

Application Note: PWM backlight brightness adjust for
ALT/HLT-1920, DT-1920 series
controllers



Version: 1.00

Date: 09-Feb-2022

Application Note

PWM Backlight Brightness Adjustment Procedure for ALT/HLT-1920, DT-1920 Controller Boards

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Revision History

Date	Rev No.	Page	Summary
9 Feb 2022	1.00	All	First issued

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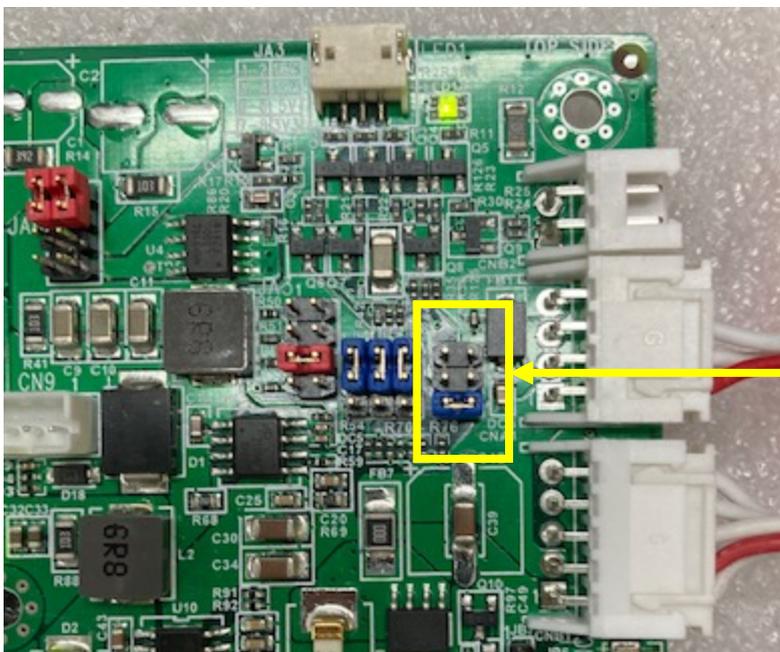
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Procedure for setting the 8 bits PWM backlight dimming control on ALT/HLT-1920, DT-1920 series controllers:

Step 1

Set jumper JB5 = 5-6 to closed to enable PWM (Pulse Width Modulation) brightness adjustment.



Set JB5 = 5-6 to closed to enable PWM (Pulse Width Modulation) brightness

This will set CNB1 pin 4 outputs to the PWM signal to control with PWM backlight driver.

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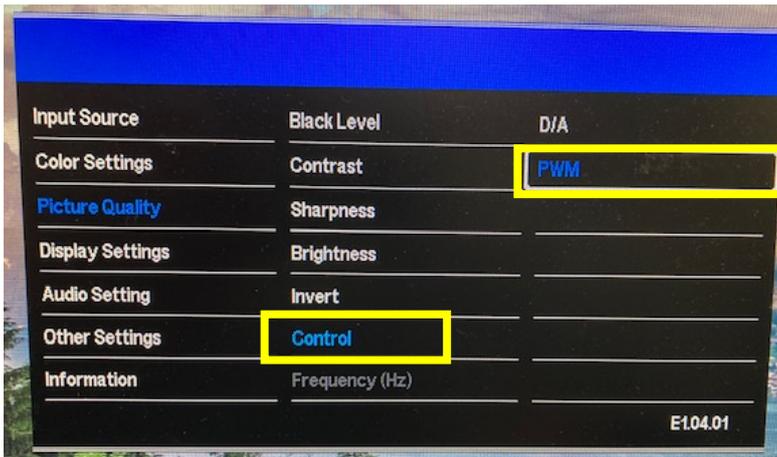


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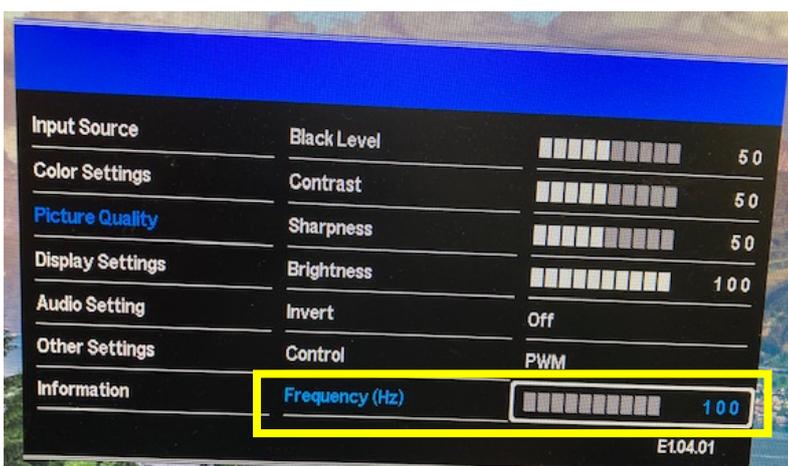
STEP 2

Set Control to "PWM" setting under the 'Picture Quality' page. See the image below:



STEP 3

Set "Frequency (Hz)" under 'Picture Quality' page to the matching frequency range stated with the PWM inverter you are using:



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Step 4 :

Adjust the backlight brightness by adjustment the "Brightness" setting in the OSD menu indicated below :



-END-

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The content subject to change without notice

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