

## General Introduction of New Products

### MP-100S Vacuum Tube Integrated Amplifier



#### GENERAL INSTRUCTION

- Four KT88EHs are used for class AB1 P.P amplification.
- The toroid power transformer and EI audio transformer are specially manufactured for CAYIN MP-100S by applying our unique workmanship, which has low magnetic leakage, wide frequency response and low impedance.
- Two 12AX7EHs, two 12AU7EHs and one 5AR4 are used in the preamplifier.
- 5AR4 tube is used for rectification in the pre-amp.
- Ultralinear and triode selection.
- All-vacuum tube design, all hand-made.
- Remote control.
- Bias adjustment setting on the surface for easy operation.

#### SPECIFICATIONS

- |                      |                                     |
|----------------------|-------------------------------------|
| ■ Power Output       | 2×50W(ULTRALINEAR)<br>2×24W(TRIODE) |
| ■ Frequency response | 10Hz~45kHz (-1.5dB)                 |
| ■ THD                | 1% (1kHz)                           |
| ■ S/N ratio          | 89dB                                |
| ■ Input sensitivity  | 400mV<br>600mV (Pre-in)             |
| ■ Input impedance    | 100k Ω                              |
| ■ Output impedance   | 4 Ω, 8 Ω                            |
| ■ Dimension          | 440×222×390mm (W×H×D)               |
| ■ Power consumption  | 270W                                |

## MP-CD100S CD Player



### General Introduction

Aluminium design with lattice VFD display showing nobility and elegance.

SONY KSS213 mechanism system and PHILIPS CD18 servo circuitry are used.

PCM1792 chips from American BB company are used for digital filtration and D/A switch.

Two 12AU7 tubes are used for analogue output.

One 12AU7 is used for tube rectification of analogue circuit.

With optical digital output and coaxial digital output.

Low-pass filter circuit takes high quality audio specially used opamp.

EI audio transformer are specially manufactured for CAYIN MP-CD100S by applying our unique workmanship, which has low magnetic leakage and high efficiency.

### Specification:

Level: 2V

Frequency response: 20Hz~20kHz

Distortion: 0.3%

S/N ratio: 95dB

Dynamic range: 110dB

Crosstalk(1kHz): -70dB

Weight: 20kg

Power consumption: 30W

Size: 440mm×101mm×440mm(W×H×D)