

The Electric Bus

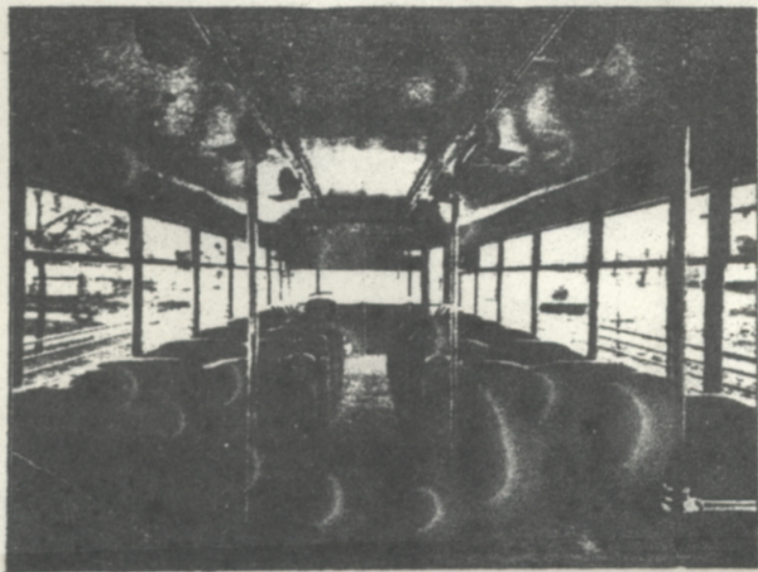
DESIRABLE FEATURES:—

1. Quiet, smooth, fleet, safe operation.
2. Comfortable, convenient, roomy interior.
3. Graceful, streamline appearance.
4. No exhaust fumes or gases.
5. Adequate lighting and heating.
6. Reliability and flexibility.

Operated by

**BROOKLYN AND QUEENS TRANSIT
CORPORATION**

**385 Flatbush Avenue Extension
Brooklyn, N. Y.**



*Exterior and
Interior Views
of the
Electric Bus*



THE Brooklyn and Queens Transit Corporation has placed in service on the Cortelyou Road Line, between Flatbush Avenue and Coney Island Avenue, the first electric bus to be operated in Brooklyn. This bus will be operated in conjunction with a gasoline bus so passengers can compare the relative merits of the two types of buses. The electric bus represents an endeavor to combine the best features of the bus and trolley car into a vehicle that, it is believed, excels both for this special field of transportation.

The electric bus is graceful and streamline in appearance. It is equipped with pneumatic tires, making riding easier and eliminating the contact between steel wheels and steel rails. Its electric motors, supplied with power from overhead wires, have no exhaust gases as in the case of the gasoline bus and make it possible to light the buses and heat them in winter more adequately than can be done in the gas bus. The motors and brakes are controlled by foot pedals similar to an automobile. The poles, which connect with the overhead power system, are designed so that the bus can move 10 feet on either side of the overhead wire and thus move around stalled vehicles or other obstructions in the roadway. They also permit the bus to receive and discharge passengers at the curb.

The use of electric motors provides a high rate of acceleration as well as a uniform rate of acceleration.

The bus placed in service seats 40 passengers. The seats are leather upholstered and of the bucket-type. It is equipped with 50 horse-power motors and will have automatic control equipment of the type installed in the new trolley cars recently placed in service. It has front entrance and rear exit doors, the exit doors being treadle-operated similar to those in the new trolley cars.

The electric bus operation on the Cortelyou Road Line is of an experimental nature to enable patrons of this line, as well as the operating staff of the transit company, to make a practical test of this latest development in public conveyances under actual operating conditions in Brooklyn. In an effort to ascertain public opinion on the form of transportation desired by the public, the transit company is distributing cards to the electric bus passengers asking for their comments and criticisms on its operation.

The switching arrangements at Cortelyou Road and Coney Island Avenue and at Cortelyou Road and Flatbush Avenue are temporary. If the line is to be permanently operated by electric buses, the route will be extended at both ends so as to provide "Loop" terminals for the electric buses.