

THIS YEAR'S RADIO

Majestic



A Review of the Radio Receivers and Equipment that will be available in N.Z. during the Coming Season

sees the introduction of some new, and up-to-date component.

Pilot market two receivers in this country, the Consolette and the Midget. The Consolette is a small set 33in. high, housed in a Queen Anne Cabinet. It is provided with tone and volume controls, the latter operating on the screen-grid valve and tuning knob. Six valves are employed, three 224 type, one 227 type, and one 245 type and, of course, the rectifier. All these are Pilot's own manufacture.

The Midget is only 17in. high, but uses the same chassis and loudspeaker as the Consolette, with all the same features, including tone control.

Gulbransen

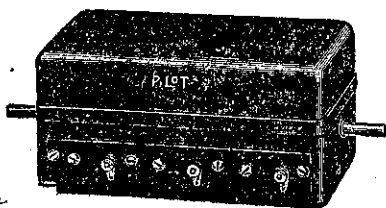


THIS season's Majestics incorporate many features hitherto not generally seen in New Zealand. The introduction of automatic volume control minimises fading and keeps volume at a constant level, while a still finer degree of selectivity has been introduced without sacrifice to tone. "Multi-Mu" s.g. valves are used in the new set and eliminate much background noise, cross talk, modulation distortion and valve hiss. They are equipped with uniform calibration full vision dials, so that tuning can be made easier. A double knob just below this includes the tuning knob and a larger disc which is the volume setter. An acoustic control, to regulate bass and treble and at the same time cut out a fair proportion of static, is also included. All the new sets are super-heterodyne.

Model 21, although it looks a Midget, has the power of the full set. It is admirably constructed and capable of getting really good results. It is equipped with a standard 8-valve chassis.

Model 61 incorporates all the new features and uses a 9-valve super-heterodyne circuit. Gramophone combinations are also available. The Auckland agents are Lewis Eadie, Ltd.

Pilot Products

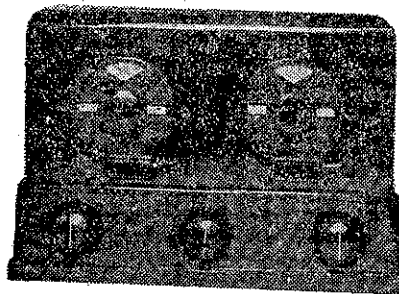


PILOT radio parts need no introduction—their name is legion among radio constructors. Every few weeks

to be moved from room to room, and serves as an end table when drawn alongside an armchair. It embodies all the features found in the larger models. The circuit is the same as the Champion Lowboy, and the size in no way means cramping of parts.

The Auckland representatives are: Caddells Ltd., Queen's Arcade, Queens Street, Auckland, and R. W. Strong Ltd., Queen Street, Auckland.

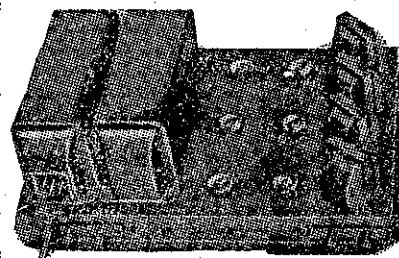
Add-a-Phone



THE Add-a-phone is not a shortwave adapter, although it may be used as such, for it may be used in a separate set or coupled to either a.c. or d.c. receiver. It is a remarkable set developed after years of intensive study of shortwaves. In view of its being shielded in metal it can be used in cities where interference is bad, while tuning dials of the direct drive type and alternatively 300-1 ratio, insure smooth control with no backlash. It will oscillate below 20 metres with .8 volts on the filaments of the 230 types of valves.

The Add-a-phone can be connected to a set and the phones kept on at the same time. It is an all New Zealand product, and nowhere is there a set even remotely resembling the Add-a-phone.

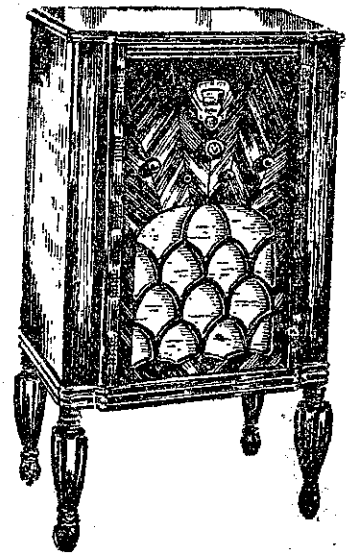
Pam Amplifiers



PROBABLY the best known amplifiers in America to-day are the Pam, and these have already made their appearance

in New Zealand. This year the New Zealand agents, Messrs. J. A. Smythe and Co., of Wellington, are importing the new and improved amplifiers. Greater compactness, improved appearance, less weight, longer life and lower hum voltages are some of the features claimed for this new series. Uniform amplification has resulted in a new brilliance of tone. There are three models, 29, 39 and 59. The 59 is the smallest, and delivers an undistorted output of just over 4½ watts. It has two stages of screen-grid, one 250 and one 281. The largest is the 29, as before with two stages of screen-grid, but this time 224's, followed by four 250's in push-pull and four 428's. This amplifier has an undistorted output of 18.6 watts, with an average gain of 65 decimals over the entire scale. The net weight of this huge amplifier is only 60lb. It is complete with line voltage, compensating plug and fuse. Pam amplifiers are to be found in many of the big ballrooms, and on many of the beaches, sports and showgrounds in America.

Radiola



THIS season Amalgamated Wireless are featuring the new Fisk Series Radiola 45E. This is an all-British receiver, the products of the A.W.A. factory in Australia.

The circuit employs three screen-grid tuned stages, a screen-grid power detector, and a 245 output stage. The tuning control is calibrated in metres for quick and precise station location. The volume control varies the screen-grid voltage, while the set is provided with a local and distant switch.

The voltage regulator, to enable the transformer to be adjusted to suit the main, is a safeguard on valves and condensers. The chassis is provided with a gramophone and loud-speaker jacks and 240-volt outlet socket for supplying current to the gramophone motor, a distinctive and altogether new innovation. ▲