



ENSEMBLES form a colorful and interesting phase of music training in the school system. At KUHS a French horn quartet is made up by Richard Mollison, Virginia Fredricks, Anita Anderson and Sandra Comstock. Also at KUHS is a clarinet quartet of Jerry Jensen, Tom Trulove, Jean Curry and Gayle Chase.

Stereo Brings Back Headsets

By I. J. KRAMP
AP Newsfeatures

Headset earphones, automatic record cleaners, and stylus pressure gauges are low cost high fidelity items which may help you get more out of your records and preserve them longer. The one-time outlay for any of them helps protect your investment in LP records.

Headphones, as a means of stereo listening, zoomed in popularity after stereo discs arrived two years ago. They afford not only clear separation of sound in two-channel listening, but also an individualized listening method in noisy households, or in thin-walled apartments. They also are useful where you do not want to disturb others with loud-speakers turned up high, or where you have problems with room acoustics or speaker placement.

The maker of the stereophones which were widely used at the New York audio fair says the recent upswing followed dealer use of headphones in demonstrating stereo equipment and records. He predicts they will become a standard stereo component as an optional supplement to speakers. Some amplifier makers have put earphone jacks on their units. One brand of phones (Koss) cost \$25, including an adapter. An \$8 junction box permits switching from speakers to phones and changing the level of the phones.

There are many types of record cleaners, including liquids and cloths and brushes and sponges intended to remove troublesome dust, lint and static from discs. Dust collects as fast as it is removed because the air is

laden with it. Attempts to wipe or brush a record increase the charge of static electricity which is normally present, thereby attracting more dust. One of the best and simplest (the ESL Dust Bug) costs \$5 or \$6, for record changer or turntable use. In-



stalled on the tone arm, the device gently removes dust and lint just before the moment of playing. It reduces surface noise and distortion and dramatically improves the sound of old records. It eliminates static and cleans every part of an LP record about 100 times during a single playing.

Regular checks on the weight of the stylus on a record are important to prevent damaging fragile LP's, especially stereos. Modern cartridges for turntables and changers are designed to exert minimum weight, from zero to 8 or 10 grams. One low cost device used to measure this reg-

ularly is a small, springless balance like a teeter-totter, with counterweights of 2, 3, and 4 grams (Audax Stylus Balance, \$3.50).

A new low cost pressure gauge, of a swiveling, balance type, operates more quickly with a large visual scale, in half-gram divisions. It has an adjusting screw knob and five-gram test weight for checking and correcting its own accuracy. It is recommended for all makes of changers for setting tone arm weight at a predetermined amount (Garrard, \$3).

A comparatively inexpensive first step toward improving many so-called packaged commercial stereo sets using ceramic cartridges may be to install a new stereo preamplifier plus a magnetic cartridge. The result can be an amazing improvement in the sound of records. A small, easily attached preamp will give the extra voltage boost and equalization needed for use of the magnetic cartridge. It can increase the life of records as well as make them sound better (Shure, \$24). One warning: this change can start you improving on the set's speakers, record player, amplifier, or tuner, and you may become a hi-fi hobbyist, spending much more.

LAWYERS' DELIGHT

LONDON (UPI)—As the codicil was read to the Court of Appeal—"to remove any doubt as to the true construction of my will"—Lord Justice interjected:

"All lawyers rejoice when they see those words. They know a feast is coming."

SMOKE EATER IN TROUBLE

SOUTHAMPTON, England (UPI)—Members of the Welsh unit believed they have diagnosed the mysterious illness of Private Gwilym, the unit's goat mascot. They decided today the goat is indisposed because of his habit of eating cigarettes.

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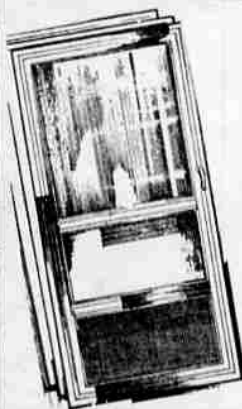
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