



*Cayin*<sup>®</sup>  
VACUUM TUBE INTEGRATED AMPLIFIER A-100T

On  
 Off  
Power

Volume  
Max  
Min

*Cayin*<sup>®</sup>

Cayin's cutting-edge technology once took fighter pilots to the sky. Today it takes audiophiles on an entirely different journey.

The legacy of superior German technology lives on. With the same precision originally used for aeronautics, Cayin meticulously handcrafts products to perfection. Then after being built, units undergo one week of continuous burn-in to ensure quality.

The end result is vacuum tube equipment that enables listeners to experience the alchemy of music in its full glory. You are guaranteed minimal signal loss and near zero vibration.

Cayin equipment features:

- » Point to Point Wiring
- » Potted Output Transformers
- » Potted Toroidal Power Supply
- » Premium Capacitors and Resistors

# A-100T

## Integrated Amplifier



### All Vacuum Tube Design – All Hand Made

System	Vacuum Tube Integrated Amplifier
Power Output	36w Triode – 70w Ultralinear
Tubes	KT88 × 8, 12AU7 × 2, 6CG7 × 2, 12AX7 × 1
Frequency Response	10Hz – 65kHz
THD	1% [1kHz]
S/N Ratio	89dB
Input Sensitivity	480mV, 900mV (pre in)
Input Impedance	100K Ohms
Output Impedance	4 ohm or 8 ohm Connections
Power Consumption	280w
Internal Construction	Hand made with point to point wiring
Chassis	Heavy gauge hand rubbed and polished
Soft Start Circuit	30 second delay for extended tube life

Output Transformers	Custom made low Imp/wide bandwidth
Power Supply	Custom made Toroidal
Protection	Tube plate fuse protects output stage
Terminals	WBT style speaker/Gold plated RCA × 4
Capacitors	Realcap/Nichicon
Remote Control	With Ultralinear and Triode select
Finish	Silver
Dimensions	440 × 210 × 397 mm [W×H×D]
Weight	29kg
Protective Cage	Included
Remarks	Integrated volt meter for easy bias adjustment.

Pictured with EL34 tubes. Australian and New Zealand models use KT88T tubes.

# A-88T

## Integrated Amplifier



Rear View

Award Winning Design



### All Vacuum Tube Design – All Hand Made

System	Auto Bias Vacuum Tube Integrated Amplifier
Power Output	22w Triode – 45w Ultralinear
Tubes	KT88 × 4, 6SL7 × 2, 6SN7 × 2
Frequency Response	18Hz – 35kHz
THD	1% [1kHz]
S/N Ratio	90dB
Input Sensitivity	260mV (integrated), 600mV (pre-in)
Input Impedance	100K Ohms
Output Impedance	4 ohm, 8 ohm or 16 ohm Connections
Power Consumption	280w
Internal Construction	Hand made with point to point wiring
Chassis	Heavy gauge hand rubbed and polished
Soft Start Circuit	30 second delay for extended tube life

Output Transformers	Custom made low Imp/wide bandwidth
Power Supply	Custom made Toroidal
Protection	Tube plate fuse protects output stage
Terminals	WBT style speaker/Gold plated RCA × 4
Capacitors	Realcap/Nichicon
Remote Control	With Ultralinear and Triode select preamp bypass function
Finish	Silver
Dimensions	420 × 200 × 380 mm [W×H×D]
Weight	25kg
Protective Cage	Included

# A-55T

## Integrated Amplifier



Rear View



### All Vacuum Tube Design – All Hand Made

System	Vacuum Tube Integrated Amplifier
Power Output	18w Triode – 40w Ultralinear
Tubes	KT88 × 4, 12AX7 × 2, 12AU7 × 2
Frequency Response	10Hz – 50kHz
THD	1% [1kHz]
S/N Ratio	89dB
Input Sensitivity	370mV
Input Impedance	100K Ohms
Output Impedance	4 ohm or 8 ohm Connections
Power Consumption	280w
Internal Construction	Hand made with point to point wiring
Chassis	Heavy gauge hand rubbed and polished
Soft Start Circuit	30 second delay for extended tube life

Output Transformers	Custom made low Imp/wide bandwidth
Power Supply	Custom made Toroidal
Protection	Tube plate fuse protects output stage
Terminals	WBT style speaker/Gold plated RCA × 4
Capacitors	Realcap/Nichicon
Remote Control	With Ultralinear and Triode select
Finish	Black or Silver
Dimensions	350 × 185 × 30 mm [W×H×D]
Weight	13kg
Protective Cage	Included



# A-50T

## Integrated Amplifier



Rear View

### All Vacuum Tube Design – All Hand Made

System	Vacuum Tube Integrated Amplifier
Power Output	16w Triode – 35w Ultralinear
Tubes	EL34 × 4, 12AX7EH × 2, 12AU7 × 2
Frequency Response	10Hz – 50kHz
THD	1% [1kHz]
S/N Ratio	89dB
Input Sensitivity	370mV
Input Impedance	100K Ohms
Output Impedance	4 ohm or 8 ohm Connections
Power Consumption	280w
Internal Construction	Hand made with point to point wiring
Chassis	Heavy gauge hand rubbed and polished
Soft Start Circuit	30 second delay for extended tube life

Output Transformers	Custom made low Imp/wide bandwidth
Power Supply	Custom made Toroidal
Protection	Tube plate fuse protects output stage
Terminals	WBT style speaker/Gold plated RCA × 4
Capacitors	Realcap/Nichicon
Remote Control	With Ultralinear and Triode select
Finish	Black or Silver
Dimensions	350 × 185 × 30 mm [W×H×D]
Weight	13kg
Protective Cage	Included



Rear View

### All Vacuum Tube Design – All Hand Made

System	Vacuum Tube Mono Block Amplifiers
Power Output	38w Triode – 70w Ultralinear
Tubes	6550 × 4, 12AX7 × 1, 12AU7 × 1, 6N6 × 1
Frequency Response	20Hz – 35kHz
THD	0.8% [1KHz]
S/N Ratio	90dB
Input Sensitivity	600mV
Input Impedance	100K Ohms
Output Impedance	4 ohm, 8 ohm or 16 ohm Connections
Power Consumption	260w
Internal Construction	Hand made with point to point wiring
Chassis	Heavy gauge hand rubbed and polished
Soft Start Circuit	30 second delay for extended tube life

Output Transformers	Custom made low Imp/wide bandwidth
Power Supply	Custom made Toroidal
Protection	Tube plate fuse protects output stage
Terminals	WBT style speaker/Gold plated RCA × 1, Balanced × 1
Capacitors	Realcap/Nichicon
Finish	Silver
Dimensions	360 × 160 × 310 mm [W×H×D]
Weight	22kg per piece
Protective Cage	Included
Remarks	Australian and New Zealand models have Balanced outputs

# SC-6LS

## High End Line Stage Pre-Amplifier



Rear View

### All Vacuum Tube Design – All Hand Made

System	Vacuum Tube High End Line Stage Pre-Amplifier
Tubes	12AU7[ECC82] × 2, 12AX7[ECC83] × 2, 5AR[GZ34] × 1
Frequency Response	10Hz – 100kHz
THD	0.01% [1kHz]
S/N Ratio	95dB
Input Sensitivity	600mV
Input Impedance	250K Ohms
Internal Construction	Class A Hand made point to point wiring
Chassis	Heavy gauge hand rubbed and polished
Soft Start Circuit	30 second delay for extended tube life
Output Transformers	Custom made low Imp/wide bandwidth
Power Supply	Custom made Toroidal

Protection	Tube plate fuse protects output stage
Terminals	Gold plated RCA × 4
Capacitors	Realcap/Nichicon
Remote Control	Included
Finish	Silver
Dimensions	210 × 160 × 320 mm [W×H×D]
Weight	7.5kg per piece
Protective Cage	Included





Internal View

**Hybrid CD Player – All Hand Made**

System	Hybrid CD Player - Fully Balanced Design
Transport	Phillips CD711, Incased in Hermetical dust proof chamber
D/A Conversion	2 × Burr Brown PCM1792, 24-bit/192kHz Decoding
Tube	4 × 6922 Electro Harmonix for Analog output
Output Level	2.3v ± 3dB
Frequency Response	20Hz – 20kHz
S/N Ratio	92dB
Dynamic Range	120dB
Channel Separation	100dB
Power Consumption	40w
Power Supply	Dual custom made Toroidal
Output Transformers	Dual Independent for Analog and Digital

Digital Output	Coaxial, Optical, Balanced
Remote Control	Included
Finish	Silver
Dimensions	440 × 130 × 390 mm [W×H×D]
Weight	16kg

# CD-50T

## Hybrid CD Player



### Hybrid CD Player – All Hand Made

System	Hybrid CD Player
Transport	Sony KSS2133Q Series
D/A Conversion	BurrBrown PCM1732 for digital filter and HDCD decoding
Tube	12AU7 × 1 for analog output
Output Level	2v ± 3dB
Frequency Response	20Hz – 20kHz
S/N Ratio	90dB
Dynamic Range	90 – 102dB (HDCD)
Channel Separation	90dB
Power Consumption	280w
Power Supply	Custom made Toridal
Digital Output	Coaxial, Optical

Remote Control	Included
Finish	Black or Silver
Dimensions	350 × 95 × 325 mm [W×H×D]
Weight	8kg
Remarks	Designed to match A-50T and A-55T dimensions



Internal View

### All Vacuum Tube Design – All Hand Made

#### System

Vacuum Tube Headphone Amplifier that can also be used as an Integrated Amplifier and Pre-Amplifier

#### Headphone Stage

Input Impedance	22K ohms
Output Impedance	6 – 300 ohms
Power Output	1w × 2 Triode RMS
Input Sensitivity	320mV
Frequency Response	25Hz – 30kHz
THD	1%
S/N Ratio	88dB
Channel Balance	0.5dB

#### Integrated Amplifier Stage

Tubes	6N14NS × 2
Input Impedance	22K ohms
Output Impedance	8 ohms
Power Output	1.2w × 2 RMS Triode, 2.2w × 2 RMS Ultralinear

Input Sensitivity	320mV
Frequency Response	25Hz – 30kHz
THD	2%
S/N Ratio	85dB
Channel Balance	0.5dB
<b>Preamplifier Stage</b>	
Tubes	12AX7 × 1, 12AU7 × 1
Input Impedance	22K ohms
Frequency Response	15Hz – 40kHz
THD	0.8%
Output	2000mV (Max 4000mV)
S/N Ratio	82dB
Total Gain	14dB
Power Consumption	60w
Dimension	130 × 230 × 300mm [W×H×D]
Weight	7kg

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