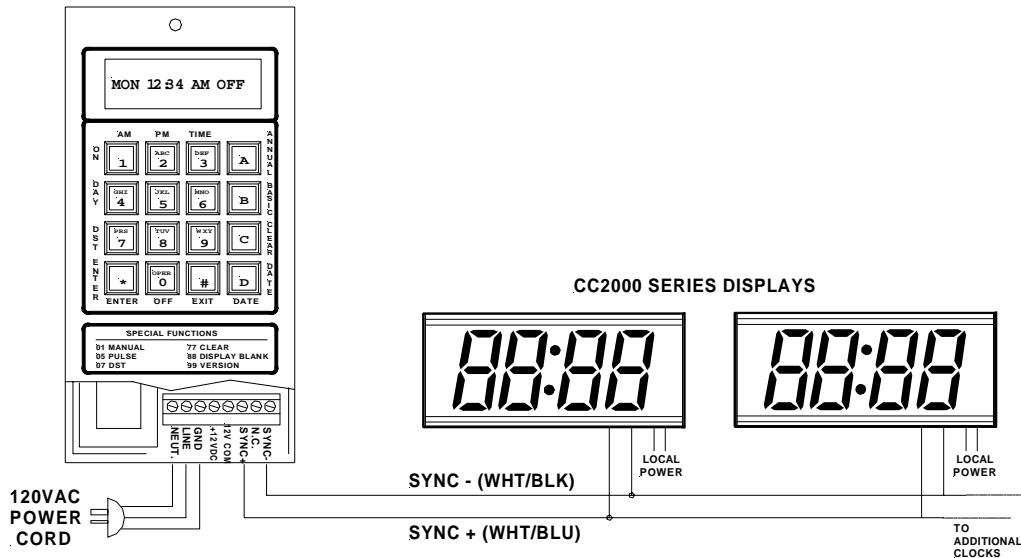


APPLICATION NOTE

AP21 : CONFIGURED FOR MIDNIGHT CORRECTION



WIRING:

The CC2000 series displays require local power (120VAC or 24VAC - determined by model). Connect the Sync+ (Wht/Blu) of all the CC2000 displays to the terminal labeled "SYNC+" on the AP21. Likewise connect the Sync- (Wht/Blk) of all the CC2000 displays to the terminal labeled "SYNC-" on the AP21.

Once all the signal wiring is complete, plug in the power cord on the AP21 to a 120VAC power outlet.

PROGRAMMING:

The AP21 must be properly programmed for the the proper midnight correction to occur. If the unit displays "P-Fail Press 3 Key" on initial power-up, then see the steps as follows.

1. Follow the auto-prompting sequence to set the time, date, day, DST settings...
2. Set the Pulse to equal 3 seconds (Command 05).
3. Enter Step #00 in the Basic Plan to the following settings: " EDY 12:00 AM ON "
4. Exit from the program and ensure the time is set correctly on the AP21.

* Note: The Sync+ and Sync- wires are holding a +12VDC potential with respect to common at all times other than the time of a correction (12:00:00 to 12:00:03).



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