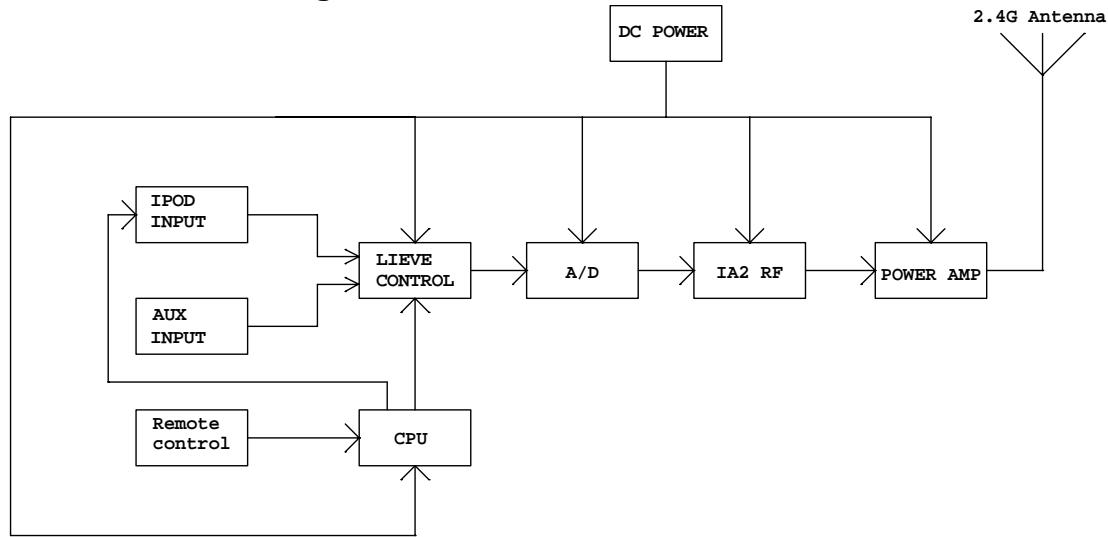


2.4G Wireless Audio transmission system working principle

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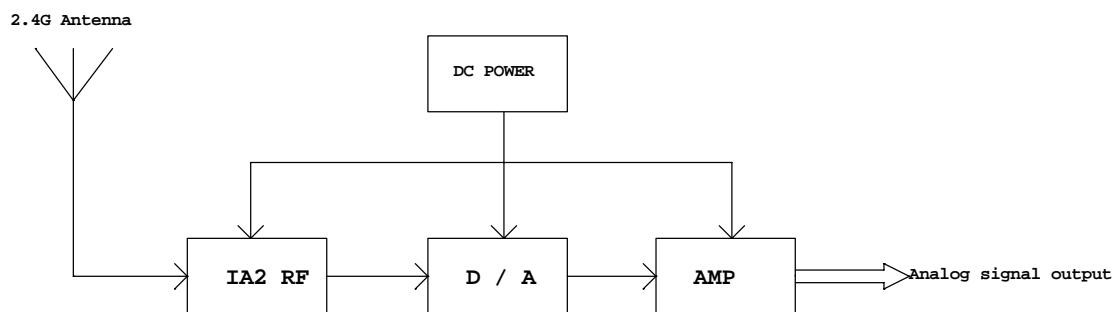
1. Transmit block diagram



2. Transmit working principle:

- A . LIEVE control is a switch that can detect audio input source automatically: iPod or AUX. When iPod is working, AUX will be shut down; vice versa.
- B. Volume is controlled by remote control via internal CPU.
- C. LIEVE control will transfer analog audio signal to A/D
- D. A/D will convert analog audio signal to digital audio signal and then send to IA2 RF to process.
- E. Finally, processed signal will be sent to power AMP to zoom out and then transmit via 2.4G antenna.

3. Receiver block diagram



4. Receiver working principle:

- A. Digital audio signal will be received by IA2 RF via 2.4G antenna and then sent to D/A.
- B. D/A will convert digital audio signal to analog audio signal and then sent to AMP.
- C. AMP zooms out the analog audio signal and then sends out the final signal.