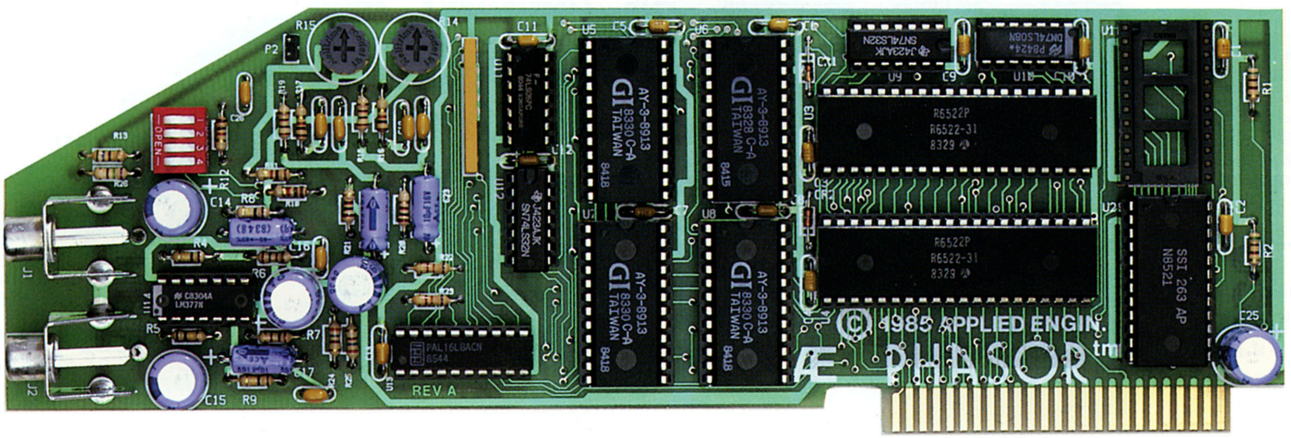
COMPATIBLE WITH IIe and II+



PHASOR - For the thunderous, booming power you so desperately need

Phasor is a complete high performance stereo music, sound and speech synthesizer for the Apple IIe and II+. Phasor offers 12 musical and sound effects voices (channels) and 4 white noise generators for percussive sounds. Phasor also gives your Apple the power of uncanny speech, with its unlimited vocabulary speech synthesizer.

What makes Phasor so desirable is not just that it offers the very best in both sound and speech, but the fact that Phasor automatically enhances and is recognized by more off the shelf hardware than any other sound card. Phasor works with ANY program that works with ANY sound card. Programs written for the Mockingboard™, the ALF music card, Synphonix™ and the Super Music Synthesizer actually sound better on Phasor. In fact, Phasor has twice the accuracy and 4 times the output power of the nearest competitor. Phasor adds exciting pulse pounding sound to all of the better games like Skyfox, Under Fire, Willy Byte, Tactical Armor Command, Maze Craze, Zaxxon, Ultima IV; to name a few. Educational software like music construction set. Guitar Master and Music Star are greatly enhanced by Phasor's power. And a complete long list of compatible software is included with each Phasor.

But even if you don't own any software, Phasor comes with a ton of entering and educational software that will let you enjoy Phasor for a long, long time.

Phasor is an astonishing peripheral card that generates explosive sound effects, vibrant music and excellent speech from your Apple. It adds a new educational dimension of exciting sounds to games, educational programs, music programs and programs you create yourself.

FEATURES

- The most compatible sound card available. Fully Mockingboard™, ALF, and Super Music Synthesizer compatible but with many enhanced capabilities.
- 12 simultaneous sound channels, 4 white noise generators, 1 voice channel expandable to 2 voices.
- Easy to use "COMPOSE" software. You'll start right away at inputting your favorite songs. Our manual shows you how, step by step. The Hi-Res screen shows what you've entered in standard sheet music format.
- Included Software: Music Editor, Sound Effects Editor, Text to Speech, and over 30 songs and sound effects ready to run, not copy protected! ProDos based.
- Easy to program in Basic to generate speech and complex sound effects. Now your games can have explosions, phasor zaps, train whistles, death cries. You name it, this card can do it.
- Unlimited vocabulary voice.
- Simple commands adjust rate of speech, pitch, volume and more.
- Powerful 4 watt stereo amplifier for direct connection to any size speakers.
- Requires Apple IIe or II+ (64K minimum) with one disk drive.
- Software is RAM based when used with any standard RAM card for ultra-fast operation.
- No hassle 5 year warranty.

WARNING: Applied Engineering will not be responsible for shattered windows, cracks in plaster, or government personnel mistakenly thinking an alien attack is taking place in your neighborhood. Phasor is equipped with volume controls. Please keep them at the appropriate level. Thank you.

$179

PHASOR™

Phasor— for the thunderous, booming power you so desperately need.

Phasor™ is a complete high performance stereo music, sound and speech synthesizer for the Apple IIe, II+ or IIGS. Phasor offers 12 musical and sound effect voices (channels) and 4 white noise generators for percussive sounds. Phasor also gives your Apple the power of uncanny speech, with its unlimited vocabulary speech synthesizer.

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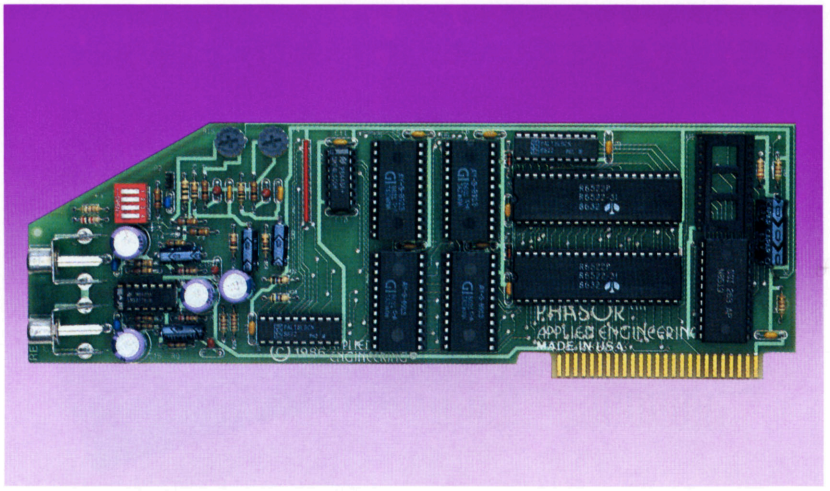


Phasor

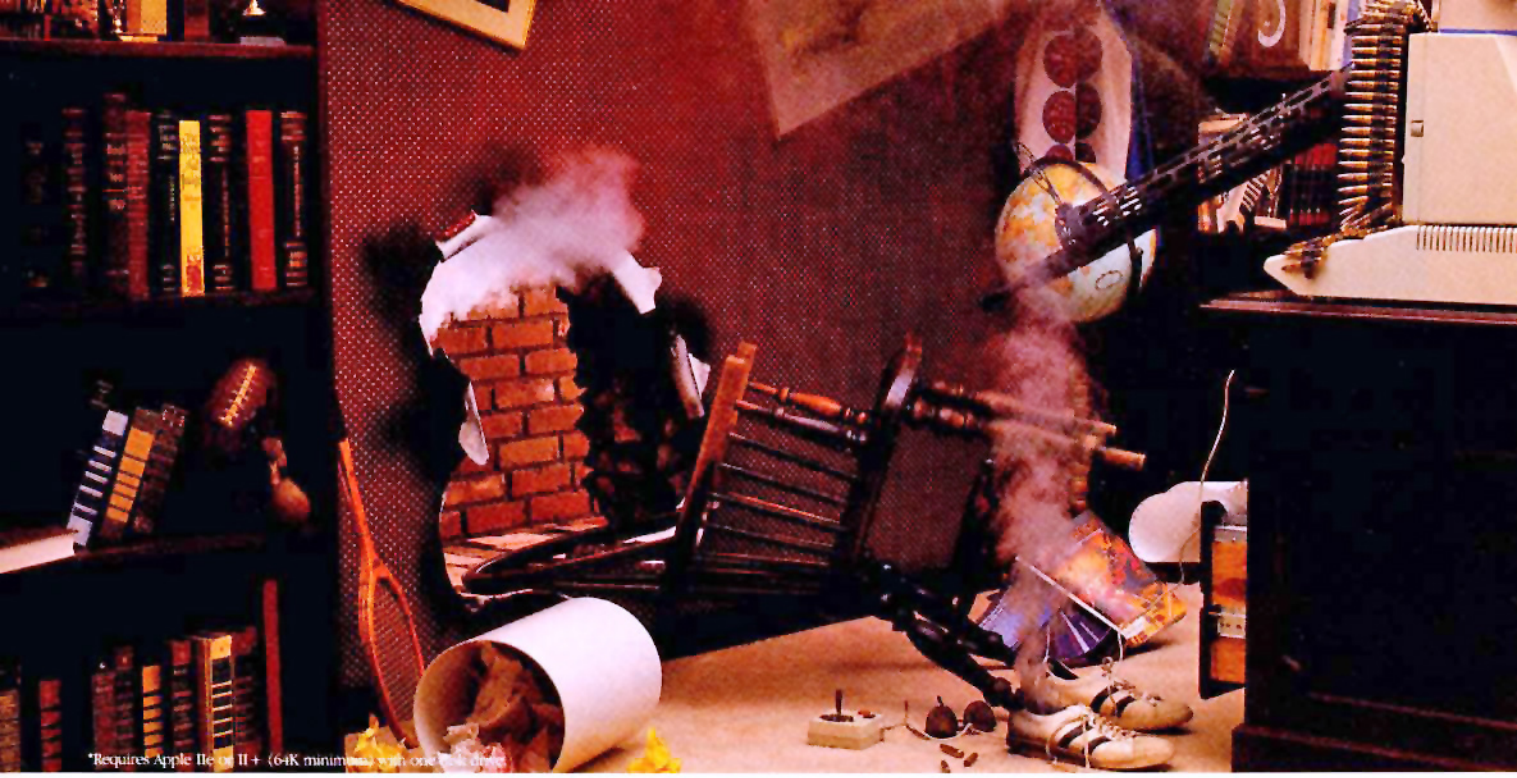
Features:

- The most compatible sound card available. Fully Mockingboard, ALF and Super Music Synthesizer compatible but with many enhanced capabilities
- 12 simultaneous sound channels, 4 white noise generators, 1 voice channel expandable to 2 voices
- Easy to use "COMPOSE" software. You'll start right away inputting your favorite songs. Our manual shows you how, step-by-step. The Hi-Res screen shows what you've entered in standard sheet music format
- Included Software: Music Editor, Sound Effects Editor, Text-to-Speech, and over 30 songs and sound effects ready to run, not copy-protected! ProDOS based
- Easy to program in BASIC to generate speech and complex sound effects. Now your games can have explosions, phasor zaps, train whistles, death cries. You name it, this card can do it
- Unlimited vocabulary voice
- Simple commands adjust rate of speech, pitch, volume and more
- Powerful 4 watt stereo amplifier for direct connection to any size speakers
- Requires Apple IIe, II+, IIGS (64K minimum), one disk drive and speakers
- Software is RAM based when used with any standard RAM card for ultra-fast operation
- 5 year warranty — parts and labor

WARNING: Applied Engineering will not be responsible for shattered windows, cracks in plaster, or government personnel mistakenly thinking an alien attack is taking place in your neighborhood. Phasor is equipped with volume controls. Please keep them at the appropriate level. Thank you.

Phasor **$169**

II+
IIe
IIGS
Laser
Franklin



Prepare to be blown away by your Apple.™

Phasor produces sound effects, music, and speech so striking, Applied Engineering feels you should be warned.

Have a weak heart? Don't read any further. And by all means, *don't go near* an Apple IIe or II+ equipped with the new Phasor sound synthesizer from Applied Engineering.

But those of you with the right stuff ... prepare yourself. Because the Phasor is like nothing you've heard before. It's a sound effects synthesizer that makes games explode into life. A music synthesizer that will stun you with 4 watts of stereophonic sound. And a speech synthesizer so realistic, it will send shivers up your spine.

"I recommend Applied Engineering products wholeheartedly!"

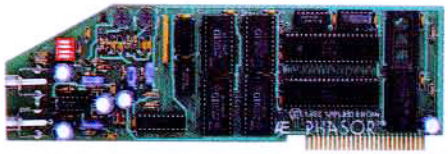
Steve Wozniak, the creator of Apple Computer

What's best, the Phasor works with more off-the-shelf software than any other sound card you can buy. So now all your favorite games — like Skyfox™, Under Fire™, Willy Byte™, Tactical Armor Command™, Maze Craze™, Zaxxon™ and Ultima IV™ — can have shattering sound effects. Educational packages like Music Construction Set™, Guitar Master™ and Music Star™ are also dramatically enhanced.

The Phasor has *four times* the output power and *twice* the accuracy of any other sound card — but of course, you can easily turn down the volume if you need a rest. The Phasor is equipped with 12 simultaneous sound channels, 4 white noise generators, and a voice channel expandable to 2 voices. Programs written for other sound cards, including Mockingboard™, ALF music card™, Syphonix™ and the Super Music Synthesizer™, sound even better with the Phasor. And you can control speech, pitch, volume and more with simple commands.

The Phasor comes with its own easy-to-use software (ProDOS based), including 30 ready-to-run, non-copy protected songs and sound effects along with a Music Editor, Sound Effects Editor and Text to Speech program. And of course, it carries our no-hassle, five-year warranty.

Order a Phasor for your Apple today — and prepare to be blown away! Call (214) 241-6060 to order (9 a.m. to 11 p.m. 7 days). Or send check or money order for $179 to:



Æ Applied Engineering

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