

Adaptive Radio Receiver Controller Method and Apparatus

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Abstract of the Disclosure

A portable radiotelephone (101) operating in a radio communication system (100), the portable radiotelephone including power consumption controller circuitry (200). The radiotelephone system (100) is designed such that the portable radiotelephone (101) needs to only intermittently receive paging information from a remote transceiver (103) during a control mode. The power consumption controller circuitry (200) utilizes a low cost, low power, low frequency oscillator (237) in conjunction with hardware and software for shutting down a portion of the radiotelephone (101) for a sleep period, when the radiotelephone (101) is not receiving information from the remote transceiver (103). The current sleep period is adapted depending upon the timing accuracy of the previous sleep period.

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