

HEATHKIT[®] 1969

22nd year of kit leadership

Over 300 electronic kits—
world's largest selection



stereo/hi-fi



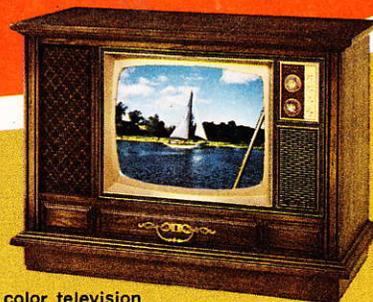
electronic organs



music instrument amplifiers



portables



color television



citizen's band



model radio control

photographic



marine electronics



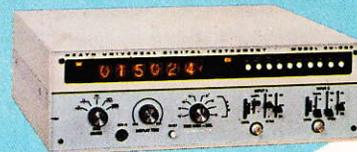
test instruments



shortwave



amateur radio

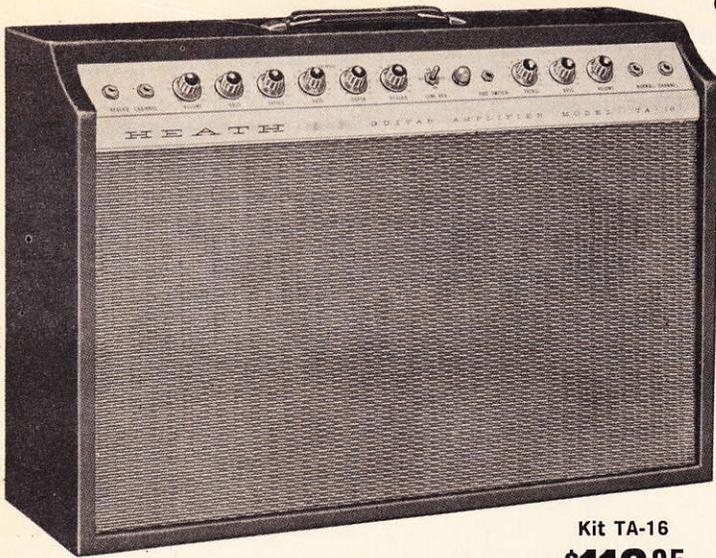


laboratory instrumentation

Catalog 810/69R

Copyright 1968 Heath Company

"Starmaker" Amplifier



Kit TA-16
\$119.95
 \$11 mo.

Popular Heathkit Dual-Channel Solid-State 60 Watt Peak Power Amplifier

- 25 watts EIA music power, 60 watts peak power—maximum power from Fail-Safe Complementary Transistor Output Circuit • Two channels—one normal for accompaniment, microphone, etc.—the other for special effects, lead and solo guitars, has reverb and tremelo • 2 inputs each channel • Variable Reverb uses Hammond double spring delay unit • Specially designed LDR Tremelo circuit is variable in both speed and depth • Line bypass reversing switch for hum reduction • 2 special design 12" heavy-duty ceramic magnet speakers • Two foot switches in heavy die cast housing for hands-free control of tremelo and reverb • One simple to build circuit board with 13 transistors and 6 diodes • Heavy-duty power transformer—120 v. or 240 v. AC 50,60 Hz • Leather-textured black vinyl covered cabinet of 3/4" stock . . . measures 28" W x 9" D x 19 3/4" H • Black and white patterned grille cloth • Extruded aluminum front panel with black nomenclature and chrome-plated knobs with black inserts

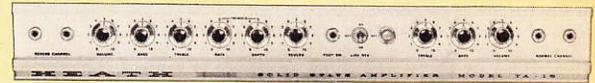
ALL THE FEATURES GUITARISTS WANT MOST IN AN AMPLIFIER, at less than half the usual cost. Delivers the coolest 25 watts of EIA music power or 60 watts of peak power you've ever heard . . . with a pure, robust sound that bring out the natural tone of your instrument. And since it's all solid-state, there are no tubes to deteriorate or wear out—you get peak performance at all times.

BUT DON'T TAKE OUR WORD FOR IT. Read what TA-16 owners say about this superb amplifier. Mr. Ted Deel, Marengo, Ohio:

One Easy-To-Build Circuit Board . . . 13 transistors, and 6 diodes for cool, instant operation; high stability.

Two 12" Heavy-Duty Speakers with 10-ounce magnets handle 60 watts peak power.

Two Foot Switches in heavy die-cast base for hand-free control of tremelo and reverb.



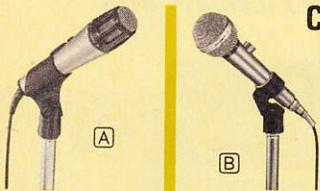
" . . . have used it on several occasions as I play in a combo. I feel that the amp is comparable to some of the \$350-\$400 outfits I have tried out." Mr. C. J. Silveira, Concord, Calif.: "It performs as well as one which I purchased for my son at a cost of over \$300, and his does not have a reverb unit. Everything about the TA-16 from cabinet to output is much more than I expected at such a low price." Mr. H. A. Murray, White Plains, N.Y.: ". . . has all the features a guitarist can ask for and contains high quality components."

TWO CHANNELS FOR COMPLETE VERSATILITY. A normal channel for accompaniment, accordion, singer's microphone (not recommended for bass guitars) . . . the other channel has both variable reverb and tremelo for lead and solo guitars. The specially designed LDR tremelo circuit is variable in both speed and depth so you can create a variety of musical effects. Each channel has two inputs, plus separate volume, bass and treble controls. And a line bypass reversing switch reduces hum.

PREASSEMBLED CABINET . . . CHROME-PLATED KNOBS. The leather-textured black vinyl-covered cabinet is made of 3/4" stock with a black & white patterned grille cloth . . . measures 28" W x 9" D x 19 3/4" H. And the extruded aluminum front panel has chrome-plated knobs. Easy to build—just wire one circuit board, chassis mount a few parts, then install the speakers, reverb unit and controls . . . about 8-10 hours and you'll have the best value around in a solid-state amp. Order yours now.

Kit TA-16, 52 lbs. (REA or Motor Freight), no money dn., \$11 mo. **\$119.95**

Choose These Famous Name Accessories For Extra Performance And Value



(A) Shure Model 515SAC Unidirectional

The greatest value going in the microphone marketplace. Particularly suited for small combos and singers and ideal for use in clubs, theatres, auditoriums. Features high impedance input, wide 80 to 13,000 Hz response, on-off switch with lock. Comes with 15' non-detachable cable, swivel adapter and phono plug adapter. Satin chrome finish.

GDP-278, 5 lbs. \$24.70

(B) Shure Model 585SAVC Unidirectional Unisphere

Ideal for use either indoors, or out, or anyplace where omnidirectional mikes won't operate properly due to poor acoustics or wind. Features a unique volume control right on the body of the microphone—no need to walk back to the amplifier. Includes a built-in wire mesh screen to eliminate wind & "pop". High impedance. 15' detachable cable, swivel adapter & phono plug adapter included.

GDP-288, 5 lbs. \$43.81

(C) AKG Model D-707TS Dynamic Microphone

A remarkable microphone value. Suitable for virtually any application. An amazing frequency response of 50-15 kHz ±3.5 dB. Strong anti-feedback characteristics; capable of handling high sound pressure levels without overloading or distortion. Features 15' cable assembly with on-off switch built into mike connector, and 200 ohm to Hi Z transformer built into phono plug. Complete with stand adapter & case.

GDP-268, 5 lbs. \$49.50

(D) Atlas Model MS-10C Floor Stand

Full features at a low price. 2-section chrome tube adjusts from 35" to 63" . . . interlined with bakelite to prevent jamming or sudden dropping. Long clutch can be gripped by entire hand, not just fingers. 10" gray base. Self-leveling shock-absorbing pads. 5/8"-27 thread.

GDP-106, 11 lbs. \$6.32

NEW! Atlas Porto—Stand . . . A Portable Boom In A Bag

Now, mike stand transportation and set-up problems are solved, with the new "Baby Boom"—the world's first all-in-one microphone floor stand, boom, cable hanger and 2 lock-on attachments . . . in a carrying case. Snaps together in seconds—disassembles in seconds—transports in its own carrying case . . . even has a pocket for the mike. Order yours now, and put your stand problems "in the bag".

GDP-49, 20 lbs., no money dn., \$5 mo. \$28.10



GDP-49
\$28.10

Open Your Heath Account—No Money Down—Up To 18 Months To Pay—See Order Blank For Details

The Solid Sound Of Solid-State



Kit TA-27
\$79⁹⁵
 \$8 mo.

Low Cost Single-Channel Guitar Amplifier . . .

Features 20 Watts of EIA Power, 40 Watts Peak . . .

Variable Reverb & Tremolo

• 20 watts of EIA power, 40 watts peak • Variable tremolo • Variable reverb with Hammond double spring delay unit • Single channel with two inputs handles lead & solo guitars, singer's microphone • Special design heavy-duty 12" speaker • Two foot switches in heavy die-cast metal housing for hands-free control of tremolo and reverb • Line bypass reversing switch reduces hum • Simple circuit board construction • 11 transistor, 6 diode circuit with "Fail-Safe" complementary transistor output • Heavy-duty transformer operated power supply with circuit breaker protection for 120/240 v. AC 50-60 Hz • Leather textured, black vinyl covered wood cabinet • Extruded aluminum front panel with chrome-plated knobs

Ideal For Beginning Guitarists, Yet Has Professional Features that give you top performance as your playing becomes more proficient. Start with its solid-state circuit. Runs cool and collected for a lifetime of trouble-free performance—no tubes to deteriorate. Comes on instantly—no waiting for warm-up. Delivers 20 watts EIA music power thru a 12" speaker for a solid robust sound. There are two inputs for lead guitars, accompaniment or singer's microphone. The special LDR tremolo circuit is adjustable in both rate and depth—lets you create a wide variety of effects. Also has variable reverb with a famous Hammond double spring delay unit. There's even a die-cast foot switch for hands-free control of both tremolo and reverb. And a line bypass reversing switch minimizes hum.

Complete Controls . . . all on the extruded aluminum front panel so they're easy to get at. Includes separate volume, bass and treble controls . . . tremolo rate and depth . . . reverb . . . on-off line reversing switch . . . panel light . . . foot switch jack . . . and both inputs. You'll have full command of all the action. The chrome-plated knobs have black insets. And the cabinet is pre-assembled of 1/2" stock, covered with leather-textured black vinyl and black & white patterned grille cloth. Together they present a rich, modern appearance. Also features an easy-grip carrying handle. Measures a compact 19 3/4" W x 9" D x 21" H.

Easy Assembly. The TA-27 is the ideal kit for the guitarist who wants to save money without sacrificing his sound. It goes together easily, enjoyably in just 8-10 hours, thanks to the famous Heathkit manual with its giant fold-out pictorials and clear, plain language. Just one simple circuit board to wire, a few parts to mount on the chassis, and the speaker, controls and switches to install—that's all there is to it. When you finish, you'll have one of the best values going in guitar amplifiers . . . the Heathkit TA-27.

Kit TA-27, 40 lbs., no money dn., \$8 mo. **\$79.95**



Two Foot Switches housed in heavy die-cast metal base for hands-free control of tremolo and reverb.

12" Special Design Speaker with heavy-duty 10 oz. ceramic magnet projects maximum power output.

Solid-State Circuitry for cool, instant operation and long life. Just one simple circuit board to build—11 transistors, 6 diodes.



TG-26
 Was \$88.50
NOW ONLY \$60⁰⁰

Harmony "Silhouette" H17 . . . Now Save \$28.50!

• Modified single cutaway—"free form" profile • Ultra-slim ebonized fingerboard with 24 1/4" scale • Ultra-slim neck—adjustable steel rod reinforced • 2 pickups with individual adjustable pole-pieces • 3-position switch • 2 volume & 2 tone controls • Harmony type "W" vibrato tailpiece • Hardwood solid body—12 3/4" x 36 3/4" x 1 1/2" thick—factory buffed & polished, gleaming cherry red

Kit TG-26, 13 lbs., REA or motor freight, parcel post to RFD and APO only . . . no money dn., \$6 mo. . . . Was \$88.50. **Now Only \$60.00**

New Heathkit TA-28 "Fuzz" Booster . . . Adds Unique Sound At Low Cost

Kit TA-28
\$17⁹⁵

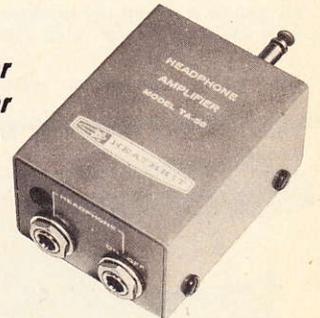


The "Mod" Sound For Any Guitar Amplifier. Just plug this new unit between your guitar and your amplifier and you've got that "fuzz" sound. Built into a footswitch housing, this new "Fuzz" Booster is an all-transistor circuit powered by its own internal battery. Push the switch to add the "fuzz," push it again to play it straight. Two controls permit you to add the degree of "fuzz" you wish and to alter the character or tone as you like it. The circuit uses a 1.5 v. AA battery (not included) and since so little current is required, the battery lasts a long time . . . the circuit is turned on and off automatically as the guitar cord is connected or disconnected. The die-cast metal housing will withstand years of use and has a hinged base plate for battery replacement. Build it in one evening and increase the versatility of your music system.

Kit TA-28, 4 lbs. **\$17.95**

New Heathkit Guitar Headphone Amplifier For Private Practice and Instruction

Kit TA-58
\$9⁹⁵



Practice your guitar playing in private . . . only you can hear when you use this handy little unit. Or use two pairs of headphones so just you and your teacher can hear your playing. The all-transistor circuit is powered by a miniature 9 v. battery (not included) which will last up to 60 hours. This compact amplifier plugs directly into your guitar and will drive one or two pairs of stereo or monophonic headphones. Tone and volume may be varied by your guitar controls. The amplifier automatically turns on as you plug it into your guitar. Build it in one evening.

Kit TA-58, 2 lbs. **\$9.95**

Open Your Heath Account—No Money Down—Up To 18 Months To Pay—See Order Blank For Details

Heathkit® Scene-Shaking Equipment...

Deluxe Solid-State Combo Amplifier & Matching 2-Way Speaker Systems



Kit TA-17
\$175⁰⁰
\$17 mo.

120 Watt Solid-State Combo Amplifier With All The "Big Sound" Features Every Combo Wants

- Delivers 120 watts of EIA music power (240 watts peak power) into two TA-17-1 speakers (or other 4 ohm load), 90 watts into one TA-17-1 speaker (or other 8 ohm load) • Will drive any 4 to 16 ohm speaker combination
- Cool all-silicon transistor circuitry • Built-in switchable Harmonic Modifier ("fuzz") • Brightness switch for that brassy sound • Separate bass and treble boost • Tremolo variable in rate and depth • Dual spring-type variable reverb • Dual foot-switch for on-off control of tremolo and reverb
- Independent 2 input guitar channel • Independent 2 input channel with special tone control for bass guitars, combo organs • Independent 2 input channel with bass & treble tone controls for microphones or phonographs
- Special "test-as-you-build" feature to prevent damage to components
- "Piggyback" design with carrying handles for stacking and portability
- Black vinyl-covered compressed-wood cabinet • Circuit breaker protection

More Than Enough "Charged-Up" Sound For Any Scene any combo group makes. More than enough to disconnect a discotheque, gyrate a gym... even fill a parking lot. Delivers a whopping 120 watts through two Heathkit TA-17-1 two-way speaker systems. Or 90 watts through one TA-17-1. Runs at maximum power without danger of input overload thanks to special volume control circuits in the guitar and bass channels. And it's versatile. You can play solo guitar through it. Or a bass guitar, combo organ, accordion, singer's mike... even a record changer or turntable.

"Piggyback" Design... stacks neatly, securely with the matching TA-17-1 speaker system... has two carrying handles for easy moving and set-up. Cabinet is made of black vinyl-covered compressed wood... measures 25 $\frac{7}{8}$ " W x 14 $\frac{1}{2}$ " D x 6 $\frac{3}{4}$ " H. There's even a special "test as you build" feature so you can check out the circuit before applying full power... prevents damaging components. Operates from 120 or 240 volts AC 50-60 Hz, 33 watts idling, 230 watts at full output. 12' power line cord.

Buy In Combination With Matching Speakers For Extra Savings. For peak performance, buy the TA-17 along with two TA-17-1 speakers and save even more. Go "pro"... go with the TA-17!

Kit TA-17, 44 lbs...no money dn., \$17 mo.....**\$175.00**

Kit TAS-17-2, amplifier & two TA-17-1 speakers, 276 lbs.
\$40 dn., as low as \$23 mo.....**\$395.00**



Kit TA-17-1
\$120⁰⁰
\$12 mo.

Matching 2-Way Speaker System . . .

Buy A Pair With Combo Amplifier For Extra Savings

- Two specially-designed 12" woofers • Special horn driver for greater brilliance • Black vinyl-covered compressed wood cabinet with metal covered corners, handles and casters

Boasts A Unique Horn Driver Unit to handle the highs with a superb brilliance that can't be matched by systems using woofers only. And the specially-designed 12" woofers, produce a solid low end. Each woofer features a 27 oz. magnet with a fiberglass voice coil, treated cloth suspension system and epoxy cements... will safely handle 90 watts of EIA rated music power. System impedance is 8 ohms. The specially engineered sealed cabinet is solidly constructed of a black vinyl-covered $\frac{3}{4}$ " compressed wood with metal corner protectors. Front is styled with an extruded aluminum frame and midnight blue grille cloth. Has handles and casters so it makes it easy to any scene. Measures 25 $\frac{7}{8}$ " W x 14 $\frac{1}{2}$ " D x 38" H, not including casters & handles. Includes 20' cable.

Easy Assembly... takes only an hour or two—cabinet is preassembled... all you do is mount the speakers, and enjoy big savings. For best performance and even greater value, mate a pair with the Heathkit TA-17 Combo Amplifier.

Kit TA-17-1, one speaker system 16 lbs...no money down,
\$12 mo.**\$120.00**

Note: See TAS-17-2 combo amp price line for special combination savings.

High Power Atlas "Banshee" Speaker-Horn Makes Vocals Heard Above Instrument Sounds

If your singing can't be heard, put these new "Banshee" horns to work in your group. Designed especially for voice, these new units boost the sound of your singers above that of your instruments. Each "Banshee" will handle up to 125 watts of peak music power and the 16 ohm impedance allows use of one unit or two with any PA or instrument amplifier. Mounted on stands in front of your group, these horns will operate at much higher levels of sound with less feedback than ordinary speakers. Handsomely styled in durable, mar-proof molded fiberglass in rich charcoal and red, the "Banshee" is easily portable and suitable for indoor or outdoor use. Connections are easy with standard guitar type phone plugs and cables. The heavy duty tripod will support up to seven hundred pounds, extends from 5 to 10 feet with double lock for safety, and includes an "easy-off" adapter for mounting the horn. (Not a kit.)

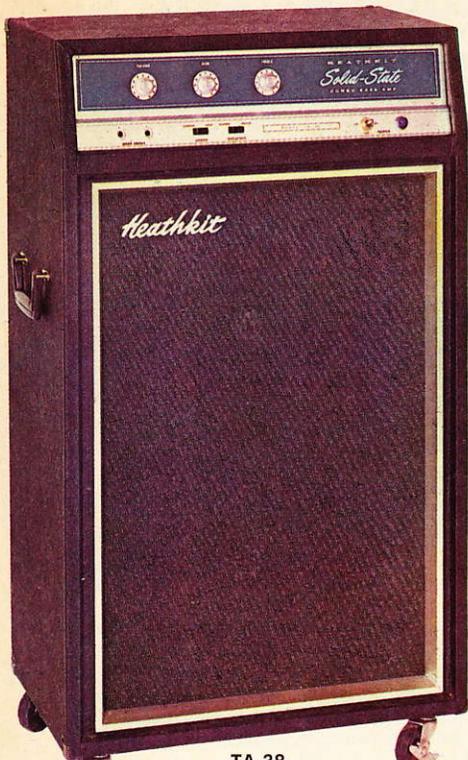
Model TDP-18, speaker-horn, 21 lbs., no money dn., \$8 mo.....**\$71.15**

Model TDP-28, tripod, 29 lbs., no money dn., \$5 mo.....**\$28.22**



Open Your Heath Account—No Money Down—Up To 18 Months To Pay—See Order Blank For Details

To Move Your Sound Out In Front



NEW! Solid-State Bass Guitar Amplifier . . . 120 Watts Music Power . . . Wide Range Controls . . . Heavy-Duty Speakers . . . Low Cost

- All solid-state circuitry • 120 watts EIA music power output—240 watts peak power output
- Extremely low IM and Harmonic Distortion • Full range Bass and Treble controls • Depth and Presence controls for a wide range of musical effects • Two 12" special design speakers with giant 3 pound 6 ounce magnets • Sealed sound chamber • Circuit-breaker protection
- Line Reverse Switch for minimum hum • All front mounted controls and inputs • Handsome, rugged cabinet with built-in handles and ball-bearing casters for easy moving • Handy storage compartment with snap-off cover • 120 or 240 VAC operation

Solid-State Reliability. The 11 transistor, 11 diode circuit runs cool, so you don't lose yours. No tubes to fail or give feedback while you're on the stand. And it puts out plenty of hard, crisp rock and roll bass sound no matter where the gig, indoors or out. The TA-38 runs a husky 120 watts EIA music power and you can run 100 watts continuous, hour after hour. Walk your bass, ride it hard, play it flat out—this one can handle everything you can give it, everything you need to back your action.

Full Range Control Of All The Action. The Bass, Treble, Volume, Depth, Presence, Power On/Off and Line Reverse controls are all mounted right on the front panel . . . when you need them in a hurry, they're right there. The extremely wide range of the Bass & Treble controls, coupled with the Depth & Presence switches enable you to create a great variety of tonal effects. Extremely low distortion, hum, and noise mean clearer, crisper sound at high volume levels.

An Unequaled Sound System. The sound is what counts, and the TA-38 speakers really put out. Two high efficiency, special design 12" speakers in a completely sealed and isolated 3/4" pressed wood cabinet boast an incredible 6 3/4 pounds of magnet between them—54 ounces each. The cabinet has been designed to heavily damp extreme instantaneous cone movement and the speakers have been especially tailored to cover the fundamental and harmonic frequencies delivered by bass guitars. The result is a bass sound that you couldn't find in another system anywhere near this price.

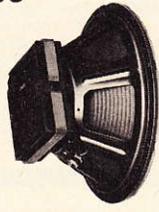
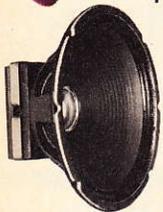
A Versatile Performer. The two front panel inputs allow virtually any bass instrument to be plugged in . . . electric and amplified string basses, the bass outputs of electronic and combo organs, even amplified brass & reed instruments like bassoons, bass trombones, etc. Single unit construction means one less package to move around and the built-in handles and locking ball-bearing casters give you easy moving and fast set up. The black vinyl covering and handsome anodized aluminum trim makes the compact 41 1/8" H x 24 1/2" W x 14 1/2" D cabinet stand out.

Easy To Build. Just wire one simple circuit board power supply, controls and mount the speakers . . . goes together in just 12-15 hours. Plug in, turn on and have everyone stand back! You've just built the wildest bass amp available anywhere. Order yours now and make the other groups wonder why you have all the sound, and they spent all the money.

Kit TA-38, 130 lbs., no money dn., \$22 mo. \$225.00

TA-38
\$225.00

\$22 mo.



The two 12" heavy duty aluminum dome speakers are designed to handle the full bass frequency range at high power levels without overloading.

Each 12" speaker has a giant 3 pound 6 ounce magnet for greater sound output, for low distortion response and crisp, natural sound.

Now . . .
Only \$499.00 for both
The New TA-38 Bass Amp
And Unique Vox "Jaguar"
A Saving of \$25.00
And An Unbeatable
Sound Combination



Here's a combination that will produce the most mind bending, soul grabbing sound around . . . the remarkable new Heathkit TA-38 Bass Amplifier reproducing the fantastic sounds of the Heathkit/Vox "Jaguar" Combo Organ. Both of these professional instruments can be yours at a saving of \$25.00 when you order the TOS-3 System. Order your system now and put your sound out in front of the crowd.

TOS-3 System, 266 lbs., \$50 dn., as low as \$30 mo. . . . \$499.00

The Heathkit/Vox "Jaguar" Combo Organ Now Costs Less Than Ever!

- All solid-state circuit . . . 91 transistors & 14 diodes for cool, instant operation, long trouble-free life • All genuine VOX factory-made parts • Separate bass output gives brilliant "stereo" bass effect • Four octave keyboard with 49 keys, range C₂ to C₆ • Flute, brass, bright and mellow tabs at 16', 8' & 4' pitch to create a variety of musical moods and effects • Vibrato and Bass Chord tabs • Reversible bass keys for full keyboard range or to play independent bass notes • "Walking" bass provides octave lower to C₁ • Special Contour control lets you change tone of any or all voices • Bass volume control • Foot-operated expression pedal • Heavy chrome-plated stand and waterproof carrying case • Built in 35 hours with circuit board construction . . . factory assembled keyboard

Save Up To \$200 On This Famous VOX "Jaguar" Combo Organ. Favorite of top combos the world over, famous for its unique sound, and you can add this professional organ to your group at up to \$200 savings by building it yourself.

Building It Is Easy. All parts are genuine VOX factory-fabricated. Most parts mount on circuit boards for fast, easy assembly. Wiring harness makes interconnections simple. You'll finish in about 35 hours . . . and you'll save up to \$200 of the regular price! The Heathkit/Vox "Jaguar" combo organ comes with all parts, expression pedal, factory assembled keyboard, assembled organ case with waterproof cover, plus assembled carrying case for the chrome plated stand.

Kit TO-68, 91 lbs. . . no money dn., \$28 mo. \$299.00



Kit TO-68
\$299.00
\$28 mo.

Use Heath's Free Technical Consultant Service—Write Them On Any Kit Subject