Well over fifty manufacturers of stereo hi-fi components will display their equipment at the New York High Fidelity Music Show, September 19 through 22. This includes ten exhibitors who were not present at last year's show, some of whom are newcomers to the U.S. hi-fi scene. Absent, however, are nine exhibitors who participated in last year's show, leaving an actual gain of one exhibitor (see list of exhibitors at conclusion of article).

Shown here are the hi-fi components and systems expected to be the "hot" ones for the '68-'69 season, based on manufacturers' reports.

Receivers, et al

As regular readers of Audio already know, receivers—combination tuners (FM stereo or FM stereo/AM), control preamplifiers, and power amplifiers—have usurped the major role once played by separate components. This does not mean that separate tuners, preamplifiers, and basic power amplifiers are passé. It simply indicates that more and more people are buying all-in-one units to either save space, to make it easier to integrate the electronics into a room's decor, or simply to avoid interconnecting different components (as easy as it is to do).

Based on Audio's Annual Product Directory listings (see August 1968 issue), however, the number of receiver models available this year compared to 1967 actually dipped about 5 per cent, while the number of separate components models showed a distinct rise (as high as 10 per cent). In this basic mix, we also note that some companies have mated amplifiers with speaker systems. And, of course, compact music systems, where all components, including a record changer and two speaker systems, continue to command a growing share of the market.

Solid-state devices are firmly entrenched in present-day circuitry, naturally, though vacuum-tube diehards can still purchase a few good performers that are not transistorized. Field-effect transistors in tuner front ends are rather commonplace this year, as are integrated circuits. Both devices can improve performance, given proper circuit design.

Unlike the auto industry, hi-fi component manufacturers do not always discard the previous year's models in order to present "brand new" ones. Thus, many models introduced last year will continue to carry the company's banner into 1969. For example, AR will exhibit its clean-lined 60 watts rms/channel integrated amplifier ($225); Altec will display the $399.50 Model 711B FM stereo receiver (50 watts IHF/channel, 1.9 µV FM sensitivity); C-M Labs. will show the 100 watts rms/channel Model 911 power amplifier ($477); Dynaco has the PAT-4 solid-state preamplifier (wired, $129.95, kit $79.95); Koss-Acoustech its VIII FM stereo tuner ($349 wired, $249 kit); Marantz will titilate attendees again with its $695 Model Eighteen FM-stereo receiver's built-in 'scope; and so on.

Some of the above-named manufacturers will introduce other hi-fi products for the first time, however. Rumors indicate that C-M will debut a tuner with a built-in 'scope, as well as an electronic crossover; AR is expected to introduce a new speaker system; Koss-Acoustech an AM/FM stereo receiver kit with digital read-out for broadcast station and go/no-go tuning (used instead of a meter); and Marantz will unveil speaker systems for the first time.

New receivers will be plentiful. Bogen will show off its 75-watt, 1.5-µV FM sensitivity, AM/FM stereo receiver ($279.95), which has an FET front end and ICs. Electro-Voice will display two new low-silhouette receivers, Models E-V 1181 (FM stereo) and E-V 1182 (AM/FM stereo). Identical except for the additional AM broadcast band on the E-V 1182, they feature 20-watts IHF/channel power output, 2.5 µV FM sensitivity, and FETs and ICs. The FM receiver is priced at $176; $238 more for the AM/FM stereo model. Fisher plans to introduce its Model 250-T AM/FM stereo receiver ($299.95) to the public, among many other components, compact music systems, and consoles. The 250-T offers 100 watts of music power (IHF), with an IHF FM sensitivity of 2 µV. It features
Tune-O-Matic® circuits, permitting pushbutton selection of any of five FM stations, as well as conventional station selection with a tuning knob. Circuit design includes a FET FM front end and integrated circuits. Among a raft of other components expected to be shown is Fisher's Model TX-1000 120-watt music power control amplifier ($329.95) and its Model TFM-1000, 1.8-μV sensitivity FM stereo tuner ($429.95). Harman-Kardon will feature its 70-watt/channel "Nocturne 520" FM stereo receiver, at $315.00. JBL will be showing its $435.00 SA600 60-watt rms/channel control amplifier. Among its unusual features are a three-position phono switch for best signal-to-noise ratio selection, and an Aural Null stereo balancing circuit. Kenwood intends to introduce matching pairs of components: Model KT-7000 AM/FM stereo tuner, with a 3 FET front end, ICs and crystal filters, providing 1.5 μV sensitivity, and the KA-6000 stereo control amplifier with 170-watts music power, blue light indicators for mode identification, and step-type tone controls. $249.95 each, including walnut cabinet. Pioneer will feature its SX-1500T, 170-watts music power, AM/FM stereo receiver. Features include one FET in the front end, four ICs, and a walnut cover. Priced at $390. The company will also unveil a 210-watt power amplifier, Model SM-100, which has a damping-factor control from 1.5 to 10. Priced at $375. Among H. H. Scott's very broad line of components, music systems, and consoles, the Model 341 FM stereo receiver, at $249.96, is expected to have wide appeal. The receiver features 50-watts music power, 2.5-μV FM sensitivity (1HF) and an FET front end. Highlight of Sansui's exhibit will be its Model 5000, a 160-watt music power, 1.8-μV FM sensitivity, AM/FM stereo receiver. Priced at $449.95, it has an FET front end and four IC devices. The model’s dial face has a "black-out" design, with only the broadcast dial, signal and tuning meters lighting up in this mode, and only identification lamps lighting in color when other functions are selected. Sherwood will introduce a 160-watt, 1.8-μV sensitivity, FM stereo receiver. Model S-8800. It features six pushbutton controls on a new front panel, $399.50, less case. Sony Corp. of America's leading star will doubtless be its first receiver, the Model STR-6060FW, 110 watt (music power). FM stereo/AM component. Featuring three FETs in its front end, piezoelectric filters in the i.f. strip, and an IHF FM sensitivity of 1.8 μV, the receiver is priced at $599.50. A flip-down front panel section hides most of the controls. Sony's separate tuner, integrated amplifiers, three-channel electronic crossover, preamplifier, and other products will be on display, too, of course.

Two newcomers to the N. Y. Hi Fi Show are JVC America (Nisico) and Grammes. The Nisico Model 5003, a 140-watt (total) AM/FM stereo receiver priced at $339.95, features a "Sound Effect Amplifier" that consists of five slider controls to shape the frequency response. Grammes, an old component stalwart who has been absent in the audio salon marketplace for many years, returns to the show with a line that includes AM/FM stereo receiver model 503, a 35-watt 1HF/channel component.

Two prominent tape recorders manufacturers will exhibit amplifiers, too: Crown International, a 150-watt rms/channel basic power amplifier, the Model DC90 at $575; TEAC, a $299.50 40-watt 1HF/channel integrated amplifier. Do-it-yourselfers will not fare too poorly at the show, either. In addition to Dynaco and Koss-Acoustech, EICO and H. H. Scott offer hi-fi kits. EICO will introduce two new additions to its "Cortina" line: Model 3150, a 150-watt stereo integrated amplifier kit at $149.95 ($225 fully wired); model 8770 AM/FM stereo, 70-watt receiver kit at $189.95.
($279.95 fully wired). H. H. Scott will reveal its new LR-88, a 100-watt AM/FM stereo receiver kit at $334.95. The LR-88 incorporates an FET front end and an integrated-circuit i.f. section. And there's even a bevy of electronic crossover units now available, including Sony, Sansui, and Kenwood, with C-M Labs, expected to join them shortly. So there's a wider choice among "electronic" components than ever before, it seems.

**Record-Playing Components**

The automatic turntable (changer) vs. manual turntable battle that once raged here has lost its intensity. Automatiks have won hands down if you count the number of sales; manuals are still bought by audio perfectionists; some people own both types. There is no dearth of either type. For example, there are six companies at the N.Y. Hi-Fi Show that offer automatic turntables, most of whom have a variety of different models. And there are nine manufacturers who will display manual turntables.

British Industries’ line of Garrard automatic turntables is topped by the $129.50 SL.95 member of the company’s Synchro-Lab Series. Introduced last year, it uses a combination synchronous induction motor, said to provide fast start and high driving torque, while locking into the 60-Hz current for constant speed. It features manual cueing, built-in stylus gauge, anti-skating control, and snap-in cartridge clip. New for '69 is a three-way dust cover that can be raised at an angle and "secured" slid off the base from the front of the player, or lifted up and retracted completely. The styrene cover, designed to fit two new Garrard bases, are priced at $5.95 for model D-2 (for SL95 and SL75 turntable models) and $4.95 for Model D-1 (for other Garrard models). BSR McDonald’s show highlight will be its Model 700/7M44E combination automatic turntable/Shure cart-
idge / "power" base / cover, priced at $131.00 for the pre-assembled package. The turntable has a cueing control and an anti-skating control. Benjamin's Microcord automatic turntable line includes the new Model 620 turntable, priced at $89.50, the lowest in the company's line. The 620 contains a four-pole induction motor (its Model 500H, at $149.50, employs a Papst hysteresis-synchronous motor), and features a cueing control and an anti-skating control. United Audio’s new Dual 1212, at $74.50, will be introduced to the public for the first time at the show. The new model features a variable pitch control that allows its three speeds (33⅓, 45 and 78 rpm) to be varied over a six per cent range, as well as a silicon-damped cueing control and an anti-skating control.

EIpaa Marketing's Perpetuum-Ehner Model PE-2020 will be one of the exhibit's main attractions. The $129.50 automatic turntable incorporates a 15-deg. vertical tracking angle adjustment, as well as cueing and anti-skating controls. Seeburg will be displaying its LP storage playing system (plays both sides of 50 LP records automatically), with prices starting at $695 for component units.

Most of the manual turntables to be presented at the N.Y. Hi-Fi Show were in evidence at last year's show. Many have integrated tone arms, though there are some that allow for mounting of a tone arm of your choice. AR’s two-speed turntable / tone arm / base / cover Model XA, at $78.00, features a 24-pole, tiny synchronous motor. Bogen's four-pole motor B62 ($37.95) also has an integral arm, and features variable speeds from 29 to 86 rpm. Empire’s line of hysteresis motor turntables includes manuals ($114.00 and up) with integrated arms as well as without tone arms. The company has a separate tone arm available for $75.00. Koss Rek-O-Kut will show its B-12GH three-speed turntable with tonearm ($199.95). Marantz’ SLT-12U straight-
line tracking, hysteresis-motor turntable features zero tracking error since it travels in a straight line across the disc. ($285.00.) Pioneer’s manual turntable. Model PL-41E, at $189.95, has an integrated tone arm and a hysteresis motor. Sony Corp. of America’s Model TTS-3000 manual turntable boasts a servo-controlled motor to achieve precise motor speed. Additionally, the turntable incorporates a ±5% variable speed adjustment plus a built-in strobe. The two-speed turntable is said to attain operating speed in less than one second (about one-half a revolution), which enhances cue- ing efficiency. ($149.50.) A 12-in. tonearm with a silicon-damped, built-in cueing device, and an anti-skating compensator, is available, too ($85.00.) Text, better known for its line of tape recorders, enters a manual turntable with a tone arm and a moving-coil cartridge this year. The two-speed (said to be electronically controlled) unit is priced at $239.50. Thorens (Elpa Marketing Industries) will spotlight its TD 150-01 manual turntable/integrated tonearm unit ($299.75), as well as its other Thorens turntables. The belt-driven TD 150-01 has a double motor on a single shaft, and features a unified turntable/tonearm suspension system. Thorens and Ortofon tonearms will also be displayed.

Though some “solid-state” cartridges and other piezoelectric cartridges create a stir from time to time, none has quite made it big in the component hi-fi field. At the N.Y. Hi-Fi Show, for example, it’s a magnetic cartridge world, the only exception being Kenwood’s photo-electric cartridge at $120.00.

A number of new cartridges will be introduced at the show, while some made their initial appearance earlier. Benjamin Sound will reveal their new Elac line of cartridges. The top-of-the-line Model STS-4414E, at $89.95, is equipped with an elliptical stylus. Stereo separation is 20 dB at 1000 Hz, 17 dB at 10 kHz; and it tracks at 3/4 gram to 1.5 grams. The same model is available with a 0.5 mil stylus. Other models in the line include 0.7-mil styli. Empire will be playing its Model 990VE cartridge, also equipped with an elliptical stylus. Stereo separation is said to be 30 dB at 1000 Hz and better than 20 dB at 10 kHz. Tracking force is 4/5 to 1 1/2 grams. Elpa’s Ortofon stereo cartridge, Model SL-1ST, a moving-coil design (the cartridges previously mentioned are moving-magnet designs), claims 20 dB to 30 dB separation. It uses an external stereo-line transformer. IMF Products will demonstrate its new imported cartridge, the Super 800E. The $60.00 cartridge tracks at 0.8 grams and its frequency response is said to be within 1 to 2 dB up to 10 kHz. Also to be shown is the Audio & Design tone arm, which, at $120.00, employs mercury contacts. Pickering’s new XV-15 Series of magnetic cartridges is topped by its new XV-15/780F model, designed for use with top-quality turntables, automatic or manual. Equipped with an elliptical stylus, the model tracks at 1/2 to 1 gram. A DUSTOMATIC™ brush, set off-center, automatically cleans record grooves while playing a record. Priced at $50.00. There are five other XV-15 models in the series, each with progressively higher tracking force requirements and lower prices (down to $29.95). The “750” number in Pickering’s new model number relates to the company’s “Dynamic Coupling Factor” index of stylus performance as related to playback equipment; the higher the number, the higher the tracking force. Shure’s “hottest” cartridge is expected to be its new Model M91E ($19.95), said to be second for tracking ability only to its V-15 Type II cartridge in the company’s line. The elliptical-stylus-equipped magnetic cartridge features 1/4 to 1 1/2 gram tracking, channel separation over 20 dB at 1000 Hz. Shure’s other models, including the $19.50 Model V-16 Type II and the $39.50 M75E, will
also be performing. The Shure/SME separate tone arm, at $165.50, which includes viscous damping, cueing, and anti-skate adjustment provisions, will doubtless be shown too. The Stanton "Calibration Standard Series," headed by the Model 681 EE with elliptical stylus ($60.00) will be actively displayed. Each cartridge in the series incorporates a record-cleaning brush which is hinged on an off-center pivot. The 681 EE has a tracking force recommendation of ¾ to 1½ grams, and features a nominal channel separation of 35 dB. A line of moderately priced (95- to 185-) cartridges, Stanton’s "Broadcast Standard Series," will also be exhibited. These do not include a record-cleaning brush.

In all, there will be some 35 phono cartridges featured at the show.

**Tape Recorders**

Though there will be a few eight-track tape machines here and there at the show, the main tape recorder attractions will be open-reel tape recorders and cassette tape recorders; more of the former than the latter.

Crown is stressing the SX-700 series of solid-state recorders which accept 10½-in. reels on a 3-head modular-type transport with magnetic differential braking, hysteresis-synce drive motor, and separate spooling motors. These models feature 5-inch lighted VU meters, and are professional in every respect. Priced from $895, these recorders are available in several configurations for every application.

Harman-Kardon will show its new CA111—a stereo cassette recorder with many of the features usually found on reel-to-reel machines. The claimed frequency range of ±2 dB from 50 to 12,000 Hz is at least half an octave better at both ends than the ordinary cassette recorder. According to specs, distortion is low, and wow and flutter is comparable to that of conventional machines. Plays and records bothmono and stereo. Price, $179.50.

KLH is expected to introduce its first tape deck, an open-reel unit with an audiophophy noise-reduction system. Price, about $800.00.

The new Royal Deluxe Model 10.000 by Uber is featured by Martel Electronics. This is the first vertical recorder from Uber, and it includes a wide range of high-quality specifications and operational advantages, such as four speeds, built-in Diapilot for sound/slide synchronization, interchangeable two- and four-track head assemblies, and an independent 10-W/channel hi-fi amplifier. Also shown will be the Uber 4100—a stereo model of the famous 4000L and its predecessor, the 4000 Report 8. This portable machine fills a definite need in the stereo field.

Panasonic will exhibit a long line of recorders—20 in all, of which seven are being shown for the first time. These models include both a.c. and battery-oriented machines, some combined with an AM/FM-stereo radio receiver. The RS-290S, for example, is a four-track stereo cassette recorder combined with the receiver, and sells for $269.95. Several models feature continuous automatic reverse. Model RS-1000S is one of these, in a 3-motor, four-head configuration adaptable to push-button and time control. This model is priced at $999.95.

Sony’s wide range of tape recorders will be displayed by Superscope, and will include the new TC-666D Auto-Reverse Deck which incorporates a noise-reduction system. This model is priced at less than $375.00. The noise-reduction system is said to reduce noise in playback by 6 dB without affecting frequency response. Also new this year is the Model 124CS, a cassette recorder system which includes two matching speaker systems. The unit has a claimed frequency response of 50 to 10,000 Hz, and is priced at less than $199.50.

Regus is showing their new model 77A which combines most of the features of the older 736 in a newly designed (Continued on page 90)
solid-state recorder with electronically controlled capstan speed. This model, priced at $499.00, is profiled in this issue.

The three-speed Tandberg Model 64X incorporates a hysteresis-synchronous motor, automatic tape stop, horizontal or vertical mounting capability, and separate record and play amplifiers so as to permit monitoring from the tape during recording. An FM-MX filter permits recording from stereo broadcasts without interference from the pilot signal or any of its harmonics. The 64X is priced at $549.00, either 1/4 or 1/2 track.

TEAC is one of the relative newcomers to the U.S. hi-fi market, but their line of recorders is familiar to servicemen from their purchases in the Orient. Of their long line, they are featuring the A-4010S, two-speed model with three motors—a two-speed hysteresis-synchronous motor for capstan drive, and eddy-current motors for reel drive.

The machine has automatic reverse for as much as four hours of continuous music from a single reel of tape, is entirely solid-state, and uses a 100-kHz bias. It incorporates separate line and mic input controls for mixing while recording, and easily readable VU meters. The machine is priced at $469.30.

The new Viking 433 recorder employs three motors, three heads, and an 8-position master switch which lets you select mono, stereo, record, playback, and sound-on-sound modes. You can also monitor from tape while recording, thus enabling comparison with the source material. Operating at three speeds, the 433 can be mounted horizontally or vertically. The price, $389.92, with wood base; $20.00 less without the base; remote pause control is available for $25.00.

Speaker Systems

There's more churning going on in the “speaker system” product category than among any other component group. At the show, for example, will be new speaker system models, previously introduced models, models atop models from manufacturers who are giants in the speaker business, one or two models each from many companies who are spinning off speakers from other product lines, and so on.

For sure, there will be over 100 speaker system models paraded by manufacturers. All of them will not be “working” models, of course, but you can bet that a substantial percentage of them will be pushing air at some moment. And don’t forget about the non-speaker manufacturers who use speaker systems to demonstrate their products. They have cartridges, record players, etc. Accordingly, you may be sure that a library atmosphere will not prevail at the show.

Acoustic Research promises to reveal its new AR-5 speaker system for the first time. The bookshelf speaker will feature a new 10” woofer (first since 1956), plus essentially the same mid- and high-frequency elements as in the AR-3a. Thus, it appears that the speaker system will fall somewhere between the AR3a and the AR-3a in performance. Price is expected to be $175.00, going down to $150.00 for an unfinished cabinet version. After Lansing will introduce a wide assortment of new speaker systems. These will include four new furniture commode speaker systems that are designed to serve double duty as end tables or occasional pieces. Two are constructed of Mediterranean oak with decorative grillwork (one is a square-shaped commode, the other hexagonal). A matching two-section and three-section equipment cabinet will also be available separately. The two other commodes follow the same concept, except that they feature a contemporary, oiled-walnut design. Both styles use the Altec 601C 12”, coaxial speaker that includes a two-section dividing network. Also to be entered by After at the show will be more conventional-looking speaker systems, including a bookshelf-sized two-way speaker system, the “Corina” Model...
which, at the show, will lead with the extremely compact "Maxim" speaker system. The 10 1/2" x 7 1/4" x 5 1/2" system, priced at $59.95, features a 4" woofer and a 3 1/2" tweeter. *Empire* will focus on its marble-topped Model 7000M, a $209.95 three-way system that features a 12-in., high-compliance woofer, a 4" direct radiator for mid-range, and a domed tweeter. The latter two speakers are coupled to wide-angle acoustic lenses. There's a three-position treble control switch, while a "Dynamic Reflex Stop System" permits adjustment of bass-frequency response. Overall dimensions are: diameter, 19"; height, 26 1/2". The system is also available with a hand-rubbed walnut top as Model 7000. *Fisher* will star its XP-15B Console, a three-way speaker system with an 18" bass speaker, 8" mid-range speaker, 1 1/2" soft-dome treble speaker. The $269.95 system measures 27" x 27" x 14 3/4" deep. *Harley's* $739.00 Model V-3 Concertmaster features a 24" woofer, 10" mid-range, and a 1" ceramic dome tweeter. *JVC* will introduce its Model 7000, a $990.00 four-way speaker system. *Kenwood* will also be demonstrating, using 18" woofers. *Harman-Kardon* will introduce its new HKX5 "Omni-directional" speaker systems (see "compact music systems"), which face speakers upward rather than toward the listener. They are expected to sell for $100.00. *Jensen Manufacturing* plans to bow with three new bookshelf speaker systems, featuring the TF38B, a 4-speaker, 3-way system at $122.00. A two-speaker system, the TF26 ($89.50), and Jensen's Mini-Mite (two-speaker system) will be introduced, in addition to showings of its other bookshelf and console systems. A modestly-sized bookshelf speaker system, the L75 "Minuet," will be in the limelight at JBL's exhibit. The system has a full-range 10" loudspeaker and a matching passive radiator (to enhance bass response). Priced at $108.00. *KLH* will undoubtedly show its line of acoustic-suspension systems. *Marantz* joins a long list of companies that have added speaker systems to its line of other components. The company will introduce its two "Imperial Speaker Systems," differing only in enclosure styles. The Imperial II has a walnut cabinet with hand-rubbed French lacquer finish; the Imperial II features a distressed antique finish. Prices are $290 and $369, respectively. The floor-standing systems are three-way designs with five speakers headed by a 12-in. woofer which crosses over at 700 Hz to a pair of mid-range drivers, crossing again at 1000 Hz to two high-frequency units.*JVC* Nivo, an old-timer in the electronic home entertainment field, but a newcomer to the component field here, will show its innovative non-directional speaker system, the round-ball-styled Model 5303. It can hang from the ceiling by a link chain or perch on a pedestal. Four woofers and four horn-type tweeters are used in a hermetically-sealed metal enclosure, with a crossover at 5000 Hz. Lists for $199.95. *Recliner* will feature its $729.00 Model III 4-way speaker system. *H. H. Scott* will show, among other speaker systems, its Model S-15. The 3-speaker system, which employs an air suspension-type enclosure, is priced at $199.95. Measurements: 25 1/4" x 11 1/2" x 9" deep. *Sony* Corp. of America will exhibit a line of bookshelf and console speaker systems. The line includes the $225.50 Model 3100, a relatively compact system with three speakers, including a 12" woofer. This is a high-efficiency type system, using a bass reflex enclosure design. *Pioneer* plans to debut its CS-5 2-way bookshelf speaker system, at $295.00 air-suspension type, along with other speaker systems.*Tannoy* $440.00, rear-horn-loaded Model "GRF Windsor" floor-standing speaker system features the company's 15" concentric loudspeaker. The 41 1/2" H x 18 1/2" D x 25 1/4" W enclosure is said to provide effective horn loading down to 25 Hz. Efficiency is 8%, which is quite high. *Utah* will show its line of speaker systems, which includes furniture-styled floor-standing units.*The Wharfdale Model W60D from British Industries utilizes a new "super" tweeter for 1968-1969. The three-speaker system's new tweeter has an added "diffuser" to further enhance the upper treble range's response and dispersion. In addition to the new tweeter, the system contains a 12 1/2" woofer with a 9 1/4 lb. magnet assembly, and an acoustically isolated 5" midrange speaker. The sand-filled (to make the cabinet inert), oiled-walnut cabinet features a removable front grille to make decorative changes. Used as a bookshelf speaker or a small console, when fitted with matching legs, the W60D Achromatic speaker system is priced at $147.00.*Yamaha* will debut its compact system, with elliptical speakers, at the New York show. In addition to the foregoing companies, all of which employ moving-coil speakers, three companies at the show are expected to display electrostatic speakers: Koss its Acoustich X, KLH its Model Nine, JansZen its combination electrostatic tweeter and moving-coil wofer. Also expected to show some speaker system models are Bogen, IMP (acoustic lathings systems), Sunaur, Sherwood, Tongdberg, TEAC, and Viking (combination speaker/amplifier), among others.

**Systems, Headphones, etc.**

The popular compact music systems will be very much at the center of things. For example, Benjamin Electronic Sound Corp. is featuring its Model 1020 "International Portable," which consists of a Magnaport 600D automatic turntable, a 32-watt stereo amplifier, and a pair of small, two-way EMIs. This model, the lowest priced in the line, is combined in a luggage-type case, and retails for $229.50. A similar compact with an FM stereo tuner is priced at $295.00. *Fisher* will show the Model 125 AM/FM Stereo phono...
graph music center. Using a BSR turntable and a 20 watt/channel amplifier, this system is compact, with two matching speakers in walnut-finished cabinets. Retails at $329.95. A similar unit, Model 120, is FM-stereo only, at $299.95.

Harman-Kardon's SC-2360 is an AM/FM stereo compact with a pair of newly designed omnidirectional speakers, the latter, model HK-50, being available separately for $100.00. These enclosures are finished on four sides so they may be used anywhere in the room. This model, with speakers, is priced at $440.00.

As its entry in the compact sweepstakes, Nibico combines an AM/FM-stereo receiver (10 watts/channel) with an 8-track stereo cartridge player and a pair of matching speakers. Price, $179.95.

Pioneer's Model IS-31 incorporates a semi-automatic turntable with an AM/FM-stereo tuner and a preamplifier which may be used with a basic power amplifier and a pair of speakers, or with Pioneer's IS-80 amplifier/speakers. The IS-31 music programmer is priced at $395.00, and includes a plastic cover slip-hinged to the unit's case.

H. H. Scott's new "Scottie" AM/FM-stereo system is ideal for the boating or camping enthusiast who often wants to take his music along. The unit operates from either 117-V. a.c. or from a 12-V. battery, and is equipped with specially designed speakers to complement the system. It is priced at $199.95, and is available in either walnut or teak finishes.

There will be a plenitude of stereo headphones at the show. David Clark Company is introducing its new Clark/300 stereo headset ($19.95). The transducers are permanent magnetic, and claim a frequency range of 20 to 17,000 Hz. They have a nominal impedance of 8 ohms, and a maximum input of 1 watt per phone.

Koss is first with an electrostatic model, ESP-6, which is complete with a fitted portable carrying case and an individually measured response curve. The diaphragms are self-energized, and it is claimed that the headset provides a frequency response not obtainable by conventional dynamic phones. Price, $95.00.

Superex' ST-PRO B headphones utilize the two-way principle, with a dynamic woofer and a ceramic tweeter to provide a wide-range response. This model is priced at $50.00, and may be had in a variety of impedances—500, 2000, 15,000, and 15,000 ohms—at an additional cost of $5.00. They will also show their Model ST-C—a single-element system priced at $19.95, or in high impedance (10,000 ohms) at $24.95.

Telex will show the Encore stereophones at the modest price of $9.95. These phones have a range of 50 to 18,000 Hz, and are light in weight. The housings are of Cycloc plastic, and they are equipped with removable foam-filled vinyl cushions and an 8-ft. cord.

Elpa Marketing is showing its wide range of record and tape accessories, which includes the manual model of Cecil Watts' Parastat, $15.00, and its related Preener ($3.50), both designed to remove dust, grit, and residue from record grooves, as well as the original "Dust Bug," which removes dust and static as the record plays. Among the tape accessories are the EDITall tape editing and splicing system which includes the EDITall splicing block, splicing tabs, a demagnetized razor blade, and an instruction book. The complete kit is priced at $3.50, and EDITtabs are available separately at $1.50 for 50 tabs.

The EICO "Corrino" 3440 solid-state color organ is an item which will attract many a viewer. It employs three bands, each of which may be at the user's choice of colors, and the coloration is completely controllable, while intensity of illumination is a function of the signal strength in each channel. Furnished in kit form for 3-hour construction at $44.95, or factory-wired at $79.95.

The Taunay "Sound-X-Pander" consoles are designed to accommodate a receiver and a phone turntable, as well as a number of records, and in addition, a pair of speaker enclosures can be accommodated in a way which permits them to be directed so as to converge or expand the sound. These cabinets are made of selected oak, and are available in Classic, Spanish Mediterranean, or Italian-Provincial styles. The model shown is priced at $799.00.