

## Radio is not all Enter-/

(Continued from page 15.)

with fast patrol cars used for the protection of life and property in and around those cities at night. Throughout the day and most of the night our numerous and efficient A and B class broadcasting stations supply almost continuous entertainment, news and educational services to nearly 400,000 Australian homes. Our experimental short-wave broadcasting services transmit Australian programmes frequently to all parts of the world and occasionally receive programmes from Great Britain and America, to be repeated to Australian through our local stations. listeners Arrangements have recently been completed to maintain communication with the Biitish and foreign mail and passengercarrying aeroplanes which are now initiating regular transport services between Australia and Europe. future of wireless communication is full of interesting possibilities. look forward to the time when Australia will have direct wireless telegraph and wireless telephone services with every important country of the outside world, together with further extension of local and international broadcasting services. I hope we shall continue successfully to make Australia the wireless centre of the Southern Pacific.

The exhibition at present being held in Perth shows conclusively that the modern household broadcasting receiver has now reached a stage of great reliability in design and construction, extraordinary efficiency in pick-up and reproduction, simplicity in operation, combined with attractive appearance and reasonable cost. These things have now become almost a household necessity; they are no longer in the experimental stage, but the modern all-electric radio set is now regarded as a perfectly safe and attractive investment for the householder. Incidentally the rapidly increasing popularity of broadcast listening shows that this branch of the great wireless art is assisting in no small measure to render home life more permanent and attractive.

## Notable Operatic Broadcast

## Directional Microphones Employed

SEVERAL weeks ago the first broadcast of a musical drama from the stage of the Metropolitan Opera. House in New York was heard over a coast-to-coast network of broadcasting stations. Hitherto the management of the Metropolitan has steadfastly refused to allow broadcast performances of its productions, on the ground that radio technique had not reached the point where it could do justice to an operatic performance.

The new parabolic, camera-principle microphones, which follow the characters in their action much as a spotlight trains on the stage, were used for the broadcast, and proved a marked success.