

APPENDIX D
: BLOCK DIAGRAM

DAH-900 BLOCK DIAGRAM

The block diagram illustrates the architecture of the DAH-900 system. At the center is the **MICOM STMP3410**. It is powered by a **DCDC** converter, which is connected to two **1.5V ALKALINE Battery 2 EA** units. A **CLOCK 24.576MH** is provided to the MICOM. The MICOM is connected to a **USB DRIVER** (which interfaces with an external USB port) and a **CODEC**. The CODEC is connected to a **MIC** and an **FM MODULE**. The MICOM also interfaces with two **Flash Memory (16/32/63/128M)** units and an **LCD DISPLAY**. A **2.8V** power rail is shown at the bottom, connected to the Flash Memory and LCD DISPLAY.

