



## Amherst Enterprises Limited ICOM radio repeaters for hire



A repeater is a device that can improve the area covered by a group of walkie-talkie or mobile radios.

The repeater is essentially a powerful mains-powered radio receiver and transmitter set up so that it picks up messages from other radios and instantaneously re-broadcasts them with greater power, hence the name "repeater".

Typically, a repeater is positioned in the geographical centre of the area in which the radios are to be used, with its twin aerials as high up as possible to ensure the greatest coverage.

All radio communications for the group of radios then goes via the repeater, increasing the overall area covered, because each of the group of radios only has to get its signal as far as the repeater in the centre of the area before it is boosted and re-transmitted.

Our VHF and UHF repeaters come complete with mains power lead.

The unit measures 18cms wide x 19cms high by 18cms deep and weighs 4.5kgs.

Two aerials with large spring-clips for attaching to a supporting structure are provide, with 10 metre long aerial leads.

The repeater needs a standard mains power socket.



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