

## Models TC-2R and TC-4R Vacuum Tube Preamp & Crossover

The TC-2R is an active subwoofer crossover made to facilitate bi-amplified car audio systems. It splits the audio spectrum,



sending low frequencies to a subwoofer and higher frequencies elsewhere for best sound quality reproduction. Its hybrid circuitry tastefully combines the musical warmth of tubes with the punch and accuracy of transistors.

The sound is surprisingly natural and lively. Voices are sensual, without breakup or exaggerated sibilants. Low frequencies are at once quick and full-bodied. Image depth and soundstage are conveyed with the correct size and spacing. The TC-2R delivers excellent sound quality.

The TC-2R is designed by ear to sound good and built by hand to last a lifetime. Its faceplate is uncluttered and straightforward: Control knobs are single function, easy

**“ ... sonic magic ... in the best tradition of tube sound ... ”**

to grasp, and do not pull off in your hand. Miniature vacuum tubes give the TC-2R an unmistakable look.

The TC-2R was designed to complement the excellent sound quality and reliability of the BaM-235 mobile tube amp. Every component part in the TC-2R has been chosen for optimum sonic performance.

The TC-2R, like all Milbert Amplifiers equipment, is hand made, burned-in, and thoroughly tested and auditioned in the USA. *The TC-4R is the same as the TC-2R but with two more high frequency channels (and five independent volume controls) for use in four-channel systems.*

**... and the praise goes on.**

“Most car stereos, in my opinion, aren’t worth the effort necessary to steal them, let alone earn the money to pay for them. Exceptions to the rule do exist, of course, the Milbert being one of them... In fact, it’s sooo good that it clearly outstrips the rest of my system... The Milbert, for all intents and purposes, sonically disappears. Tapes I made of favorite recordings were simply more pleasant to listen to, and more accurately reproduced...” --Jeff Goggin, *SoundsLike*

“...The tube sound qualities of the Milbert really do make an important musical difference, compared to solid state amps. Instruments sound sweeter and more liquid, in a musically correct way. Singers have a richer body to their voice, which gives their lyrics better projection. Music is simply more natural all around ... The happiest part of the Milbert’s performance is its adaptability to different kinds of music. On

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the best quality program materials, both classical and jazz, its clarity and musical naturalness shines forth as no solid state amp can. Then, on distorted program material, such as much rock music, the Milbert with all its power is actually more forgiving than are less revealing solid state amps. This

**“ ... music is simply more natural all around ... ”**

sonic magic is in the best tradition of tube sound, and makes many rock albums far more pleasant to listen to...”

--J. Peter Moncrieff, *International Audio Review*

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A M P L I F I E R S

Milbert Amplifiers / milbert . com

**Vacuum Tube Car Stereo Since 1986**

“ a 30-watt tube car amp?  
Are they out of their minds!?  
Maybe not. Read on. “

“ ... What this sucker does in a car  
can’t be put into words ...  
sounds so good ... I was in tears.  
... the realism is so startling ... ”  
--Robert Reina, *Soundslike*

“ ... its clarity and musical  
naturalness shines forth as no  
solid state amp can ... “  
--J. Peter Moncrieff, *IAR*

## Stereophile Magazine

The BaM-235 is the latest mobile version of the EA-230 high-end home audio amplifier, which was once J. Gordon Holt's reference amplifier:

"The EA-230 shares with many other tubed amplifiers the ability to put out what sounds like far more than its rated power... It has truly awesome detail, a low end with the kind of punch and tautness that we rarely encounter from tubed amplifiers, and a high end that is both very, very quick and yet open, airy and exquisitely sweet...the high end from this amplifier must be heard to be believed! The mark of a truly fine high end is warmth and softness from blown and bowed instruments, combined with razor-sharp attacks from instruments which produce hard transients. To hear both from one system is a rare experience. The EA-230 ... will produce that kind of high end ... the most realistic reproduction of good recordings that we have ever had in our listening room ... sound so palpably alive that they cause goosebumps. In other words, this ... just takes off and flies!"



**Timeless Build & Sound Quality**

## BaM-235 Mobile Tube Amp

100% tube signal path, 100% audiophile quality

The BaM-235 mobile vacuum tube amplifier reproduces smooth and luscious sound quality far beyond typical car audio. It is widely hailed as *the* reference standard in mobile sound quality. Its patented design reduces heat and eliminates microphonics (noise from vibration). Jarring a BaM-235 while it's playing will not reveal even a hint of noise. Its "rad-hard" vacuum tubes often last ten years and can even continue playing in the unhappy event of a nearby nuclear blast. The BaM-235's

stout power supply stores and recharges over fifty joules of energy, maintaining regulation even under full load. All component parts have been se-

**" ... with shrieks and tears and screams ... "**

lected by ear for good sound. The BaM-235's robust output transformers supply full power into 1/2 Ohm and will sustain without damage direct speaker shorts or disconnections. Its rugged chassis sports quality connectors to accommodate large lugs without disfigurement. Built for the car yet comfortable even in the finest home audio systems, the

BaM-235 is one tough amplifier with finesse. At last, true high-end, home-quality sound for the car.



**milbert**  
AMPLIFIERS

Germantown, Md. USA [milbert.com](http://milbert.com)

## Car Stereo Review

"On the road, there was no mistaking that classic tube sound. It is indeed silky and luxurious... The tube sound of the BaM-230 is completely discernible and unmistakable... The BaM-230 successfully brings vacuum tube listening back to the automobile in style... The contemporary-tube audio design is first-rate, delivering sound that is comparable to any home tube power amplifier. "

--Ken Pohlmann, CSR

## Absolute Sound Magazine

"The sound of this amplifier is exceptional, far beyond anything I expected from a state-of-the-art car stereo. How can I describe the sound? With shrieks and tears and screams. More specific? If you insist. This is the sound of a truly High-End living room tube amplifier. The midrange is silky and sweet, the highs airy and harshless (mmm, a new word)... This amplifier really excels in delicacy, ambience retrieval, lack of distortion,

speed, and, yes, the simulation of a soundstage... If I had to name one overarching strength of this amp, it is the reproduction of brass, which is reminiscent of old Carnegie Hall. The initial attack and metallic bite of the trumpets and trombones are there with remarkable clarity, together with the warm, burnished tone of the instrument and all the associated ambience... With the Milbert,

**" harshless "**

the simulation of a soundstage in the car is uncanny. Percussion is another great strength... Rock music is incredible ... I lost it with Janos Starker's Cello Suites on Mercury. The attack, the resonance of the wood, the air around the cello; I was sitting in my driveway in tears, listening to the nuances of this recording (what a sight for the neighbors!)" --Robert Reina, *The Absolute Sound*