

**DUOFORTE**

55<sup>E</sup>



**RADIO  
PHONOGRAPH  
COMBINATION**



Product of  
**AMALGAMATED WIRELESS (A/SIA) LTD.**





*Charm and grace are combined in the beautiful Duoforte cabinet. Most exacting workmanship is apparent in the attractive doors, the tasteful panels and decorations.*



*A Superb*

RADIO-PHONOGRAPH COMBINATION

*The*

# DUOFORTE

55E



● **T**HIS combination type of musical instrument is greatly in favour among music lovers, for, without doubt, it represents the ideal musical instrument—it places at your command the most highly perfected means of reproduction of recorded music, enabling you at will to choose your own programmes from the world's favourite music.

A click of the switch, and from listening to phonograph records you can tune in the broadcasting station you prefer to hear.

The Duoforte 55E is an instrument of superlative tone—giving faithful reproduction of every type of music from the full, round tones of the symphony orchestra, to the most delicate intonations of the singing voice.

The Duoforte gives interstate radio reception, without an aerial or earth, and with no interference. It is extremely silent, both in tuning-in stations and in operation.

To own the Duoforte 55E is to be assured of dependable, trouble-free performance; for behind it is the reputation of A.W.A., Australia's National Wireless Organisation.

*Equipped with Radiotrons*  
*Easy Terms Available*

£65





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# Outstanding FEATURES

The Phonograph equipment includes components of the very latest design . . . new type electric pick-up constructed of light Bakelite material, reducing the wear and tear on records . . . tone control, allowing emphasis of treble or bass, as desired . . . induction type electric motor which gives years of service without care or attention . . . conventional speed and volume control.

Radio—giving interstate reception without aerial or earth . . . truly remarkable tonal quality . . . extreme selectivity with no overlapping of unwanted stations. It is safe, dependable and absolutely shock-proof.

The Duoforte 55E uses six valves, including Radiotron Rectifier, Variable Mu, and Pentode valves, and has many new and advanced radio engineering features.

Perfect acoustic synchronisation is attained by the scientific design of the cabinet, chassis and fixtures. Minimum controls . . . new A.W.A. dynamic speaker and tone control, permitting individual tonal interpretation, are other features.

The design of the Duoforte 55E has been personally supervised by Mr. E. T. Fisk, Australia's greatest authority on wireless; also well known for his experimental and practical work in the science of acoustics and inventions for noise elimination.

The walnut cabinet, executed in modern style, is of most attractive appearance, and is fitted with sliding doors of the latest type. Overall dimensions:  $42\frac{5}{8}$ " x  $25\frac{1}{4}$ " wide x  $16\frac{3}{4}$ " deep.



# SPECIFICATION

## of the Duoforte 55E

- *A.W.A. Perfected R.F. Circuit.* A super efficient radio circuit, employing four screen grid tuned stages, giving exceptional selectivity, sensitivity and smooth reception.

*Super Control Radiotrons.* Eliminates need of local-distance switch, also reduces "cross talk" and "modulation hum."

*Perfect Acoustic Synchronization.* The Cabinet, chassis and fixtures are so designed as to prevent booming, rumble, rattle and hollow reverberation.

*Pentode Output Valve.* Ensures maximum power amplification without distortion—and with fidelity of tone.

*New Full Power Dynamic Speaker.* Stethoscope tested corrugated cone dynamic, with cone made from special resisting material, which does not deteriorate under adverse conditions. Felt acoustic insulation prevents any possible rattle of speaker rim and baffle.

*Protective Fuse.* Protective fuse to safeguard Duoforte against permanent injury should a "short circuit" occur, due to faulty valve, etc. Also used to effect voltage adjustment from 200 to 260 volts. Note the metal protective cover for fuse unit.

*Phonograph Equipment.* Induction type electric motor; new style light weight pick-up; volume control and speed regulator. New electrical process of record manufacture allows truly remarkable reproduction of the original with perfect realism when re-created on the Duoforte 55E.

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AN AUSTRALIAN FACTORY IN AN AUSTRALIAN GARDEN

- From Australia's largest Radio-Electric Works—from A.W.A.'s technical laboratory with its staff of experienced radio engineers occupied daily in radio research work—comes A.W.A.'s finest achievement, the Duoforte 55E.

A feature of the Duoforte is its trouble-free service, giving satisfactory performance from the moment it is installed. This is due in a large measure to the many stringent inspection tests that are made on the completed instrument before it leaves the Works.

The Duoforte is a product of fine engineering, fine designing, and fine workmanship. Every part, every detail and every feature contribute to but one result—perfect reproduction.

