

PIB 16

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PUBLIC INFORMATION BROCHURE

Fixed Radio Public Address Systems

Radio Spectrum Management Group
Ministry of Economic Development

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IMPORTANT NOTICE

The nature of radio spectrum management is such that the information contained in this document is subject to change without notice. The Crown does not accept any liability for damage or loss arising from reliance on any information contained in this document. Interested persons should consult the nearest [Field Office](#) of Radio Spectrum Management Group, Ministry of Economic Development, for further information.

INTRODUCTION

With the increase in the use of small portable broadcast receivers, particularly the "walkman" variety, there has been a demand for a radio service, using suitable frequencies within the FM broadcast band, to transmit public address announcements to the public and for these announcements to be heard through these personal portable radios.

The application of such a service would be for large public gatherings such as sports events, A & P shows, airshows, etc., where a cable-based public address system could be impractical. The concept is based upon ensuring that the service operates only within the immediate locality of the event and operates for no more than the period of the event. Radio Spectrum Management Group will put in place limits to ensure that the service is used only for its intended purpose.

WHO MAY APPLY

Applications may be accepted from any person or organisation wishing to establish a radio service for public address purposes at sporting or social events at which a conventional audio public address system would ordinarily have been used.

HOW TO APPLY

Applications for this service should be made using a [Radio 2](#) form. These are available from any Radio Spectrum Management Group Field Office. Applications should be made through, or directed to, the [Field Office](#) nearest to the intended area of operation.

For the location of the nearest Radio Spectrum Management Group Field Office, please refer to your telephone directory under "Economic Development, Ministry of".

The details of a number of specific events and periods of operation within a maximum overall period of 12 months may be included in a single application. Applications must indicate clearly the period of operation for each event. (Refer also to REMARKS.)

Instances will arise where events are planned to take place outside a particular Radio Spectrum Management Group Field Office area of responsibility. Where this occurs the Field Office receiving your application will co-ordinate the granting of a licence.

APPLICATION FEES

Application fees as prescribed in [Part 1 of Schedule 6](#) of the Radiocommunications Regulations 2001 [Fixed service Point to multipoint (p) unidirectional link] will apply to this service. An application and its fee will be required for each venue. (Enquire at your nearest Radio Spectrum Management Group Field Office regarding fees.)

ASSIGNMENT CONSIDERATIONS

Frequencies available for this service are listed for your information and are assigned by Field Offices upon receipt of a completed application.

AVAILABLE FREQUENCIES

88.1 MHz; 88.2 MHz; 88.3 MHz; 88.4 MHz; 88.5 MHz; 88.6 MHz; 88.7 MHz
(except in Auckland where 88.4 MHz, 88.5 MHz, 88.6 MHz and 88.7 MHz will NOT be available).

TECHNICAL CONDITIONS

The following technical conditions will apply to this service;

- i) Power must be limited to that required to just cover the venue, with a maximum in any case of 5 watts e.i.r.p.
- ii) Emission must be frequency modulated, with a maximum occupied bandwidth of 256 kHz.
- iii) Equipment must comply with [Schedule B](#) of the Radiocommunications (Electromagnetic Compatibility Compliance) Notice. Applicants must provide proof of such compliance.

LICENCE FEES

Licence fees prescribed in [Part 1 of Schedule 6](#) of the Radiocommunications Regulations 2001 [Fixed service Point to multipoint (p) unidirectional link] will apply to this service. Licences for this service will be granted on a *SHORT-TERM* basis only.

OFFENCE

IT IS AN OFFENCE UNDER THE RADIOCOMMUNICATIONS REGULATIONS 2001 AND THE RADIOCOMMUNICATIONS ACT 1989 TO TRANSMIT RADIO WAVES WITHOUT A LICENCE.

REMARKS

Requests for a change of venue and/or period of retention may be authorised at the discretion of the Radio Spectrum Management Group, having regard to frequency availability at the time. Such changes to an existing licence will require an additional application be provided and the appropriate application fee paid.

Cognisance should be taken of the number of transmitters to be used for events, particularly where events are taking place at the same date and time. This will indicate whether there is a requirement to licence more than one transmitter.

**RADIO SPECTRUM MANAGEMENT GROUP
WELLINGTON**