **Platinum** preamplifier is set to operate from a fixed supply voltage which is marked on a label next to the mains input plug. Before connecting the mains lead please check that your mains supply corresponds to this label as below:

<b>230V Products</b>	<b>Voltage Range:</b>	<b>220V – 240V</b>
<b>115V Products</b>	<b>Voltage Range:</b>	<b>100V – 120V</b>
<b>100V Products</b>	<b>Voltage Range:</b>	<b>90V – 110V</b>

The mains lead supplied with this product has an IEC mains socket which plugs into the IEC connector on the unit's rear panel. The other end is normally attached to the appropriate mains plug for your country. In the UK this is the standard UK13A plug.

This plug should ordinarily not be removed from the lead. If you *do* remove it, please dispose of it safely so that it cannot be plugged into a mains socket whilst in a potentially dangerous condition. We suggest that you obtain from your dealer a complete replacement lead.

Should you move to another area where either the mains voltage or the mains plugs are different from those as supplied with your preamplifier, please contact the appointed ROKSAN distributor for assistance.

**Please observe correct mains polarity at all times.**

The preamplifier mains fuses are located on the rear panel next to the IEC mains connector. These must only be replaced by the fuse type and rating as described on the fuse rating label on the rear panel of the unit.

If the equipment is likely to be unused for some time, unplug it from the mains supply.

## **GENERAL CAUTIONS**

### **FCC WARNING**

This equipment may generate or use Radio Frequency energy. The user may lose the right to operate this equipment if unauthorised modifications are made.

### **INTERFERENCE**

Properly installed, this unit should not cause harmful interference to radio communications, There is, however, no guarantee that such interference will not occur in a specific installation. If interference arises (which you can determine by switching the unit off and on) you could try to remedy this problem by the following:

- Re-orient or re-locate the receiving antenna
- Increase the distance between the preamplifier and receiver
- Connect the unit to a different mains circuit from that of the receiver
- Consult your ROKSAN appointed dealer or an experienced Radio/TV technician for help and advice

### **LOCATION**

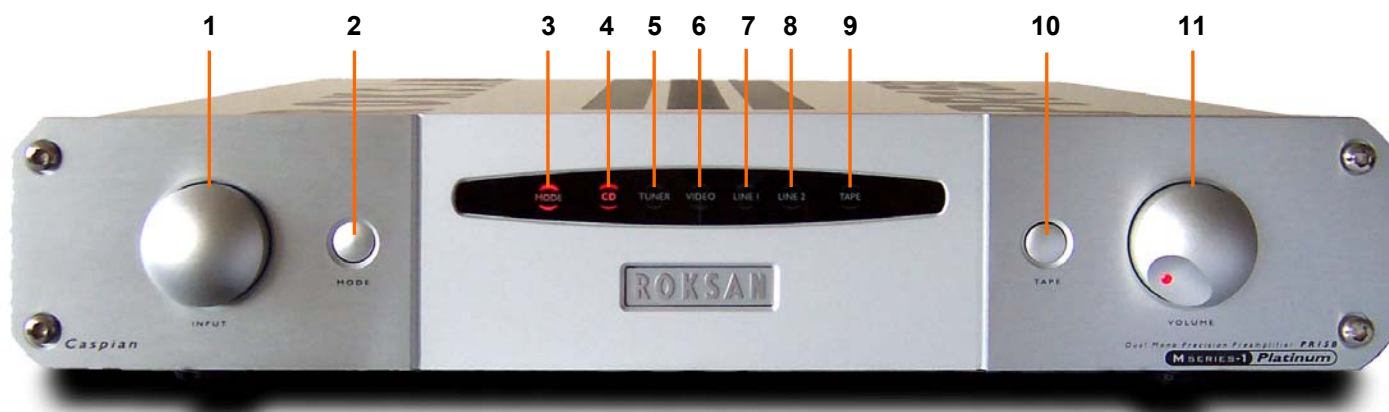
Your **Platinum** preamplifier should be located in a well ventilated area and kept away from sources of heat, dust, humidity and direct sunlight.

The preamplifier may be positioned either as a free standing unit or alongside another audio/video product. Never place the preamplifier on carpet or any surface likely to hinder normal ventilation. Never allow liquids or other objects to fall into the unit.

This unit contains no user serviceable parts.

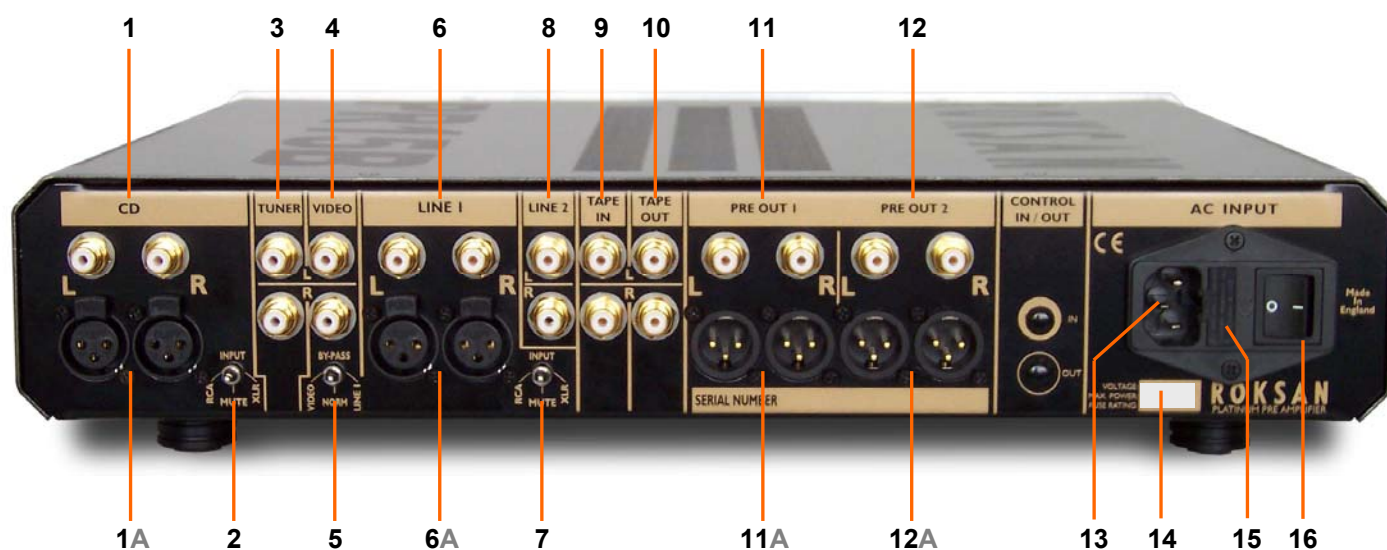
**Do Not remove any panels or attempt to service it yourself. Unauthorised servicing will void the warranty.**

## ROKSAN Platinum Preamplifier- Front Panel View



- |   |                       |    |                              |
|---|-----------------------|----|------------------------------|
| 1 | Input Selector        | 7  | Line 1 Input Indicator       |
| 2 | Mode Button           | 8  | Line 2 Input Indicator       |
| 3 | Mode Indicator        | 9  | Tape Monitor/Input Indicator |
| 4 | CD Input Indicator    | 10 | Tape Monitor/Input Button    |
| 5 | Tuner Input Indicator | 11 | Volume Control               |
| 6 | Video Input Indicator |    |                              |

## ROKSAN Platinum Preamplifier - Rear Panel View



- |    |                                  |     |                              |
|----|----------------------------------|-----|------------------------------|
| 1  | CD RCA Input                     | 9   | Tape Input (Record)          |
| 1A | CD Balanced XLR Input            | 10  | Tape Output (Playback)       |
| 2  | CD Input RCA/MUTE/XLR Switch     | 11  | Preamp RCA Output 1          |
| 3  | Tuner Input                      | 11A | Preamp Balanced XLR Output 1 |
| 4  | Video Input                      | 12  | Preamp RCA Output 2          |
| 5  | Video/Line 1 Input Bypass Switch | 12A | Preamp Balanced XLR Output 2 |
| 6  | Line 1 RCA Input                 | 13  | AC Mains IEC Inlet           |
| 6A | Line 1 Balanced XLR Input        | 14  | Voltage & Fuse Label         |
| 7  | Line 1 Input RCA/MUTE/XLR Switch | 15  | AC Mains Fuseholder          |
| 8  | Line 2 Input                     | 16  | AC Mains Power Switch        |



## CONNECTING MAINS POWER

Please refer to rear panel view on Page 4. The moulded IEC connector of the supplied mains lead should be plugged into the socket (13) on the rear of the unit first and then plugged into the mains supply. The Mains power switch (16) is on the rear panel of the preamplifier. This switch is normally left on. **If the unit is likely to be unattended for a period of time (Week-end, Holidays etc.) switch it off and for absolute safety unplug the mains lead from the wall.**

Choose a non-resonant, rigid shelf/structure to place your preamplifier on (e.g. dedicated High quality equipment stand with adequate ventilation). The **Platinum** preamplifier utilises specially designed decoupling feet which reduce mechanical vibrations reaching the internals. This feature enhances performance of the preamplifier. \*\*\* [See opposite:](#)



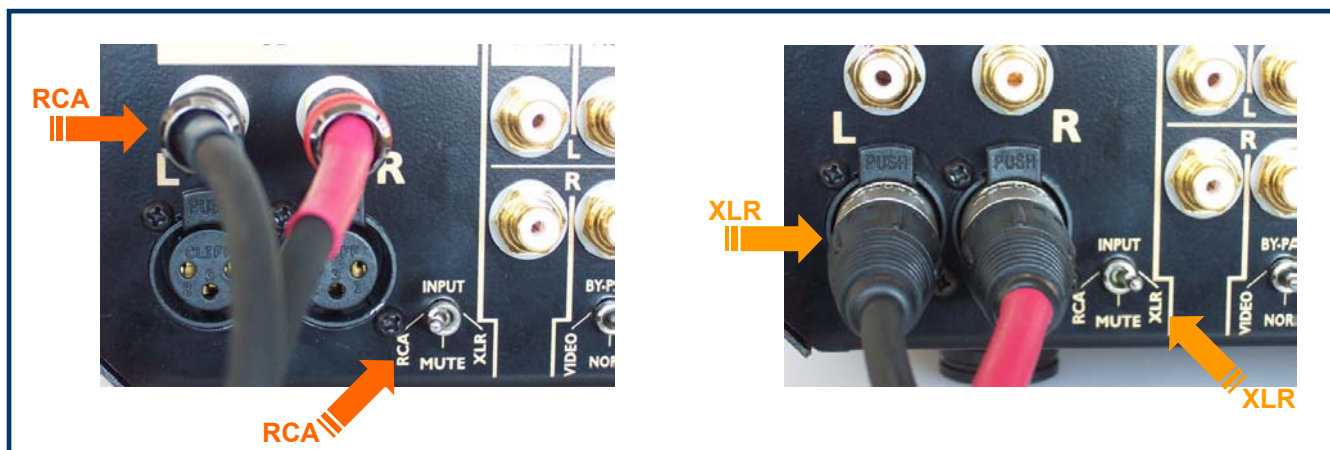
## SIGNAL CONNECTIONS

### Signal Input connections:

There are 5 Line Level Inputs on your **Platinum** preamplifier in addition to the Tape Monitor/Input (6). All the inputs accept single-ended **RCA** Phono Connectors and should be connected according to the standard convention **Right Channel – Red** ; **Left Channel – White**

**CD & Line 1** Inputs also accommodate Balanced **XLR** connectors. These two inputs are provided with a selector switch at the back and can be set to single-ended (**RCA**) or Balanced (**XLR**) or be Disconnected (**Mute**).

\*\*\* [See below:](#)



In addition either Video or Line 1 Inputs can be set as Bypass. In this mode the selected Input will not go through the preamplifier's gain/volume section, instead the signal is connected directly to the Preamplifier outputs. This is particularly useful when integrating your Audio/Visual system with your main Hi-Fi system. In this mode the L & R 'outs' from your surround sound processor should be connected to either Video or Line 1 input of your **Platinum** preamplifier and the BYPASS switch is set to that input. Now whenever that input is selected the signal will just pass straight through to the Pre Outs with volume controlled by the processor.

\*\*\* [See opposite:](#)

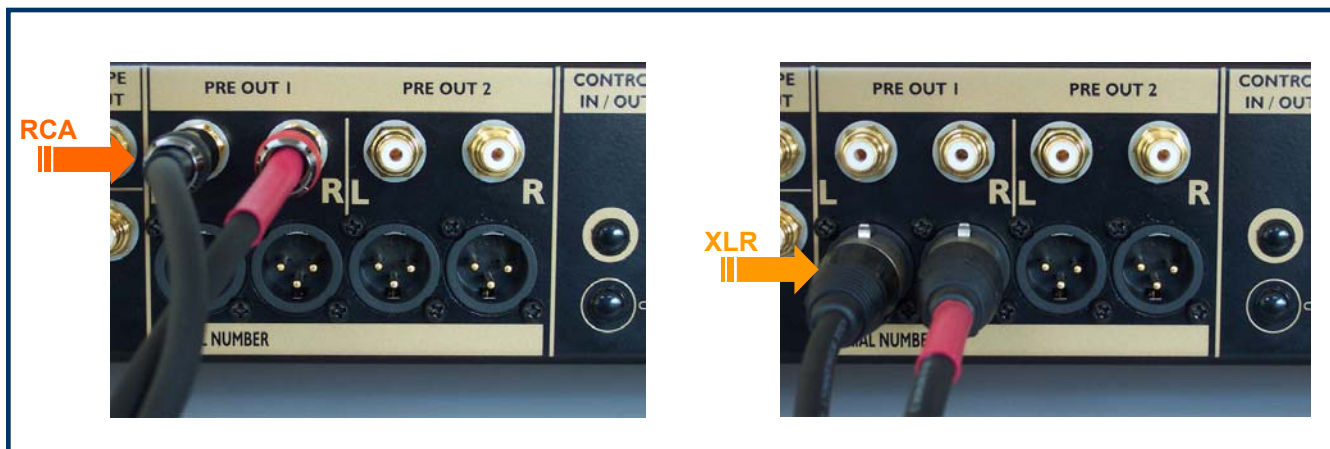
If you do not require such a combination, then simply set the BYPASS switch to **NORM**.

In the figure shown, the Video Input is set Bypass (**BYPASS** Switch set to **VIDEO**). And the Line 1 Input is used in Balanced mode (**INPUT** Switch set to **XLR**).



Your **Platinum** preamplifier has four sets of Pre Outs; **x2 RCA** and **x2 Balanced XLR**.

\*\*\* [See below:](#)



All four outputs are always active and can be utilised in multi-amp configurations.

#### Phono Input Connections:

Your **Platinum** preamplifier has line level inputs and you cannot connect a phono cartridge directly to it. ROKSAN Phono Amplifier range accept conventional moving coil and moving magnet cartridges and has custom equalisation for the outstanding ROKSAN Shiraz MC cartridge. For a demonstration of ROKSAN state of the art record players and phono amplifiers contact your authorised retailer.

**IMPORTANT NOTE:** For optimum performance it is recommended to use high quality inter-connect cables such as **ROKSAN HDC-02A** high definition analogue Cable.

## OPERATION

## Platinum Preamplifier

Please refer to the front and rear panel views on page 4.

### SWITCHING ON

The Mains power switch (16) is on the rear panel of the preamplifier. This switch is normally left on. **If the unit is likely to be unattended for a period of time (Week-end, Holidays etc.) switch it off and for absolute safety unplug the mains lead from the wall.**

When switched ON from the rear panel your **Platinum** preamplifier runs a self-test and the indicator lights on the front panel pulse twice. The preamplifier then reverts to STANDBY and the MODE indicator light (3) will glow GREEN. The amplifier is now ready for use.

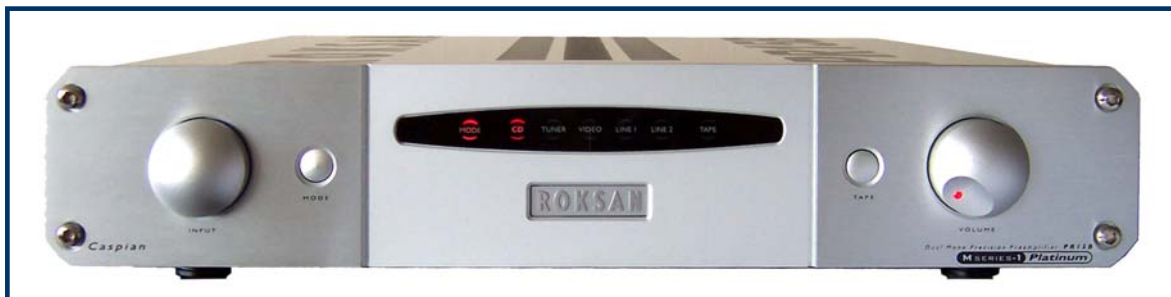


You can activate your **Platinum** preamplifier in two ways:

- 1 Press the MODE button **(2)** once.
- 2 Rotate the INPUT selector **(1)** in either direction.

**NOTE:** The remote handset will activate the amplifier by pressing the Power button (⏻).

The preamplifier will 'wake up' and the MODE indicator light **(3)** and the Volume indicator will glow RED. It will automatically select the CD input and the CD input indicator light **(4)** will also glow.



## USING THE CONTROLS

### MODE CONTROL

The MODE button toggles the preamplifier in and out of Standby.

**NOTE:** When you bring the preamplifier out of STANDBY having switched it ON at the Mains, the input selector will default to CD (as described previously).

When, however, the preamplifier has been put into Standby from the MODE or the remote Power button (⏻), bringing it out of Standby will restore previously selected input, tape and mute values. Bringing the preamplifier out of Standby by moving the INPUT Selector one step in either direction also leaves these amplifier settings unaffected.

### INPUT SELECTOR SWITCH

The INPUT Selector is an endless rotary switch that moves round one click at a time. It connects each signal source to the amplifier by rotating through the Inputs with the exception of TAPE. Rotating the Selector continuously clockwise will select inputs in this sequence:

CD – TUNER – VIDEO – LINE1 – LINE2 – CD - ...

Rotating the Selector anti-clockwise reverses the sequence.

Whenever an input is selected the appropriate indicator light will glow.

### VOLUME CONTROL

The VOLUME Control is a precision device. It follows a logarithmic law so that its response approximates that of the human ear and provides more control (range) at lower levels. There is an illuminated indicator on the volume control to clearly show the appropriate volume setting.

### TAPE MONITOR

When you select an input source, the INPUT Selector connects the selected source to the preamplifier and also connects this source to the Tape Output Sockets of the Preamplifier thus enabling you to record.

The Tape Monitor is an override. Pressing the TAPE Button **(10)** connects the output of your tape deck to the Preamplifier, overriding the selected input. However, the selected input is left connected to the recording input of your tape deck. If you have a suitable tape deck, this facility enables you to record a programme whilst monitoring its playback.

When the TAPE Button is depressed, the TAPE Indicator light glows and the selected source Indicator remains illuminated.

The input selector remains functional when the Tape Monitor is ON, allowing a range of sources to be recorded. Pressing the TAPE Button toggles between Tape Monitor ON and OFF.



## REMOTE HANDSET

The **Platinum** System Remote Handset uses two AAA size 1.5V batteries. These are housed in the battery compartment on bottom end of the handset.

Carefully remove the battery compartment cover using the 2mm Allen Key supplied by unscrewing the M3 Counter-sunk Stainless Steel Screw as shown below. Gently pull out the Battery Holder and insert the supplied batteries in place **observing polarity**. Replace the cover. The handset is now ready for use.



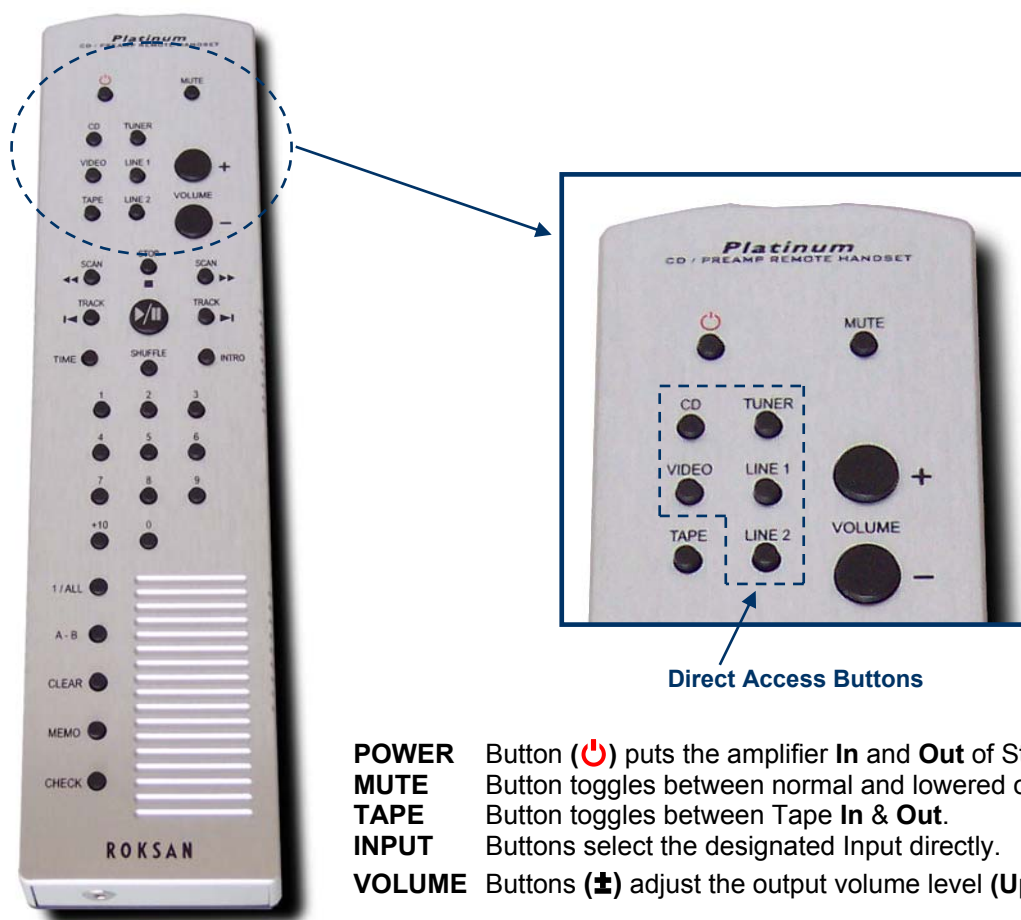
The front panel controls of the preamplifier are replicated on the remote handset. Inputs are accessed directly except Tape Monitor, Mute and Power, where the buttons toggle between *Tape In & out*, *Mute On & Off* and *Preamp On & Standby* respectively.

**NOTE:** In Multi Room or Installations where the front display is not seen, remote Power On & Standby can be achieved by programming two 'hidden' codes that are already incorporated into the internal controller of the preamplifier. These codes are as follows:

<b>POWER ON:</b>	<b>99</b>	<b>66</b>	<b>20</b>
<b>POWER OFF:</b>	<b>99</b>	<b>66</b>	<b>21</b>

**Please note** when using the preamplifier in such installations, Mute and Tape Monitor functions should not be programmed in.





**NOTE:** Mute function is particularly useful when you need the volume temporarily lowered; for example when answering the phone.

When the preamplifier is set to Mute, the MODE indicator on the front panel display will change to Amber.

\*\*\* [See below:](#)



If you suspect that your ROKSAN **Platinum** preamplifier is not operating properly, you should check all the connections carefully. Phono plugs and XLR connectors should be fully inserted- a frequent cause of problems is that connectors do not make proper contact. Below are some commonly encountered problems with suggestions for possible cure. The list is not exhaustive: If you have any unresolved problems, please consult your appointed ROKSAN dealer or distributor.

SYMPTOM	LIKELY CAUSE	SUGGESTED REMEDY
No power	AC Mains lead not inserted properly Unit not switched on at rear panel IEC mains inlet fuses blown	Ensure AC Mains lead is fully inserted Switch unit on at rear panel Replace with identical fuse type and rating and try again (only once)
No output on one or both channels	Amplifier in stand-by mode (MODE light GREEN)  Missing or bad input signal connection  Wrong input selected  Input switch incorrectly set	Press MODE button to set amplifier in operational mode (MODE light RED)  Check all input connections  Select correct input, ascertain source is working Check & set Input switch (RCA or XLR)
Very low sound output	Tape Monitor selected  Amplifier set in MUTE position	Deselect Tape Monitor  Deselect MUTE (check volume setting first)
No volume control on Video or Line 1 input	Bypass switch incorrectly set	Check & set Bypass switch (RCA or XLR)
Hum from speakers	Incorrect Grounding  Poor choice of interconnect cables	Check Mains polarity and grounding on all connected equipment Change the interconnect cables

There are no user-serviceable parts inside your **Platinum** preamplifier. If a fault should develop, refer any servicing to your appointed ROKSAN dealer, distributor or approved service agent.

Your ROKSAN **Platinum** preamplifier is guaranteed against any defect in materials and workmanship for a period of **two years** from the date of purchase.

This guarantee only becomes effective if the warranty card is validated by the ROKSAN retailer from whom the equipment was purchased and returned to ROKSAN within **28 days** of purchase.

This guarantee excludes:

1. Damage caused due to accident, missuse, neglect and incorrect installation, adjustment or repair.
2. 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.

Carriage costs to ROKSAN shall be borne by the consignor.

All claims under this guarantee 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.**

## SPECIFICATION

## Platinum Preamplifier

Line Inputs \_\_\_\_\_ 5 RCA plus Tape  
CD & LINE1 inputs switch-able to **XLR** Balanced  
VIDEO & LINE1 inputs selectable for By-passed

Input Impedance \_\_\_\_\_ 47 k $\Omega$

Outputs \_\_\_\_\_ Tape, Preamplifier (x2 **RCA** & x2 **XLR** Balanced)

Power Supply \_\_\_\_\_ 350VA Ultra Low Noise Shielded Toroidal Transformer  
12 Regulated Supply Rails

Frequency response \_\_\_\_\_ -3dB, <0.5Hz – 110kHz

Gain \_\_\_\_\_ 9.3dB Preamplifier

Harmonic Distortion \_\_\_\_\_ <0.0015% 1kHz, <0.009% 20kHz, <0.015% 30kHz

Noise \_\_\_\_\_ 20 – 20kHz A-weighted <-95dB

Noise \_\_\_\_\_ 1kHz A-weighted <-105dB

UNWEIGHTED Hum & Noise \_\_\_\_\_ 20 – 20kHz <-90dB

Power Source \_\_\_\_\_ 100V – 120V 50Hz / 60Hz  
220V – 240V 50Hz / 60Hz  
(via Mains inlet filter)

Power Consumption \_\_\_\_\_ < 40 W

Dimension \_\_\_\_\_ 432 x 390 x 80 (W x D x H) mm  
432 x 390 x 95 (including feet)

Weight \_\_\_\_\_ 15 Kg

## NOTES

## Platinum Preamplifier

**Platinum** Dual Mono Precision Preamplifier

Purchase Date

ROKSAN Retailer

Serial Number

Year

Month

Day

Name

Location

*Please keep a record for future reference*

# *Platinum*



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