

# ROMA

Integrated tube amplifier

Synthesis Introduces a new, superior approach to tubes amplifier design. ROMA series has been created to breathe life into the melodious weft of the fabric of music, in all its nuances, making the listening experience an extraordinarily moving event. Created by those obsessed with great sound and for those who love great music.

There has never been an introductory integrated amplifier with the fit, finish and sound of the ROMA 510AC. At first glance, this stunning amp simply takes your breath away. This high performance amplifiers brings out the best of other components in the system. Created by those obsessed with great sound and for those who love great music. The result is 80 watts of pure pentode output per channel built around a double triode 12AX7 on input and a 12BH7 tube as phase splitter and a pair of KT88/6550 power tubes in push-pull configuration for a detailed, delicate and dynamic sound.



## ROMA 510AC

80W Integrated Stereo Tube Amplifier

### Technical specifications:

Power stage (1 ch.):	2 X KT88/6550
Driver (1 ch.):	ECC99/12BH7
Input stage (1 ch.):	ECC83/12AX7
Frequency response:	20Hz to 20KHz +- 0.5dB
Input impedance:	50Kohm
Input sensitivity:	300mV / 80W
Output impedance:	6 ohm
Power stage config.:	Pentode
Power output:	80W RMS AB Class
Signal/Noise ratio:	>90dB, A weighted
Inputs:	5 Line
Outputs:	Pre Output (Volume controlled)
Power consumption:	280W
Dimensions: (w,d,h)	410x330x260mm
Weight:	25.0 Kg

### Remote control:

Transmit:	RC5 Infrared code
Function:	Mute, Volume, Inputs
Dim.s: (w,d,h)	45x160x25 mm
Weight:	150 gr. (Battery included)

## FEATURES

### **-DC Powered tube heater**

All tubes, except KT88/6550, have DC stabilised heater circuits to reduce hum noise to a near in-audible minimum.

### **- Output transformer**

The Output transformer uses a Hi-Grade Iron-Silicon for superb frequency reproduction & width. With this newly designed custom output transformer we are able to achieving a highly delicate & precise sound reproduction faithful to the original recording.

### **- Mechanical chassis construction**

The power supply & output transformers are held by an extremely rigid structure that keeps the unit free from unwanted vibrations which further helps reduce unwanted noise to the tubes.

### **- Remote control**

It has a soft button design, perfectly matching the aesthetics for the "ROMA" series. It controls volume, mute and sources selection.

### **- Feet**

Four aluminium feet with an insert of strong rubber. These rubber feet has been choise to minimise vibrations of the amplifier in isolation from its surroundings.

### **- Binding posts**

Gold plated professional binding posts for a continued oxidisation free connection further improve sound refinement.

### **- Sockets**

Gold plated ceramic sockets for a continued oxidisation free connection further improve sound refinement.

### **- Components**

Components for the Roma 510AC have been selected with great care throughout. Only the best available components are considered & all must undergo an exhaustive analysis of their sonic influence prior to final selection.

### **- Selected tubes**

All tubes used are selected after 2 stage warm up. A fully computer monitored machine controls the process & at the end of this, selects the perfect tubes which are then matched for a perfect balance.