

*Abstract*

[0026] A radio communications device includes a headphone assembly, which includes at least one aural speaker or transducer and a headphone cable functioning as an antenna and providing electrical signals carrying audio information to the at least one aural speaker or transducer. A signal separator coupled to the headphone cable separates the electrical signals carrying audio information transmitted to the headphone cable and radio frequency (RF) signals received from the headphone cable. A radio receiver receives the RF signals from the signal separator and converts the RF signals to electrical signals carrying audio information. A tuner is provided for tuning the headphone cable to a selected operating frequency of the radio receiver. An audio amplifier amplifies electrical signals carrying audio information from the radio receiver to be transmitted through the headphone cable to the at least one aural speaker or transducer.