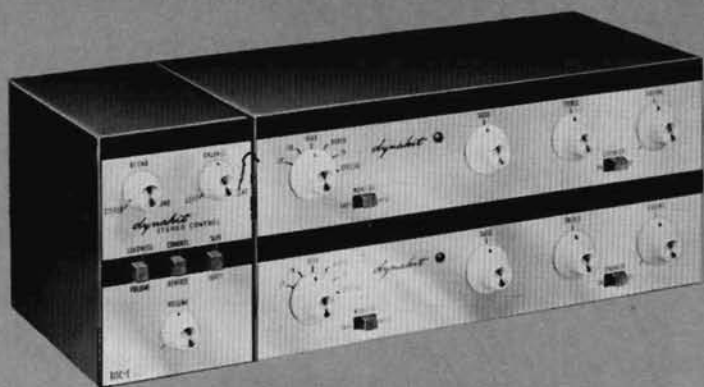


dynakit stereo control kit



The **DYNAKIT** DSC-1 adds complete plug-in stereo control flexibility to two **DYNAKIT** preamplifiers without wiring changes. The DSC-1 can also be used with other equipment if such control units provide sufficient flexibility—or as a control center minus tone controls between two high-level stereo sources such as a tape recorder and radio tuner, and dual power amplifiers. The DSC-1 facilitates stepping up to stereo at any time with minimum cost.

Easily assembled in one hour, the DSC-1 includes all connecting cables and complete instructions for coupling to any stereo system. Exclusive **DYNACO** circuitry permits inclusion without loss of gain and with no noise or distortion. The DSC-1 in combination with two **DYNAKIT** preamplifiers is an attractive integrated unit. A panel-mount escutcheon—SPM-2—will soon be available.

The DSC-1 incorporates the following controls:

Volume control consists of a dual control to adjust the level of each stereo channel simultaneously.

Balance control corrects for differences in signal levels between channels.

Blend control provides the exclusive feature of blending the channels in controllable proportion to fill in the "hole in the middle" as well as to introduce monaural signals through both loudspeakers. Thus any input can be fed through both amplifiers and speakers with balance and level controls operative on both channels.

Channel reversing is available without unbalancing signal levels through the amplifiers and speakers.

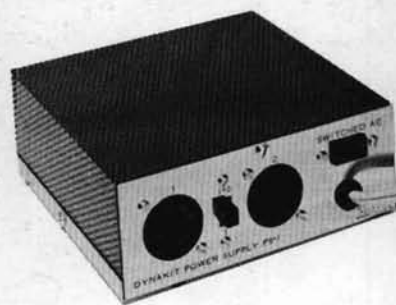
Loudness compensation is added to the volume control by flipping a front panel switch.

Stereo tape monitor facility and constant level tape output provide maximum convenience when stereo recording from discs or off the air.

The DSC-1 connects to the associated preamplifier through the tape monitor input and the tape output with the cable supplied. The DSC-1 measures 3 $\frac{3}{4}$ " x 6" in panel area, and is 6" deep. Shipping weight is 2 $\frac{1}{2}$ lbs. Choice of bone white or charcoal brown vinyl textured finish to match **DYNAKIT** preamplifiers. Net price \$12.95.



dynakit dual power supply kit



The PS-1 power supply permits the operation of either a single **DYNAKIT** preamplifier, or a pair in stereophonic use. Readily assembled in one hour, this compact, handsome unit is conservatively operated, and provides well filtered voltages plus two independent heater windings for individual hum adjustment. An external switch provides the same voltages whether one or two preamps are being used. Other unpowered preamplifiers beside **DYNAKITS** can also be used with the PS-1.

SPECIFICATIONS

Voltage output: 350 vdc for each preamp at combined drain up to 15 ma

6.3 v for each preamp at combined drain up to 1.75 amp

Tube Complement: 6X4/EZ90

Finish: Bright nickel chassis. Charcoal brown vinyl paint perforated cover.

Size: 5" x 5" x 2"
shipping weight 2 $\frac{1}{2}$ lbs

Price: \$8.95 net

EXPORT DIVISION
25 Warren Street
New York 7, N. Y.

Cable address: Simonrice, New York

All prices slightly higher in the West

PREAMPLIFIERS

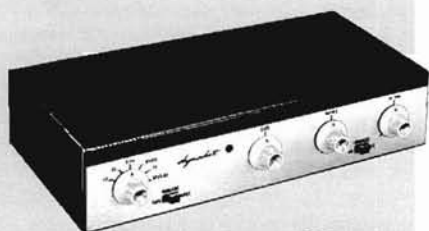
assembled

| | | |
|----------|---------------|----------|
| PAM-1/A | Mono preamp | \$ 62.95 |
| PAS-2X/A | Stereo preamp | 104.95 |
| PAS-3X/A | Stereo preamp | 114.95 |

in kit form

| | | |
|--------|---------------|-------|
| PAM-1 | Mono preamp | 36.70 |
| PAS-2X | Stereo preamp | 62.95 |
| PAS-3X | Stereo preamp | 73.45 |

PAM-1



PAS-2X



PAS-3X



- All-feedback design for unmeasurable distortion, low noise, complete freedom from overload, and consistent performance at all settings of the volume control.
- Exclusive Dyna feedback tone controls provide necessary correction at the extremes without altering the natural balance of the midrange. Patent pending "X" control circuitry is electrically deactivated when the knob is in the center "flat" position, yet provides the infinite resolution capability of the continuous control.
- Preassembled etched circuit modules make assembly just a matter of 6 to 8 hours, and assure consistently superior performance.
- Equalization accurately controlled with 1% components. Low noise resistors used in all critical stages.

PAM-1, PAS-2X and PAS-3X: Frequency response ± 0.5 db from 10 cps to 40 KC. Harmonic distortion unmeasurable. IM distortion less than 0.05% at 2 volts output. Tone control range ± 20 db at 20 cps, ± 14 db at 20 KC. 60 db gain (PAM-1 is 54 db) at 1000 cps on RIAA input. 20 db gain 20 to 20,000 cps on high level inputs. Less than 2 microvolt equivalent noise input on RIAA (PAM-1 less than 3 microvolts); less than 1.5 μ v on mike connection; 70 to 74 db below level of 10 millivolt cartridge. Low impedance audio output; tape output ahead of volume and tone controls. Passes square waves without deformation or ringing from 20 cps to 20 KC at any volume control setting. No overshoot or bounce on pulsed signals.

PAM-1: Inputs: low level and high level magnetic cartridge, radio, tape, TV, "special" (optional second phono, tape head, or microphone). RIAA, 78, original LP equalization. Controls: selector and equalization, bass, treble, volume; loudness and tape monitor switches; hum balance. 12AX7 (2), selenium rectifier. Requires 200 to 400 vdc at 4 ma, and 6 vac at .75 amps (from socket on Mark III, Mark IV, Stereo 70, or from Dyna PS-1 power supply kit — \$11.95). Integral DC heater supply. 4 AC outlets. Choice of bone white or charcoal brown baked vinyl coated cover. 12" x 6" x 3". 7 pounds. PM-1 panel mount kit \$2.95.

PAS-2X and PAS-3X: Identical circuitry. Inputs: RIAA phono, NAB tape head, "special" (optional second phono, tape head, or microphone), FM multiplex, FM-AM, tape, spare. Controls: selector, volume, balance, blend, separate bass and treble controls for each channel; tape monitor, loudness, scratch filter and power switches. 12AX7 (4), 12X4, selenium rectifier. Self powered with DC heaters. 30 watts. 4 AC outlets. Panel 13 1/2" x 4 1/4", 8" deep. 11 pounds.

PK-30: Accessory deluxe panel and knob kit with mounting brackets for PAS-2. \$13.95.

UNEQUALLED QUALITY AND RELIABILITY

Dynakits are the finest performing high fidelity components available — they are unmatched by any others regardless of the fact that Dynakits cost substantially less than other quality components. Their superlative performance has been amply demonstrated before thousands of critical listeners in concerts where the "live" music of the Fine Arts Quartet has alternated with the "recorded" reproduction of the same program via Dynakit ampli-

fiers and AR speakers. This is the truest test of audio quality, and the vast majority of listeners were unable to detect any differences.

Dynakit quality stems from unique engineering combined with the very best components in a kit arrangement which makes it easy for the novice constructor to duplicate the performance of factory assembled and tested equipment. Dynakit guarantees that every properly assembled kit will meet all of its specifications.

Heavy duty XXXP and epoxy etched circuit boards cut wiring time by 2/3 and assure correct assembly. Step by step instructions, plus pictorial diagrams and photos.

Functional internal arrangement gives complete accessibility for construction and service.

Heavy gauge plated steel chassis, close tolerance parts, low noise resistors, pretested and matched output tubes, exclusive patented DYNACO output transformers.

Conservative operation and proper consideration of heat dissipation with covers installed.

All Dynakits carry a full one year warranty on all parts with the exception of tubes (standard EIA 90 day warranty on tubes).

Factory assembled units also include a full one year labor warranty.

Factory service and technical assistance are always available.