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# Tri

## Production information Ver.6



**TRV-M88PP**

Triode Corporation Ltd. which celebrated the 10th anniversary of foundation last year is the independent system specialized producer of not only a Tube amplifier fan but my national number widely loved by the audio fan. The headquarters was established in Koshigaya-shi, Saitama and Mr. Jun-ichi Yamazaki that it was a former Japan National Railway man established. "VP-300BD" which won award in 1997. It was changed into the new version in 2003, and sale is still continued. Although it is thought that it was the start from the so-called back yard maker so, there are many products of a Tube amplifiers. Attention was attracted, lineup was also expanded and the power amplifier which used popular 300B tubes also for the its original work group as a Direct heating tubes trilateral pipe especially became present existence. Although it will be used in many cases at a usually simple single end if it is called 300B, in Triode, the parallel sigle-ended circuit which arranged two singles in parallel is adopted. It can be called the way of thinking which also maintains the purity by considering as single composition, compensating the power of small 300B of an output. Although it is dealing not only with a Tube amplifier type but with transistor amplifier, a center is a vacuum tube too. The unique DA converter using the vacuum tube also invited popularity to the output stage. Moreover, even if it calls it tube amplifier, unlike the garage product of a its original work level, it may also be called feature to have sense of stability truly like an industrial product, such as a transformer case by adoption and careful finish of a strong aluminum panel. In addition, the product of the company is sold in many cases by the kit simultaneously with finished goods. If confidence is in an arm, in the reason for becoming relatively cheap, it may also be one of the popular causes. The companies are also a British speaker and the import agency of gold one Sendor. The combination of a traditional apendor gold sound and the newest tube amplifier is also pleasant. In addition, the Internet part sale of craft products, such as a vacuum tube, and highly precise resistance, a capacitor, is also performed. Naturally it cannot just be going to overlook feedback for the product by treating such a quality part.



#### Preamplifier "TRV-4SE"

The special model made in commemoration of the 10th anniversary of foundation of Triode integrated amplifier TRV-34SE. Although the price was also held down and popularity was collected very much since it was called the commemoration model, the preamplifier developed in order to use this as power amplifier is this machine TRV-4SE. Therefore, a design is also common. It is one attractive set which enables more

advanced reappearance. For this reason, three Pre-output terminals can be equipped and usage, such as bi-amplifiers and tri-amplifier, can be carried out. adding are integlated at first and this machine subsequently and being separate -- carrying out -- further -- simple substance power amplifier -- adding -- bi-amplifier -- and -- it is the said condition For the vacuum tube for amplification, 12AX7 generally used often is six. It carries in CR type Class A operation. Two rectification pipe 5AR4 is used for others. Moreover, it is also unique to have equipped the phono equalizer for MM besides a line input. Since a tube fan also has many analog fans again, this equipment is much more interesting. When it connects and asks integrated amplifier TRV-35SE, it is the impression to which the merit of the sound of 35SE original is further expanded, and comes out. A range is large and freshness is high above all. It is elastic, carrying out distinctly to the detail, and the reality of sound is felt still more direct. With jazz, it emerges clearly and the bass of the wood base which sank deeply, or a piano develops the reappearance on which energy rode so that it might bounce, as light was applied. Lively 1-dimensional how to sound differs from 35SE simple substances. Boys' soprano and a piano solo are clear and the reappearance which was full of nuance is also Hideyasu. Too much grace eliminates and is modern, having a

uniform response over a large range and having fresh gloss. The resolution of orchestra and magnificent sound are also filled in the rich feel. It is sound, such as strongest combination.

Back terminal part. It has one line and three LINE inputs for MM input. It has a LINE input also in the front. the knob of volume and an input change -- aluminum shaving -- textures are very high an output pipe -- the amplification stage -- 12AX7 x6(ECC83) and the rectification stage -- 5AR4x2 Place which looked at this machine from width.

integrated amplifier "TRV-35SE"

Past TRV-34SE of this machine was put on the market by 500-set limitation as 10th anniversary of foundation of the company. Since it was popular, it decided to change a part number and to carry out continuation sale. Although some prices were also changed with this limited release, you may consider the same thing as TRV-34SE.

Although Triode may call it the time-tested product of our country tube amplifier, it is



acknowledged by the legitimate design which left the taste of a vacuum tube, maintaining a reasonable price. This machine is the high C/P model by which the price was also held down. The output stage is the push pull composition by AB class operation of EL34. each 45W -- having -- low -- it is not troubled so much by drive with an efficiency speaker Moreover, the vast response of 100kHz also belongs to an exception from 10Hz. The orthodox design which says 12AX7 to the first rank and says 12 AU7 to a driver as two. It also has a terminal for recording, and a head phon terminal. Although it has sufficient power and the large range, it is not the intonation which emphasized it. Especially textures with high balance which settled down by the impression which pulled out the performance of EL34 reasonable and purity are pleasant. Although jazz is not the feeling of power which pushes out the low-pitched sound of a wood base by small size a little, it catches pizzicato delicately and its expression is beautiful. Textures without cloudy weather are drawn wearing piano mist and roundness. It is satisfied to an output, and a clip is not carried out even if it raises volume. Boys' soprano puts a reverberation richly and its harmony is plump. Intonation of a high region over which thin silk was covered does not contrive, but is directing by carrying out peculiar softness. The height of the degree of refinement is felt for the textures of the voice of a silky touch. In orchestra, low-pass profound intonation raises sense of stability, and fine reappearance of the good detail of separation calls sympathy. Balance is attitude with high purity calmly. I think that the freshness appropriate for a modern performance and a tube type and this machine equipped with softness may be called greatest common denominator of tube amplifier. It is the high model of the cost value which was rich in flexible correspondence power.

Back terminal part. Naturally a speaker terminal is gilding specification.

The front is also equipped with a LINE input like TRV-4SE. Furthermore, a headphone terminal is also equipped.



Triode Corporation Ltd.  
J.Yamazaki

[TRV-4SE] tube preamplifier

basic circuit format: -- CR type Class A amplification      phono circuit format: -- NF type  
MM cartridge correspondence      frequency characteristic: -1 and -3dB (10Hz - 100kHz)  
signal to noise ratio:96dB      output impedance:7kohm      Koa -- highly precise -- resistor use  
input terminal:4 lines (the one front part and the three rears) one tape-out recording  
output terminal: -- three lines      tubes:--ECC83 amplification stage, rectification stage: --  
5AR4x2      demention -- 340Wx185Hx315Dmm      weight: -- 8kg  
Tube cover, Wooden side plates, AC cable



[TRV-35SE] EL34 push-pull integrated / power amplifier

maximum output: -- 45W+45W (8ohms)      output tube: -- EL34 AB class push pull  
3 inputs RCA (the one front part and the two rears) one preamplifier input, tape-out  
recording 1 line      Frequency response 10Hz- 100 kHz (-1,-4dB)      SNlevel 90dB  
output:impedance 6 / 8ohm      Total distortion < 0.1% (1kHz)      Input sensitivity 0.7V  
Tubes EL34 \* 4 , 12AU7(ECC82) \* 2, 12AX7(ECC83) \* 1      head phone terminal  
Power sanction min 100watts/ max 220watts      KOA highly precise resistor use  
USA quality speaker terminal use      outside size:340Wx185Hx315Dmm      waight:15kg  
Tube cover, Wooden side plates, AC cable



[TRV-A88SE] KT88 sigle ended integrated amplifier

maximum output:--12W+12W (8ohms) fixed bias      output tube:-- KT88 A class single-ended  
output:impedance 6 / 8ohm      KOA highly precise resistor use      Hi quality capacitor use  
Frequency response 15Hz- 40 kHz (+1,-1dB)      Total distortion < 0.1% (1kHz)  
SN level 88dB      Input sensitivity 0.7V      Tubes KT88 \* 2 , 12AX7(ECC83) \* 2  
Output inpedance 6 - 8 ohm      Input terminals 3 ( LINE 1 / 2 / 3)  
Power sanction 60watts      demention:230Wx185Hx400Dmm      weight:11.5kg  
Tube cover, Wooden side plates, AC cable



[TRV-A300SE] 300B sigle ended integrated amplifier

maximum output: -- 8W+8W (8ohms) self bias      output tube: -- 300B A class single -ended  
 output impedance 6 / 8ohm      KOA highly precise resistor use      Hi quality capacitor use  
 Frequency response 10Hz- 50 kHz (+1,-1dB)      Total distortion < 0.3%(1kHz)  
 SN level 85dB      Input sencitivity 0.6V      Tubes 300B \* 2 , 6SN7 \* 2  
 Output inpedance 6 - 8 ohm      Input terminals 3      Power sanction 80watts  
 demention:230Wx185Hx400Dmm      weight:11.5kg  
 Tube cover, Wooden side plates, AC cable



[TRV-M300SE] 300B parallel sigle ended mono power amplifier

maximum output: -- 20W+20W (8ohms) fixed bias      output tube: -- 300B A class parrale  
 single -ended      output:impedance 6 / 8 / 16ohm      KOA highly precise resistor use  
 Hi qualityl capacitor use      Frequency response 10Hz- 60 kHz (+1,-3dB)  
 Total distortion < 0.3%(1kHz)      SN level 89dB      Input sencitivity 0.8V  
 Tubes 300B \* 2 , 12AX7 \* 1 ,12AU7 \* 1      Input terminals, ballance 1 ,unballance 1  
 Power sanction 120watts      demention:176Wx200Hx 440Dmm      weight:15kg  
 Tube cover, AC cable



[TRV-M88SE] KT88 push pull mono power amplifier

maximum output: -- 50W+50W (8ohms) fixed bias      output tube: -- KT88 classAB  
 output:impedance 6 / 8 / 16ohm      KOA highly precise resistor use  
 Hi quality capacitor use      Frequency response 20Hz- 50 kHz (+1,-1dB)  
 Total distortion < 0.1%(1kHz)      SN level 90dB      Input sencitivity 0.7V  
 Tubes KT88 \* 2 , 12AX7 \* 1 ,12AU7 \* 1      Input terminals, ballance 1 ,unballance 1  
 Power sanction 120watts      demention:176Wx200Hx 440Dmm      weight:15kg  
 Tube cover, AC cable



[TRV-84HD] 6BQ5 sigle ended stereo Head Phone integrated amplifier  
 maximum output: -- 3W+3W Speaker / 600mW+600mW Head Phone  
 output tube: -- 6BQ5 A class single -ended output:impedance 8ohm  
 KOA highly precise resistor use Frequency response 30Hz- 50 kHz (+1,-1dB)  
 Total distortion < 0.1% (1kHz) SN level 85dB Input sencitivity 0.9V  
 Tubes 6BQ5 \* 2 , 12AX7 \* 2 Input terminals, unballance 2  
 Power sanction 40watts demention:160Wx150Hx 350Dmm weight:8.5kg AC cable



[TRV-CD4SE] 24bit192kHz up sampling CD player **NEW**  
 Total distortion : 0.002% SN level : 100dB Frequency Response : 20-20kHz( ± 0.2dB)  
 Channel separation : 92dB Dinamic range : 120dB DA conveter : Barbrown PCM1792  
 Tubes : 6DJ8(6922)\*1 CD drive unit : Sony Dgital output : RCA and Tos  
 Power requirements : 20W Dimension : 340\*330\*100mm(W/D/H)  
 Analogue output terminals, RCA\*1, Ballance\*1 Digital output terminals: RCA , TOS  
 Power sanction 20watts Demention:340Wx100Hx 330Dmm weight:20kg  
 Remote control, AC cable



[TRV-M88PP] KT88 push pull mono power amplifier **NEW**  
 Maximum output: -- 200W (8ohms) fixed bias Output tube: -- KT88 classAB 8pcs.  
 Output:impedance 4 / 6 / 8 / 16ohm KOA highly precise resistor use  
 Nichikon hi quality capacitor use Frequency response 10Hz- 100 kHz (0,-5dB)  
 Total distortion < 0.1% (1kHz) SN level 90dB Input sencitivity 1.0V  
 Tubes KT88 \* 8 , 6SN7 \* 3 Input terminals, WBT RCA 1 ,Nuitrik unballance 1  
 Power sanction 200watts demention:440Wx210Hx 450Dmm weight:35kg  
 AC cable



[VP-300BD] 300B parallel single ended integrated amplifier

maximum output: -- 20W+20W (8ohms) fixed bias output tube: -- 300B A class parallel  
single-ended output: impedance 4 / 8 / 16ohm KOA highly precise resistor use

Alps high quality volume Frequency response 5Hz- 60 kHz (+1,-1dB)

Total distortion < 0.1% (1kHz) SN level 95dB Input sensitivity 0.5V

Tubes 300B \* 2 , 6SN7 \* 2 , 12AT7 \* 1 Input terminals, unbalance 4

Power sanction 250watts dimension: 430Wx210Hx 320Dmm weight: 20kg

Tube cover, AC cable



Mt.Fuji 富士山