

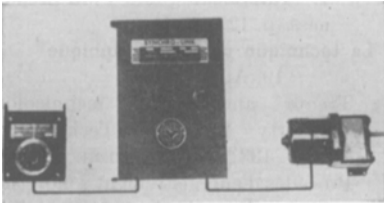
## ~ New Products ~

**F**urther information concerning the material described below can be obtained by writing direct to the manufacturers. As in the case of technical papers, publication of these news items does not constitute endorsement of the manufacturer's statements nor of his products.

### **Synchro-Link, Pulsing Drive, and Dyna-Link**

**Yardeny Laboratories, 105-107 Chambers Street, New York 7, New York,** recently put on the market their Synchro-Link, Pulsing Drive, and Dyna-Link.

The Synchro-Link is an inexpensive remote-positioning servo control, which will position one or several distant motors, according to the setting of the master-control dial. The accuracy is independent of the load.



This equipment works on the principle of a self-balancing electronic bridge, and will control the speed adjustment on variable-speed transmissions, the setting of motorized valves, volume dampers, engine throttles, pumps, machine tools, and special machinery.

The master-control dial can be located any distance from the Synchro-Link controller up to several thousand feet. Only 3 wires of light gauge passing small control currents connect the master control to the Synchro-Link controller.

The Pulsing Drive is a new device for controlling electrical motors when accurate positioning is important. It responds to the operation of a single knob, and when this knob is rotated in one direction, the Pulsing Drive closes selectively one of two circuits for very short periods of time repeated at a rate dependent upon the speed of the knob rotation. It is suited for controlling all standard types of electric motors or magnetic valves.

The Dyna-Link is an electronic control device, designed for industrial applications of variable-speed power transmission. It consists of a master control calibrated in revolutions per minute, the Dyna-Link controller, and a speed-measuring generator. When the operator sets the master control to the desired speed setting, the Dyna-Link controller energizes the pilot motor in the proper direction for adjusting the speed changer until the actual output speed corresponds to the master-control setting. If the drive slows down because of an increase in the load, the Dyna-Link controller automatically detects the difference in speed and corrects the adjustment.

### **Film Counter, Audio Compensator, and Phase Converter**

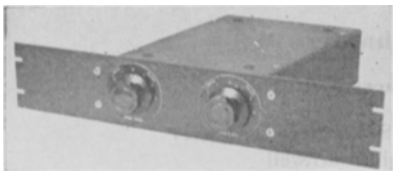
A Film Counter, Audio Compensator, and Phase Converter are three new products which are now being produced by **Arlington Electric Products, 500 W. 25 St., New York, New York.**

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The Film Counter is designed for use in motion picture viewing, dubbing, recording, and narrating, wherever footage and cuing information are desired.

The unit can be located remotely from a projector, recorder, or dubbing head and will read elapsed time in minutes and tenths of a minute and in feet of film that have passed through the film machine. The counter can be wired to start automatically with the projector or dubbing head and can be stopped and started any number of times during a thousand-foot reel.



The Audio Compensator is used where audio equalization is required, and is applicable in film recording, disk recording, and general broadcast-studio

work. Equalization characteristics available consist of three steps each lowering or raising low frequencies and lowering or raising high frequencies. Each channel contains a two-stage resistance-capacitance amplifier employing Type 1620 tubes. Power and audio connections are made through multiple plugs.

The Phase Converter is designed for use where it is necessary to operate cameras or recording machines with three-phase driving motors from a single-phase source of power.

The converter is portable and does not use electronic tubes or rotating machinery. The converter input is 115-volt, 60-cycle, single-phase alternating current, and the output is 220-volt, 60-cycle, three-phase alternating current of sufficient power to run one motor properly. A motor running from this converter will have the electrical characteristics identical to that of commercial three-phase power and will have a speed synchronous to the single-phase line frequency.

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### FORTY YEARS AGO

#### Washington, D. C., Wants Picture Machines Inclosed

Fire Chief Belt has recommended to the Commissioners that moving picture machines used in the five-cent theaters and the regular theaters of the District be inclosed in fire-proof boxes.

—*The Moving Picture World*, May 9, 1908