THE NEW CITATION STEREOPHONIC KIT LINE BY harman kardon

"THE CITATION SOUND"

"...for the sake of music and our demanding love of it."

The Citation Concept

"The new Citation Kits represent for me the successful culmination of years of research and experimentation to achieve the ultimate in high fidelity design."

STEWART HEGEMAN, DIRECTOR OF ENGINEERING, CITATION KIT DIVISION, HARMAN-KARDON, INC.

Stew Hegeman's statement was made when the first Citation instruments were completed. Since that time Citation has indeed achieved recognition as "the ultimate in high fidelity design." The "Citation Sound" has been acclaimed by audio authorities everywhere. (See Back Cover)

When Harman-Kardon decided to manufacture high fidelity kits there was one objective: build the very best. That required an engineering project group of unique talent and experience. It also involved imposing no limitations of price or any other marketing considerations upon the engineering group. Performance was the only standard.

Today Citation is established as the finest sound reproducing equipment in the world. And now, the original Citation line has been enlarged to provide a wider choice to the consumer who will settle for nothing less than the best.

The Citation Preamplifiers

All of the new Citation instruments reflect brilliant engineering techniques found only in the finest professional equipment. The Citation preamplifiers are flexible, easy to operate and provide no coloration of their own to any program material.

Both Citation preamplifiers (I and IV) consist essentially of a group of circuit blocks termed "active" and "passive" networks. Active networks incorporate the vacuum tubes and furnish amplification; passive networks consist of resistors and condensors and provide precise equalization. The circuit blocks are carefully separated in these preamplifiers. The active networks are treated as one or two stage amplification units, flat over an extremely wide frequency range and each one of these networks is surrounded with a feedback loop. *This results in levels of distortion so low as to prove unmeasurable.* It inhibits phase shift throughout the entire audible range and prevents changes in performance due to tube aging. The passive networks are constructed with precision components and are designed for minimum phase shift.

Nothing has been overlooked in the design of the Citation I and IV preamplifiers. All preamplifier filaments are DC heated and low noise resistors are used in critical places to reduce thermal agitation and hum. Controls are arranged in logical groups to facilitate operation. Knobs are specifically designed for ease of use. No compromise has been made in the design or construction of either instrument.

The Citation Power Amplifiers

Audio engineers are frequently asked: "Why design equipment which can reproduce sound well beyond the audible range?" Audio engineers have discovered that the characteristics of an amplifier in the non-audible range strongly influence the quality of sound in the audible frequency range. This can be discovered in critical listening tests where the program material for each amplifier can be controlled. The information learned in these tests is directly related to the ultimate design of the amplifier.

Citation, for example, will produce frequencies as low as 5 cycles virtually without phase shift. This results in a tight and clearly defined low frequency response. If an amplifier's high frequency response is limited to slightly above the limits of audibility, it may have a tendency toward strident reproduction and poor differentiation of instruments in the higher overtones. On the other hand, the Citation amplifiers (II andV) which have a frequency response beyond 100,000 cycles without any evidence of ringing or instability offer clean and transparent tone quality in the highest audible frequencies.*

The higher the degree of feedback—and the consequent lower distortion—in an amplifier, the more apparent the improvement in sound quality and the greater the reduction in listener fatigue. In the Citation amplifiers special techniques have been developed to increase the degree of feedback as the most logical method for lowering distortion without sacrificing stability. This results in a distortion reduction factor of 20/1 to 30/1.

To maintain the stability of amplifiers carrying a low frequency cut-off below 2 cycles, the power supply must meet very special requirements in terms of regulation and low source impedance. These requirements were met in the Citation II and V by using a silicon rectifier voltage doubler circuit. This circuit takes advantage not only of the low internal impedance of the silicon rectifiers but also of the very low copper loss in the power transformer, thus providing the necessary regulation and source impedance.

Special output transformers were designed to take advantage of the broad band circuitry. By minimizing the leakage inductance and distributed capacity of the primary halves, the resonant frequency of the transformers have been raised to the 270 KC range. The massive design, utilizing the highest grade core materials, lowers the effect of core distortion due to magnetizing current to a region well below the limit of human hearing.

The use of these special output transformers in conjunction with video pulse amplifier techniques permit attainment of a frequency response over two octaves above and below the normal range of human hearing.

**The high frequency response of the amplifier, exclusive of the output transformer, is flat to the megacycles region.*

The Citation III FM Tuner

Now, for the first time, Harman-Kardon has made it possible for the kit builder to construct a completely professional tuner without reliance upon extensive external equipment. Furthermore, to maintain the standards established by Citation I and II, the new Citation III FM Tuner has been designed to provide the highest level of professional performance. In every respect—in design, construction and performance—the Citation III is the finest tuner you can buy.

To meet the special requirements of Citation III, a new FM cartridge was developed which embodies most of the critical tuner elements in one compact unit. They include the third RF stage, mixer, oscillator, IF sections and Automatic Frequency Control. The cartridge is completely assembled at the factory, totally shielded and perfectly aligned—eliminating the difficult problems of IF alignment, oscillator adjustment and lead definition. Thus, the kit builder is assured that *the tuner he constructs will be the equal of the laboratory designed, factory-built product.*

The Citation III's specially designed front end employs the revolutionary Nuvistor tube which furnishes the lowest noise figure and highest sensitivity permitted by the present state of the art.

Two tuned circuits transitionally coupled lead into the Nuvistor and assure outstanding selectivity. The tuning gangs are compact precision devices specifically designed to handle high frequencies without introducing stray capacitance and inductance.

To maintain low distortion characteristics, it is essential for the discriminator to have a high impedance load at all frequencies. To provide this constant high impedance load a cathode follower has been inserted between the discriminator and the de-emphasis network. Careful listening tests offer conclusive evidence that this unusual design innovation eliminates virtually all traces of distortion.

A two-stage audio circuit patterned after the Citation II and Citation V is employed in the tuner. By utilizing a high degree of feedback and providing a frequency range three octaves above and below the range of normal hearing, the Citation sound quality is maintained and phase shift is virtually eliminated.

The Citation III truly reflects the Citation approach to audio design: no compromise in quality—regardless of cost.

"The Rolls Royce of the Kit Field"

The Rolls Royce is the symbol of performance and quality without compromise. It is for precisely this reason that the editor of Electronics Illustrated chose to identify Citation as "The Rolls Royce of the kit field."

The process of designing a kit is far more difficult than producing the complete manufactured product. In the factory, the engineer can control his design from the moment of inception until the final packaging. The kit builder has only his tools, his ingenuity and little, if any, test equipment. Therefore, the complex process of in-plant production and control which guarantees the fine finished product must somehow be inherent in the kit design. The Citation engineering group has succeeded in doing just this. The engineering built into these instruments is so remarkably precise that all you need is yourself, and a reasonable amount of patience, to build an instrument equal to the factory product.

In order to duplicate the precision of the finest assembled instruments, the Citation Kits incorporate many new assembly features. These include:

Military-type Construction: Rigid terminal boards are provided for mounting resistors and condensers. Once mounted, these components are suspended tightly between turret lugs. Lead length is sharply defined. The uniform spacing of components and uniform lead length insure overall stability of the unit.

Special Cable Harness: Improper routing of leads, particularly long leads, can result in unstable performance. To prevent this, Citation II is equipped with a template to construct a Cable Harness. The result: each wire is just the right length and in just the right place to achieve perfect performance.

Special Aids: Resistors and condensors are all filed individually on special component cards for ease of identification. Wherever the wiring is especially critical, sections have been pre-wired at the factory. Among these are the switches on the Citation I as well as sections of the Citation III tuner.

Citation FM Tuner Cartridge: The most difficult part of building a tuner involves alignment of the IF sections, oscillator adjustment and lead definition between the front end and IF strip. All of these critical elements are incorporated in the new Citation FM cartridge which is completely assembled and aligned at the factory. With the cartridge as a reliable standard, and the two D'Arsonval movement tuning meters, the kit builder can maintain ideal alignment of every section of the tuner.

Only heavy duty components, operating at tight tolerances have been selected for the Citation Kits. As a result, even if every component is operated at its limit—a remote possibility—the instruments will still perform well within their specifications.

In the design of Citation—nothing has been left to chance. All of the safeguards and guarantees of Production Control Engineering are embodied in the design of the new Citation Kits.

THE CITATION I

Stereophonic Preamplifier Control Center

- Separate bass and treble step-type tone controls for each channel. Controls electrically out of the circuit when in the flat position. This eliminates phase shift and transient distortion inherent in all tone controls.
- Special scratch filter contained in treble cut positions for sharp roll-off without ringing.
- Each amplification stage is surrounded with a feedback loop and is flat over an extremely wide range.
- Unmeasurable distortion and phase shift.
- D.C. on all heaters and the use of low noise resistors in the critical places to reduce thermal agitation and hum.
- Anode follower output insures extended low frequency response by including the output coupling condenser in the feedback loop.
- Chassis designed to permit easy accessibility to all connections.
- Preamplifier can be easily installed into a cabinet by merely sliding chassis in from the front. Escutcheon remains fastened to chassis eliminating the need to mount it separately to the front panel.
- Eighteen stages utilizing nine dual triodes.
- Six silicon diodes provide unexcelled B + and filament regulation.
- Separate turnover and roll-off equalization controls for virtually any combination of record or tape playback equalization curves.
- Continuously variable blend control acting as a center channel gain control or as a crossfeed control if a center speaker is not used.
- Zero to infinity balance control offering full range and complete cut-off for either speaker.
- Illuminated Rotary on/off switch.
- Military construction throughout for rigidity and professional appearance.
- Beautifully styled in charcoal brown and gold.

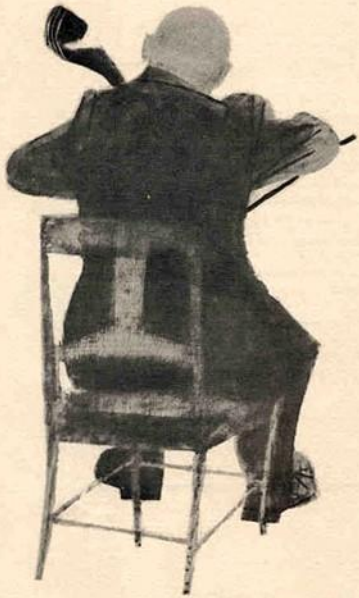
The Citation I . . . Price $164.95
Factory Wired . . . Price $254.95
Walnut Enclosure, WCI . . . Price $30.95

THE CITATION II

120 Watt Stereophonic High Fidelity Power Amplifier

- Delivers 60 watts each channel from 18-40,000 c.p.s. with less than 0.5% distortion. Can be operated as 120 watt monophonic amplifier.
- Use of video output pentodes in all low level stages for exceptional wide frequency response and low distortion.
- Output stage consists of two KT88's per channel conservatively operated in fixed bias, distributed load circuit.
- Multiple feedback loops for increased degree of usable feedback (30db overall) to lower distortion without sacrificing stability.
- Power supply consists of four silicon diode rectifiers, choke, heavy duty electrolytics and potted power transformer for superb regulation and long life.
- Extended frequency response. Two octaves above and below the normal range of hearing for smooth transparent sound.
- Absolutely stable with any load.
- Bias Meter to adjust individually the plate current of each KT88 for proper balance and lowest distortion. This insures optimum performance even after aging of the output tubes.
- Output transformers designed to exacting professional specifications.
- High power output at the extreme ends of the frequency range enables the amplifier to effortlessly drive any of today's inefficient speakers at *any* power level. High power rating insures flawless, transparent reproduction at low listening levels.
- Military construction represented by rigid component terminal boards for ease of construction, strength and neat appearance. Special cable harness and components of professional quality.
- Handsomely styled in gold and charcoal brown.

The Citation II . . . Price $169.95
Factory Wired . . . Price $239.95
Metal Enclosure, ACII . . . Price $7.95



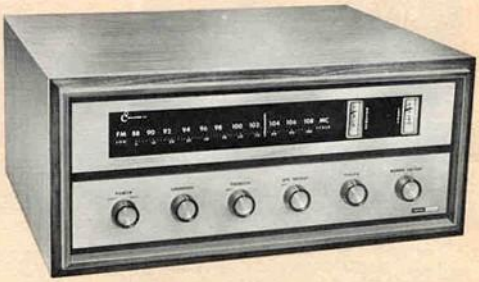
THE CITATION III is the world's most sensitive tuner. Designed in the magnificent Citation tradition, this superb instrument offers specifications and performance never before achieved.

- Double-tuned antenna circuit transitionally coupled to first RF stage.
- First RF comprised of Nuvistor for lowest noise figure obtainable.
- Preassembled and factory aligned RF stage, mixer, oscillator, AFC and three IF's assure proper alignment without the need for special instrumentation.
- Tuning gangs specially designed for outstanding selectivity and elimination of stray capacitance and inductance.
- Cathode follower inserted between discriminator and de-emphasis network to provide constant high impedance loading and eliminate distortion.
- Two separate D'Arsonval movement tuning meters for signal strength and center of the channel tuning. Meters are used for the alignment of the front end, discriminator and limiters.
- Wide band IF limiters and discriminator assure excellent capture ratio with virtually non-existent distortion.
- Defeatable AFC with regulated voltage supply to maintain absolute oscillator stability regardless of line voltage variation.
- Front panel volume control.
- Front panel squelch with defeat switch.
- Two 6BN6 gated-beam limiters assure exceptionally high capture ratio, greater quieting, lower distortion and a completely uniform audio output of all signals.
- Local/distance switch.
- Military-type terminal board construction for rigidity, strength, proper lead dress and professional appearance.
- Audio range 3 octaves above and below range of normal human hearing.
- Special provision to accommodate all multiplex adapters. Front panel is specially designed to accept multiplex operating controls at a future date.
- Magnificently styled in gold and charcoal brown to match all of the Citation instruments.

The Citation III . . . Price $154.95
Factory Wired . . . Price $234.95
Walnut Enclosure, WCI . . . Price $30.95

THE CITATION III

Professional FM Tuner



THE CITATION IV

Stereophonic Preamplifier Control Center

THE NEW CITATION IV is a compact stereophonic preamplifier designed in the best Citation tradition. It offers performance and features rivaled only by the famous Citation I.

- Separate bass and treble tone controls for each channel. Controls may be switched out of the circuit completely to eliminate phase shift and transient distortion inherent in all tone controls.
- Each amplification stage is surrounded with a feedback loop and is flat over an extremely wide frequency range.
- Special rumble and scratch filters to effectively remove turntable and record noise without introducing distortion or ringing.
- D.C. on all heaters and the use of low noise resistors in critical places to reduce thermal agitation and hum.
- Distortion and phase shift virtually non-existent at rated output.
- Continuously variable blend control to obtain center "fill" as required. Completely out of the circuit in the zero position.
- Illuminated push-button On/Off switch permits preamplifier to be turned on and off without upsetting careful setting of operating controls.
- Third channel amplifier output.
- Separate switches for Tape Monitor and Contour.
- Zero to infinity balance control allows complete cut-off for either speaker.
- Feedback pair output stage for low output impedance with extended frequency response and minimum distortion.
- Military-type terminal board construction for rigid, professional appearance. Phenolic terminal boards are ¼" thick and are of the highest quality.
- Beautifully styled in charcoal brown and gold.

The Citation IV . . . Price $122.95
Factory Wired . . . Price $192.95
Walnut Enclosure, WCI . . . Price $30.95

THE CITATION V

80 Watt Stereophonic Basic Power Amplifier

THE CITATION V is a smaller version of the powerful Citation II. This magnificent new basic power amplifier has every worthwhile feature required for superb stereophonic reproduction.

- Conservatively rated at 40 watts RMS per channel with 95 watt peaks at less than 0.5% distortion.
- Clips clean without breakup.
- Can be operated as an 80 watt monophonic amplifier.
- Output stage consists of two 7581's per channel operating conservatively in fixed bias, ultra-balance circuit.
- Frequency response extends two octaves above and below the normal range of hearing to insure perfect square wave response at all frequencies.
- Absolutely stable with any type of load.
- Specially designed output transformers with resonant frequency above 200 KC.
- Power supply consists of four silicon diodes (hermetically sealed) and heavy duty electrolytics for superb B+ regulation and long life. This results in instantaneous recovery time and superb transient response.
- Bias meter to statically and dynamically adjust each pair of 7581 output tubes.
- Maximum power output at the extreme ends of the frequency range enables the amplifier to effortlessly drive any of today's inefficient speakers.
- Military construction represented by rigid component terminal boards for ease of construction, strength and neat appearance.
- Handsomely styled in charcoal brown and gold.

The Citation V . . . Price $124.95
Factory Wired . . . Price $184.95
Metal Enclosure, ACV . . . Price $7.95

Technical Notes and Specifications

The Citation I

Frequency Response:	+0 −0.5 db, 5-80,000 cycles per second.
Distortion:	Less than 0.05% at 2 volts.
Total Noise:	High-Level Input: 85 db below rated output. Low-Level Input: Less than 1.5 microvolts referred to input terminals.
Rated Output:	Main Outputs: 2 volts. Tape Outputs: 0.3 volts.
Input Sensitivities:	High Level: 0.2 volts. Low Level: 2.5 mv. in phono RIAA position; 2.0 mv. in tape head position. Ceramic Phono: 0.1 volt.
A.C. Convenience Outlets:	Total 4. Three switched; one unswitched.
Function Selector:	Six positions: Aux, Tape Amp, Tuner, Phono 1, Phono 2, Tape Head.
Mode Selector:	Five positions: Stereo, Blend, A + B, Channel A, Channel B.
Blend Control:	Acts as crossfeed control in blend position or third channel gain control in stereo position.
Equalization Controls:	Two separate controls for roll-off and turnover. Roll-off: 0/7B, 4/FFRR, 10.5/Old Lon., 12/AES, 14/RIAA, 16/LP. Turnover: Tape, 800/RCA, RIAA, LP, AES, 78.
Tone Controls:	Professional step-type for each channel. Out of the circuit in the flat position.
Balance Control:	Zero to infinity type, frequency insensitive.
Phasing Switch:	To correct for improperly recorded program material or out of phase speakers. Interchanges Channel A and B for proper orchestra orientation.
Channel Reverse Switch:	Compensates for Fletcher-Munson effect at low listening levels.
Contour Switch:	Three position switch: flat, 15 cycle subsonic filter, 75 cycle rumble filter.
Low-Frequency Filter:	Five positions incorporated into treble tone controls.
High-Frequency Filter:	Permits monitoring of tape while recording.
Tape Monitor Switch:	Illuminated rotary A.C. switch—heavy duty type.
Power On/Off Switch:	Four main preamplifier outputs. One third channel output. Two tape outputs for recording.
Output Receptacles:	(Total 9) 4-ECC83/12AX7, 5-ECC81/12AT7 plus 6 silicon diodes.
Tube Complement:	14⅞" W x 12¼" D x 6" H.
Dimensions:	32 lbs.
Shipping Weight:	Gold and charcoal brown.
Finish:	Optional wooden enclosure.
Accessories:	

The Citation II

Continuous Power Output:	60 watts per channel.
Peak Power Output:	130 watts peaks per channel.
Harmonic Distortion:	Less than 0.5%, 20-20,000 cycles per second at 60 watts. Unmeasurable at normal listening level.
Intermodulation Distortion:	Less than 0.5% at 60 watts. Unmeasurable at normal listening level.
Frequency Range:	18-40,000 cycles per second, +0, −1.0 db at 60 watts. 2-80,000 cycles per second, +0, −1.0 db at 1 watt.
Sensitivity:	1.5 volt RMS input for 60 watts.
Damping Factor:	Greater than 18.
Feedback:	30 db achieved through multiple loops.
Hum and Noise:	Better than 90 db below 60 watts.
Power Supply:	Excellent B+ regulation attained through use of low Z silicon diode rectifier supply.
Inputs:	One input for each channel.
Output Impedance:	4, 8 and 16 ohms.
Controls:	4 D.C. bias adjust potentiometers, 1 for each output tube, plus 2 A.C. balance potentiometers.
Convenience Outlet:	One A.C. convenience outlet.
Fuse:	A.C. primary, externally accessible.
Special Feature:	Bias Meter.
Construction:	Military-type construction with all components held to tight tolerances.
Tube Complement:	(Total 10) 6-12BY7A, 4-KT88, plus 4 Silicon Diodes, 1 Selenium Rectifier.
Power Consumption:	350 watts.
Dimensions:	16½" W x 9" H x 11½" D.
Shipping Weight:	71 lbs.
Finish:	Charcoal brown and gold.
Accessories:	Metal protective cover.

The Citation III

Circuits:	Nuvistor front-end circuit tuned by two separate electrically and mechanically isolated tuning sections for maximum selectivity at lowest oscillator radiation. This is followed by a factory assembled and adjusted converter and IF sub-assembly consisting of a grounded grid triode RF stage, triode mixer and solid state AFC circuit, and three wide band IF stages. Two 6BN6 zero time constant gated beam limiters followed by a wide band Foster-Seeley discriminator. Special Citation wide band audio output circuitry for extended frequency response with unmeasurable phase shift.
Sensitivity:	0.65 microvolts for 20 db of quieting. 0.85 microvolts for 30 db of quieting.
Selectivity:	240 KC bandwidth: 6 db down.
Discriminator Peak to Peak Separation:	600 KC ultra linearity.
Image Rejection:	65 db. IF Rejection: 90 db.
Frequency Response:	+0.5 db, 1-52,000 cycles per second.
Distortion:	Unmeasurable at 30% modulation. Less than 0.1% at 100% modulation.
Limiter:	Dual cascaded gated-beam constant output.
Antenna Input:	300 ohms (Balanced).
Hum Level:	65 db below 100% modulation.
Radiation:	Within FCC requirements.
Output Level:	2 volts at 100% modulation. Adjustable by front panel volume control.
Output Impedance:	1500 ohms, feedback couple.

The Citation IV

Frequency Response:	+0 −0.5 db, 5-80,000 c.p.s.
Distortion:	Less than .05% at 2 volts.
Noise:	Hi Level: 85 db below rated output. Lo Level: Less than 1.5 microvolts referred to input terminals.
Rated Output:	2 volts.
Sensitivity:	Hi Level: 0.2 volts. Lo Level: 2.5 mv in phono position.
Function Selector:	6 Positions: Aux, Tape Amp, Tuner, Phono-RIAA, Phono-LP, Tape Head.
Mode Selector:	Five Positions: Stereo, Reverse, A + B Channel A, Channel B.
Blend Control:	Continuously variable, Removed from circuit in zero position.
Tone Controls:	Variable type for each channel: May be removed completely from circuit by special switch.
Balance Control:	Zero to infinity type.
Contour Switch:	Compensates for Fletcher-Munson effect at low listening levels.
Rumble & Scratch Filters:	Non-ringing switched type.
Tape Monitor Switch:	Permits monitoring of tape while recording.
Power On/Off:	Illuminated push-button, heavy duty.
Output Receptacles:	Two main preamp. Output jacks. One center channel output. Two tape outputs for recordings.
Tube Complement:	Six ECC83/12AX7's, plus 4 semi-conductor rectifiers.
Dimensions:	14⅛" W x 11" D x 5⅜" H.
Shipping Weight:	25 lbs.
Finish:	Charcoal brown and gold.
Accessories:	Optional wooden enclosure.

The Citation V

Continuous Power Output:	40 watts per channel.
Peak Power Output:	95 watts per channel.
Harmonic Distortion:	Less than 0.5%, 20-20,000 cycles per second at 40 watts. Unmeasurable at normal listening level.
Intermodulation Distortion:	Less than 0.5% at 40 watts.
Frequency Response:	7-45,000 c.p.s. +0 −1.0 db at 40 watts. 2-80,000 c.p.s. +0 −1.0 db at 1 watt.
Sensitivity:	1.2 volt RMS.
Damping Factor:	15 measured at 16 ohm tap. (IHFM method).
Feedback:	22 db.
Hum and Noise:	Better than 85 db below 40 watts.
Power Supply:	Excellent B+ regulation attained through use of low Z silicon diode rectifier supply.
Inputs:	One input for each channel.
Output Impedance:	4, 8 and 16 ohms.
Controls:	D.C. and A.C. balance potentiometers. Internal signal supplied for A.C. balance.
Fuse:	A.C. primary, externally accessible.
Special Feature:	Bias meter with special spring return switch to remove meter from circuit when not needed.
Construction:	Military-type terminal boards. Close tolerance components.
Tube Complement:	Total 8: 2—12BY7A, 2—6CG7, 4—7581 plus 4 silicon diodes and 1 selenium rectifier.
Power Consumption:	250 watts.
Dimensions:	13⅞" W x 5½" H x 11¼" D.
Shipping Weight:	45 lbs.
Finish:	Gold and charcoal brown.
Accessories:	Metal protective cage.

"THE CITATION SOUND"

"...for the sake of music and our demanding love of it."

HERE IS WHAT AUDIO AUTHORITIES EVERYWHERE HAVE TO SAY ABOUT CITATION:

"Specifications published by the manufacturer are so astonishing that our sister publication, Electronics World, has subjected them to critical examination and found performance wholly consistent with claims . . . Nothing can faze it . . . we have heard this particular amplifier loaded with four big speaker systems glide over the steepest orchestral hurdles without the slightest trace of strain . . . The realism of the virtually distortion-free music was nothing less than startling. Our initial amazement soon gave way to an easy, relaxed enjoyment that was sustained for hours without a trace of that tension known as "listening fatigue". Here was a sound system that fulfilled the most difficult of all high fidelity requirements: to provide an awareness only of music, and oblivion of technicalities . . . Over and above the details of design and performance, we felt that the Citation group bore eloquent witness to the one vital aspect of audio that for so many of us has elevated high fidelity from a casual hobby to a lifelong interest: *the earnest attempt to reach an ideal—not for the sake of technical showmanship—but for the sake of music and our demanding love of it.*"

HiFi Stereo Review — *Herbert Reid, Hi-Fi Stereo Review*

"At this writing, the most impressive of amplifier kits is without doubt the new Citation line of Harman-Kardon . . . their design, circuitry, acoustic results and even the manner of their packaging set a new high in amplifier construction and performance, kit or no."

Saturday Review — *Norman Eisenberg, Saturday Review*

"The unit which we checked after having built the kit, is the best of all power amplifiers that we have tested over the past years . . . none have had distortion that was quite as low as we found in this new Citation II . . . we found no ringing or instability—and the amplifier should provide the very finest in hi-fi stereo reproduction when matched with other components of comparable quality."

ELECTRONICS WORLD — *William Stocklin, Editor, Electronics World*

"When we first heard the Citations our immediate reaction was that one listened through the amplifier system clear back to the original performance, and that the finer nuances of tone shading stood out clearly and distinctly for the first time . . . bass is clear and firm, and for the first time we noted that the low frequency end appeared to be present even at low volumes without the need for the usual bass boost . . . When the amplifier is completed, the user may be assured of having a unit he can be proud of and one which will give him a quality of reproduction at least as good as any he has ever heard—and likely better . . . The kit is a joy to construct."

AUDIO — *C. G. McProud, Editor, Audio Magazine*

"Its listening quality is superb, and not easily described in terms of laboratory measurements. Listening is the ultimate test and a required one for full appreciation of the Citation . . . there is a solidity, combined with a total ease and lack of irritation which sets this amplifier apart from most others . . . The more one listens to the Citation II, the more pleasing its sound becomes . . . Anyone who will settle for nothing less than the finest will be well advised to look into the Citation II."

high fidelity — *Hirsch-Houck Labs, High Fidelity Magazine*

CITATION KITS

by **harman kardon**

INCORPORATED
PLAINVIEW, NEW YORK

Export Offices: E.M.E.C., Plainview, N.Y.

Distributed by:

C-60W