

Prince Castle DHB and EHB Status Messages and Error Codes

Status Messages

BL - Bootloader Running
 BLU - Bootloader USB Detected
 BLCL - Loading Firmware
 BLCF - Flashing Firmware
 BLC - Firmware Loaded on Main Board
 BLCS - Loading Settings File
 BLSF - Flashing Settings File
 BLBL - Loading Timer Bar Firmware
 BLBF - Flashing Timer Bar Firmware
 BLB - Timer Bars Loaded
 BLBS - Loading Timer Bar Settings File
 BLS - Timer Bar Settings Loaded
 BLEC - Loading Ethernet configuration file
 BLEF - Flashing Ethernet configuration
 BLE1 - Error loading DHBFWBIN.TXT
 BL00 - Bootloading timer bars or secondary control board
 BL02 - Bootloading both main and aux timer bars
 BL01 - Bootloading one more timer bar
 BSnn - Bootloading timer bar settings nn more nodes
 Bnxx - Finished Bootloading xx timer bars
 DAYx - Daypart x
 LLL - heater temperature low
 OFF - heater off
 HHH - heater temperature high
 REL - Relay
 SHR - Shorted
 OPN - Open
 HOLD - Wait for operation to complete
 CAL - Calibrate
 CHEC - Check results of calibration
 DONE - Done
 ERR - Calibration Error
 PRB - Probe
 PUSH - push
 BTN - Button
 ---P - Loading Presets
 ---F - Fahrenheit selected
 ---C - Celsius selected
 ---- - Booting application
 TOO - Too

LO - Low
 HI - High
 PASS - Test passed
 FAIL - Test failed
 AAAA - Initializing
 ENSP - Ethernet Setup
 BLSS - Successfully Changed Ethernet Settings

Error Messages

BL17 - No DHBFWBIN.TXT file
 BLF2 - Error Flashing Firmware on Main Board
 BLE3 - Error finding main board firmware file
 BLE4 - Error loading DHBEEBIN.TXT
 BLF5 - Error Flashing Settings File
 BLE6 - Error Finding image menu file
 BLE7 - Error loading DHBFWBAR.TXT
 BLF8 - Error Flashing Main Timer Bar file
 BLF9 - Error Flashing Main Timer Bar Header
 BE10 - Error finding main timer bar file
 BE11 - Error loading Aux Timer Bar file
 BE12 - Error Flashing Aux Timer Bar Header
 BE13 - Error finding Aux Timer Bar File
 BE14 - Error verifying firmware version flash header
 BE15 - Error Loading DHBEEBAR.TXT
 BE16 - Error verifying firmware version flash header
 BE17 - Error loading timer bar settings file
 BE18 - Error finding timer bar settings file
 BE20 - Error loading Ethernet configuration file
 BLNU - No USB flash stick detected
 NOBL - No Valid Application Program
 BLFB - Failed to bootload timer bars
 ENER - Failed to set Ethernet settings

Hi Jason – attached is my cheat sheet for DHB and EHB errors....BL stands for Boot Loader meaning there's a software loading error of some sort, i.e....

- Wiring incorrect
- Different SW versions between main PCB and timer bars
- Wrong software