



UBB Functionality – A/N Timers on Merco PHU's
 810195-80# 2x4, 4x2, 2x3, 2x2 UBB in a Primary Merco 2x4 PHU Ver 1.30

810195-83# 3x4 UBB in a Primary Merco 3x4 PHU Ver 1.31

Configuration Data on Power up
 When a UBB with v1.3x is powered, the Timer bars display:

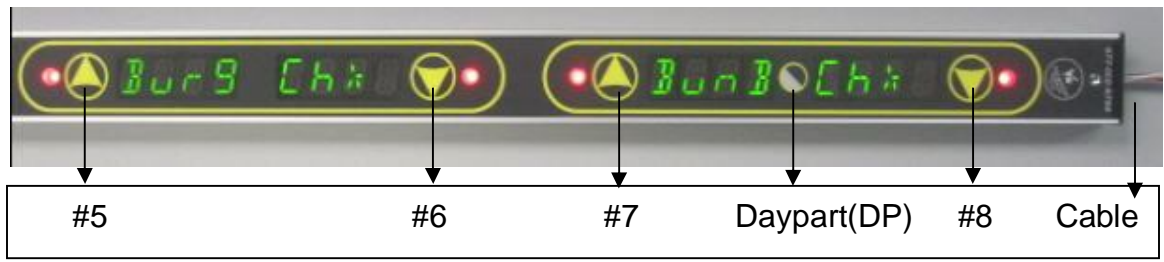
1. LED Test showing all legs illuminated
2. Dashes
3. UBB version#
4. 2-letter code; SA (default), SN, KA or KN
 - S= Standalone Mode (no KM)
 - 1st** K= KM Mode
 - 2nd** A = Alternating Countdown Time/Name
 - N = Name only



Countdown Timer
 The UBB can be configured to display the countdown hold time of products on the A/N Timer bars. This will alternate every 5 seconds with the product name. This can be changed to display the product name only. To toggle off/on the countdown timer: while powering up the UBB and the Timer Bars display dashes, on the PRIMARY PHU press and hold the #6 and #7 pan keys simultaneously (see photo below). Confirmation of the change will be displayed during item 4 above.

Standalone/KM Mode
 When a KM is attached and functioning, the UBB will be placed in a KM Mode after 5 minutes. If a KM is disconnected, non-functioning or powered off, NoKM will display on all the timer bars on that UBB after approximately 30 sec. To temporarily place the UBB in a standalone mode, press a DP key on any Timer bar once. The product names for the current Daypart will display and the user can change to DP1-3 in sequence by pressing the DP key. When the UBB is re-powered, it will be in KM Mode. To “permanently” place the UBB in Standalone Mode, while powering up the UBB and the Timer Bars display dashes, press and hold any DP key. Confirmation of the change will be displayed during item 4

Picture of a 2x2 Timer bar. Right Side of 2x4 & 2x3 Timer bar. Bottom Timer Bar on a 4x2 PHU



Reinitializing the UBB

To reinitialize the UBB: while powering up the UBB and the Timer Bars display dashes, on the PRIMARY PHU press and hold the #5, 6, 7 & 8 keys simultaneously. RSET will display after the dashed confirming the reinitializing of the UBB. "SA - -" will display as UBB defaults to Standalone mode and Alternating Time/Name. All product names will be set to WxPy, x= Warmer#,1-3, y = Pan# 1-8, Hold times=20min, Cook Times = 5min

Verbose Configuration Data

To display the module addresses (all) and Timer Bar firmware version (2x4 bar only) as well as the other configuration data as described in the 1st section above: while powering up the UBB and the Timer Bars display dashes, on PHU1 press and hold the # 8 key.