The D unit has:

- Handy switches to select unit ID rather than software set unit ID.
- 20A card vs a 15A card.
- More sequence memory to store large standalone sequences
- Can act as a Director unit controlling other controllers (when in standalone mode). *
- Speed control for standalone mode.
- Firmware can be upgraded via the Hardware Utility.
- Can control 2 servos as well as control 8 light circuits.
- A version of the CTB08D an operate at 240v 50Hz as well as 120v 60Hz.

* In short, the CTB08 REQUIRES you have something else to control it. The "D" models can run in stand alone mode, and even control other units (such as the CTB08). If you have a CTB08 *and nothing else* you will need a computer connected to the board to make it work.