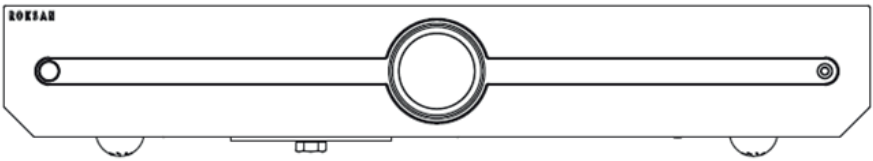
Attessa Integrated Amplifier

Set Up Guide and Product Manual



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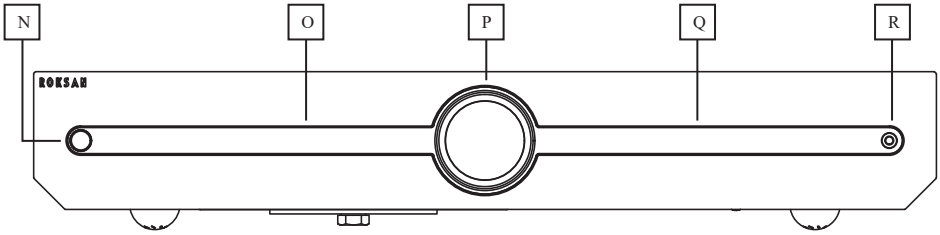
FRONT CONTROLS



1. Power Button

Used to wake the amp from standby and return it to standby when not in use. LED's will illuminate different colours to show different status.

2. Screen

This displays the input. The selected input will be displayed on the screen. When changing inputs, all other inputs will illuminate as they are scrolled through.

3. Volume / Input Selection Dial

This dial will adjust the volume, or when pressed and held will scroll through the inputs depending on the direction the dial is turned.

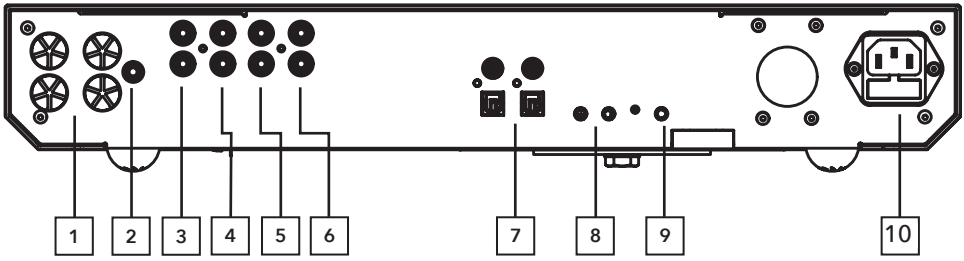
4. Volume LED's

These will illuminate showing the volume level of the amp. When at max volume level the haptics will vibrate and the volume bar will flash. When at minimum volume level the haptics will vibrate and the Mute icon will be displayed.

5. Headphone Jack

3.5mm jack for connecting headphones. The speaker output will mute along with the preamp outputs.

REAR CONNECTIONS



1. Loudspeaker Outputs

Connect loudspeaker cables to these connections. Positive to positive and negative to negative

2. Turntable Grounding Post

Used to ground the tone arm attached to the turntable

3. **Phono Input**
   Connect the output from the turn table to the Attessa Streaming Amplifier

4. **Analogue 1 Input**
   Connect and analogue source

5. **Analogue 2 Input (music sense)**
   Connect a second analogue input. WHAT IS MUSIC SENSE??

6. **Pre-Out/ Subwoofer**
   Connect to a power amplifier or subwoofer.

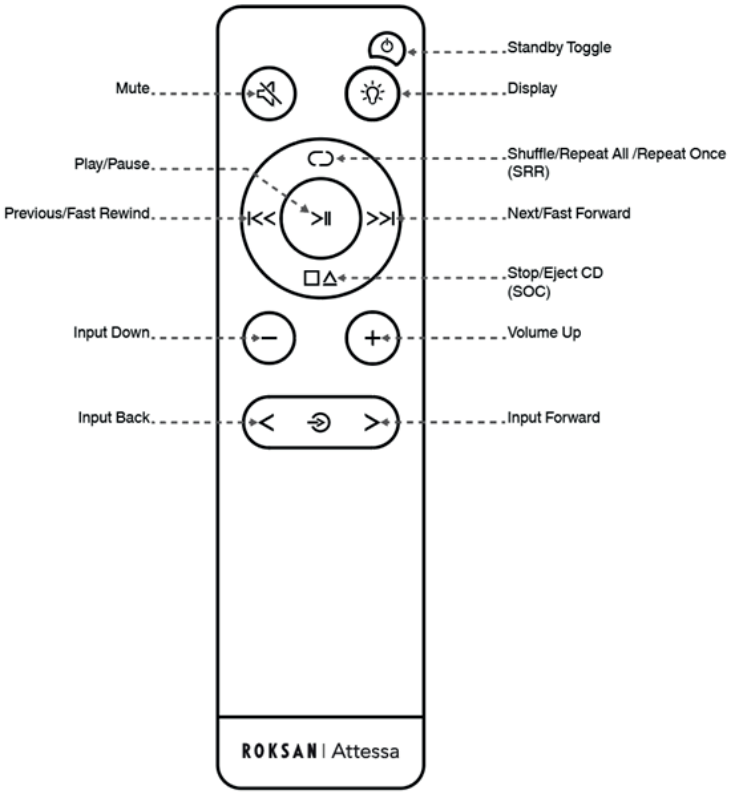
7. **Coax/Optical SPDIF Inputs**
   Connect digital sources by eaither coaxial or optical connection

8. **12V Trigger Input/Output**
   Used to connect a 12v trigger input and output to control (output) or be controlled (input) using the 12v trigger.

9. **IR In**

10. **AC Power Socket**
    Connect using the supplied mains cable. Fuse also located here in drawer.

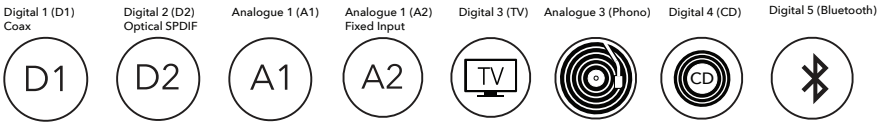
REMOTE



Remote feedback: All actions have the remote LED flash on and off.

OLED DISPLAY

The inputs available on the amp are scrolled through using the encoder or remote and are displayed using the following default icons:



SET UP OPERATION

1. Standby

A single press of the power button or single press of the standby/power button on the remote and RGB LED goes solid red.

2. Power

A single press of the power button or single press of the standby/power button on the remote and RGB LED goes a solid orange colour.

3. Load/warm up phase

Roksan logo to appear when product goes into power mode.

4. BLE pairing mode:

During set up mode via the app the BLE passkey appears on the screen.

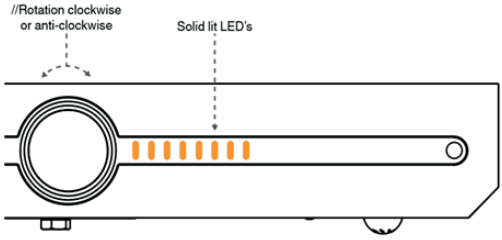
VOLUME CONTROL

Controls

- Rotary dial
- Remote

Process & Indicators

- Incremental increase: clockwise turn of rotary dial or single press of remote + button. LED strip will illuminate more coloured bars.
- Incremental decrease: anti-clockwise turn of rotary dial or single press of remote – button. Illuminated LED bars will reduce.
- Muting: A single press of the 'mute' button on the remote or incremental rotation until the step 0.
- Unmuting: A single press of the 'mute' button on the remote. Incremental increase of volume can be used to unmute. LED bar will return to previous volume state
- Volume maximum: When all LED bars are illuminated.
- Headphones connected: mutes attached speakers; volume output goes to 'safe' headphone level. LED strip display changes to new volume level.



INPUT SELECTION

Controls

- Rotary dial
- Remote

Process & Indicators

- Selecting input: Rotary dial is pressed and held while user rotates either clockwise & anti-clockwise when selecting. When using the remote the input arrow buttons change the input. OLED will highlight the icon for that selected input.
- Connected to input: OLED will display a solid icon for the selected input.
- Bluetooth pairing:
- Bluetooth disconnected: OLED will display disconnected status.

TRACK FUNCTIONS

Applicable for Bluetooth Input only

Control

- Manual buttons
- Remote

Process & Indicators

Track functions are only applicable for the Bluetooth input.

1. **Pause:**
   a single press of the play/pause button (remote or manual button) and the dual LED's to flash on.
2. **Play:**
   a single press of the play/pause button (remote or manual button) and the dual LED's to flash on.
3. **Stop state:**
   a single press of the SOC button to access the stop state or a single press of the stop button on the remote.
   OLED to show the stop icon.
4. **Track forward:**
   a single press of the track forward button (remote or manual button) and the right dual LED to flash on.
5. **Track restart:**
   a single press of the track back button (remote or manual button) and the left dual LED to flash on.
6. **Track back:**
   a double press of the track back button (remote or manual button) and the left dual LED to flash on.

7. **Seek forward:**
   holding of the track forward button and right dual LED to be on for duration of command.

8. **Seek back:**
   holding of the track back button and left dual LED to be on for duration of command.

9. **Shuffle:**
   single press of SRR remote button. OLED to display shuffle icon.

10. **Repeat all:**
    double press of SRR remote button. OLED to display repeat all icon.

11. **Repeat once:**
    triple press of SRR remote button. OLED to display repeat once icon.

Note: If the first action is to press track forward or track back this will automatically complete the function and then play the track all in one step.

OLED DISPLAY LIFE EXTENSION

This is controlled using the remote control

Process & Indicators

1. **Display On/Off:**
   a single press of the disp. button on the remote.

2. **Display saver mode:**
   no command for 30 seconds, icons to appear dimmer on the OLED.

3. **Display inactive:**
   no command after 60 seconds, the OLED will clear all of icons.

4. **Display active:**
   a single press of any command will bring icons back to full brightness, this single press does not change the current state of the CD transport.

SPECIFICATIONS

Power Amplifier

Power output into 8 Ohm: 75 WRMS, Both Channels Driven THD+N <0.1%

Power output into 4 Ohm: 150 WRMS Single Channel Driven THD+N<0.1%

THD+N: <0.01% (1 kHz, 2 channels, 1 W @ 8 Ohms)

Amplifier Type: Class AB

Gain: 29 dB

Channel Separation: > 90 dB @ 1 kHz & > 60 dB @ 10 kHz

Channel Matching: Better than 0.5 dB

Signal to Noise Ratio: 90 dB

Frequency Response: 10 Hz to 50 kHz (-3 dB)

Mains transformer rating: 250 VA

Pre-Amplifier

Volume Channel Matching: Better than 0.25 dB

THD+N: 0.002% (1 kHz, 2 Vrms at Pre-Out)

Signal to Noise Ratio: 100 dB

RIAA: 47k/56p loading; gain settings suitable for 12 mV, 6 mV, 3 mV output cartridges

Bluetooth

Bluetooth: A2DP Audio profile

Bluetooth Codecs: SBC, aptX & AAC

Bluetooth Range: 15m (typ.)

Digital Inputs

Digital Coax Input: up to 24 bit/192 kHz

Digital Optical Input: up to 24 bit / 96 kHz

DAC

Format Support: PCM

Sampling Rate: up to 192 kHz/24 bit

THD+N: 0.001% (1 kHz, 2 Vrms at Pre-Out)

Signal to Noise Ratio: 106 dB (A-Wtg)

ROKSAN

MADE IN BRITAIN

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