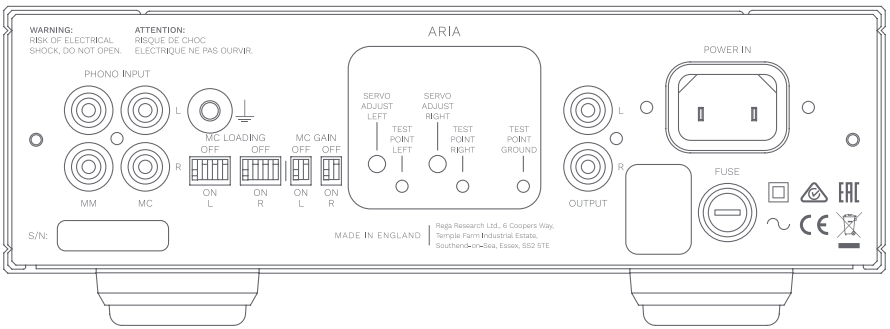
BACK PANEL CONNECTIVITY



SETUP

Separate inputs are used for moving magnet and moving coil cartridges. Connect your turntable's tonearm cable to the appropriate input sockets on the back of the Aria. If your tonearm has a separate earth, this should be firmly connected to the earth terminal shown on the rear panel in the diagram above.

Connect the Aria to your amplifier via the sockets marked Output to the appropriate line level input on the back of your amplifier. Use a high quality phono cable such as the Rega Couple 2 (not supplied). The mains power lead (supplied) should be connected to the IEC socket on the right hand side located above the fuse holder.

N.B. Always switch both pre and power amps off before changing any connections.

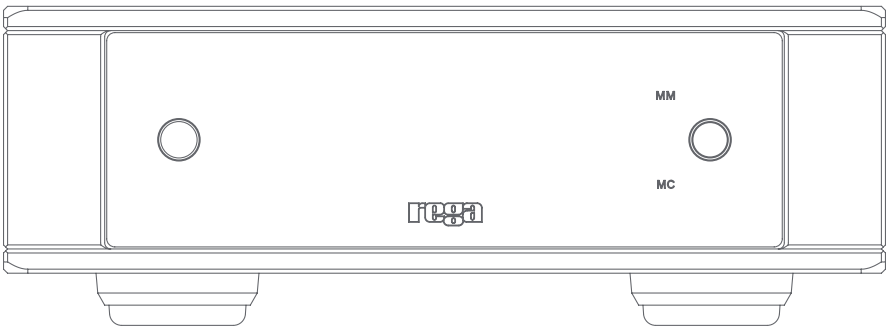
LOADING SETTINGS (adjustable via back panel)

LEFT/RIGHT MC LOADING RESISTANCE
1 and 2 off = 400 Ω
1 only on = 100 Ω
2 only on = 150 Ω
1 and 2 on = 70 Ω

CAPACITANCE
3 and 4 off = 1000 pF
3 only on = 2000 pF
4 only on = 3200 pF
3 and 4 on = 4200 pF

LEFT/RIGHT MC GAIN
1 off and 2 on low gain = 63.5 dB
1 on and 2 off high gain = 69.3 dB

FRONT PANEL INDICATORS

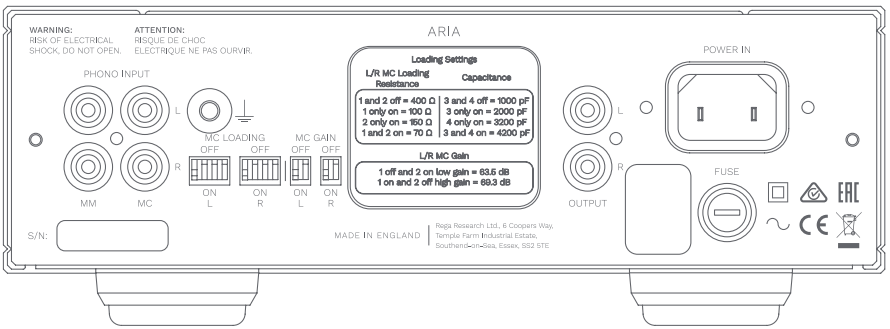


POWERING UP

The Aria is activated by pressing the On/Off button situated to the left of the control panel. The REGA logo will glow RED. It is recommended to activate the Aria before the power amplifiers and deactivate after they have been switched off.

N.B. The unit will be muted for approximately 5 seconds when powered-up or switching between inputs. MM or MC inputs are selected by pressing the input button on the front panel. The LED indicator will show the selected input. When switching between MM & MC, the Aria goes into mute briefly to avoid any intrusive switching noise whilst the circuitry settles. When switching between MC and MM, both LED's will temporarily light, with a short delay in the audible 'click' of the relay. This is a function of the mute and relay contact cleaning / activation circuit and is normal.

MC CARTRIDGE ADJUSTMENT



IMPORTANT: Turn off the Aria before changing any of the settings on the back, especially the MC gain setting which causes the MC input circuit to re-adjust. This may cause a big 'thump' through the speakers if the amplifier is on and the Aria is the source component. The MC input has the provision for selecting resistive input loading of 70 to 400 Ω and capacitive loading of 1000 to 4200 pF. The input sensitivity can also be changed by 6 dB. You must adjust each channel (left and right) individually, via the use of the dip switches located on the back panel. Your cartridge manufacturer will state the recommended loading for the MC cartridge you have chosen.

All Rega MC models require the following settings:

LEFT/RIGHT MC LOADING RESISTANCE:
1 only on = 100 Ω

LEFT/RIGHT MC LOADING CAPACITANCE:
3 and 4 off = 1000 pF

LEFT/RIGHT MC GAIN:
1 on and 2 off high gain = 69.3 dB

***The Aria will be factory set to the above settings by default.**

ENGLISH	SPECIFICATIONS	...
Maximum output level	11 V RMS	
Rated output level	200 mV	
Output resistance	100 Ω	
Minimum output resistance for a -3 dB point at 15 Hz	1 k	
AC supply	230 V & 115 V nominal ± 10%	
230 V	20 mm fuse	T250 mA L
115 V	20 mm fuse	T500 mA L
Power consumption	10 W	
Ambient operating temperature	5 to 35 °C	
MC input	Generator source resistance	15 Ω
	Loading set to	100 Ω and 4200 pF
	Input sensitivity (0 dB high gain setting)	70 µV for 200 mV output
	Input sensitivity (-6 dB low gain setting)	133 µV for 200 mV output
	Resistive input loading	70, 100, 150 & 400 Ω
	Capacitive input loading	1000, 2000, 3200 & 4200 pF
	Maximum input level (0 dB high gain setting)	5.1 mV at 1 kHz
	Maximum input level (-6 dB high gain setting)	10 mV at 1 kHz
	Gain (0 dB high gain setting)	69.3 dB at 1 kHz
	Gain (-6 dB low gain setting)	63.5 dB at 1 kHz
	Frequency response (100 kΩ output load)	13 Hz (-3 dB) to 70 kHz (-0.2 dB)
	RIAA accuracy (100 kΩ output load)	Better than ± 0.2 dB 70 Hz to 70 kHz
	THD+Noise (-6 dB low gain setting)	Typically 0.035% at 1 V Bandwidth 100 Hz to 22 kHz
	Noise (15 Ω terminator and -6 dB low gain setting)	Typically -71 dB V un-weighted 100 Hz to 22 kHz
	Signal to noise ratio (un-weighted 100 Hz - 22 kHz bandwidth and 0 dB high gain setting)	-67 dB using 1 kHz 5 cm/sec track on the HFS69 test record and Rega MC cartridge fitted to a Rega turntable.
MM input	Generator source resistance	40 Ω
	Input sensitivity	1.7 mV for 200 mV output
	Input loading	47 k in parallel with 100 pF
	Maximum input level	93 mV at 1 kHz
	Gain	41.4 dB at 1 kHz
	Frequency response (100 kΩ output load)	15 Hz (-3 dB) to 100 kHz (-0.2 dB)
	RIAA accuracy (100 kΩ output load)	Better than ± 0.2 dB 100 Hz to 100 kHz
	THD+Noise	Typically 0.005% at 1 V Bandwidth 100 Hz to 22 kHz
	Noise (150 Ω terminator on input)	Typically -86 dB V un-weighted 100 Hz to 22 kHz