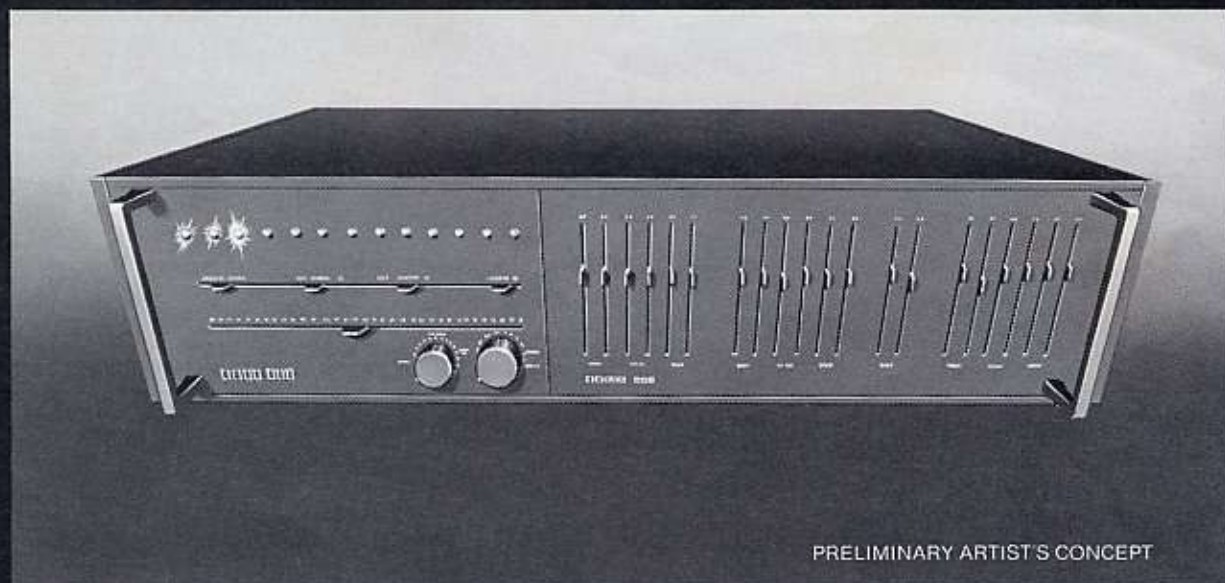


**EVERYBODY IS
INTRODUCING SOMETHING
THAT WILL MAKE YOUR STEREO
SOUND BETTER.**

**FOSGATE IS
INTRODUCING SOMETHING
THAT WILL MAKE YOUR STEREO
SOUND LOUSY.**

THE TETRA-2.



PRELIMINARY ARTIST'S CONCEPT

**Tetrasound will do to stereo
what stereo did to mono.
Hear it for the first time at the Jockey Club.**



**THE LAST
SOUND
BARRIER
HAS
JUST BEEN
BROKEN.**

INTRODUCING TETRASOUNDTM

January 6, 1979.

The day that science crossed one of the last frontiers in sound reproduction. With the Tetra-1.TM From Fosgate.

Developed by Tate Audio and adapted for mobile use by Fosgate Electronics, the Tetra-1 converts your ordinary car stereo radio and tape player into four separate channels of high fidelity sound.

No, it's not the same old Quad sound. It's not even time delay.

It's Tetrasound.TM

The Fosgate Tetra-1 analyzes a stereo signal to determine the intended direction of the various musical events, and converts them into a multi-channel format.

Using advanced cancellation techniques (instead of the old quad method of gain riding and variable blend), all sounds are monitored, accurately separated and given faithful directionality.

No added hiss. No crosstalk. No recycling. No artificial reverb. No shifts

in power outputs.

You hear true concert sound, just as you hear it in an auditorium. Perfect left to right and front to back separation, with precise, locked-down musical locations.

You control your presence in that auditorium. A unique stereo enhanced control moves you forward into the orchestra, or back in the auditorium. All center sounds stay at front center stage; other musical events stay in their designated channels.

It's the most incredible sound you've ever heard.

And you've heard them all. Mono. Stereo. Time delay.

Now, you must hear Tetrasound.

The newest — and perhaps the ultimate — in sound reproduction.

And, of course, only Fosgate has it for car stereo.

For advance spec sheets and sales information, call (602) 269-2641.



TETRA-1



POWERAMP SPECIFICATIONS

Frequency Response	20 HZ to 20 KHZ \pm .25 DB
Power Output (4 ohm load)	200 watts RMS total, 50 per channel, 20 HZ to 20 KHZ with less than .05% THD
Power Output (8 ohm load)	100 watts RMS total, 25 per channel, 20 HZ to 20 KHZ with less than .03% THD
Slew Rate	60 volt per microsecond IC in the power stage for low T.I.M. distortion
Damping Factor	Over 1000—virtually immeasurable
Sensitivity	.5 volts RMS input for full power output
Input Impedance	20,000 ohms
Noise	- 80 DB down from full power
Input Power	40 amps at + 14.5 D.C. for full power output; 1.75 amps at idle

PREAMP SPECIFICATIONS

Frequency Response	20 HZ to 20 KHZ \pm .25 DB
Distortion	Less than .02% THD, 20 HZ to 20 KHZ at 5 volts RMS output
Maximum Output	10 volts RMS
Noise	- 90 DB from full level
Input Impedance	20,000 ohms
Slew Rate	60 volts per microsecond IC in the voltage gain stage for low T.I.M. distortion
Gain	+ 20 DB (equalizer controls flat)
Equalizer	+ 18 DB max boost at 45 HZ - 8 DB max cut at 175 HZ + 12 DB max boost at 20 KHZ

DECODER SPECIFICATIONS

Decoder Type	Tate Directional Enhancement System utilizing advanced cancellation techniques and incorporating an Automatic Dimension Control Circuit which provides maximum theoretical separation at any musical instant, and an exclusive Phase Corrector and Base Combination Circuit	
Separation	Greater than 35 DB between all channels	
Distortion	Less than .05% THD typically, .15% max 20 HZ to 20 KHZ @ .5 volts RMS	
Maximum Output	2.5 volts RMS	
Noise	- 80 DB from full level	
Volume Control Tracking	\pm .5 DB over full 80 DB range	
Controls	Stereo Panorama/SQ Decode Mode Switch Left and Right Input Balance Indicators Front Left/Right Balance Slide Rear Left/Right Balance Slide Front/Back Fader Low, Mid and High Range Variable Equalizer Slides	LED Peak Reading Display On/Off Switch Tape/Radio Input Selector On/Off Pilot Light Master Volume Slide Input Level Trimmer Pots

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No added hiss. No cross-talk. No recycling. No artificial reverb. No shifts in power outputs.

It's the most incredible sound you've ever heard.

And you've heard them all. Mono. Stereo. Time delay.

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For advance spec sheets and sales information, visit booth #816.

**"The last sound barrier
has just been broken."
- Jim Fosgate**



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Fosgate Electronics

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