

October 29, 1984

HD-3030
RTTY Terminal Interface

Bulletin No:
HD-3030-1

Schematic Corrections - U3C & AFSK Board

On the schematics for manual [PN 595-3100] and the HD-3030 Blue Book schematics, make the following corrections:

On the main circuit board schematic, add an inversion symbol at pin 14 of U3C.

On main circuit board schematic, lower left, change 12 v at U1-9 and U3-9 to read NC.

On AFSK circuit board schematic, remove the connections between board connector pin 2 and pins 3, 6, 8 and 10.

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Bulletin No:
HD-3030-2

Repetitive Failure Of CR6, Q10 and Q12

In Terminal Interface units set for current loop operation, the repetitive failure of CR6 [PN 56-16], Q10 [PN 417-936] and Q12 [PN 417-988] can be prevented by installing a normally-closed phone jack [PN 436-4] at S2 and a 110 volt zener diode [PN 56-48] across the loop output.

Make this change only when needed.

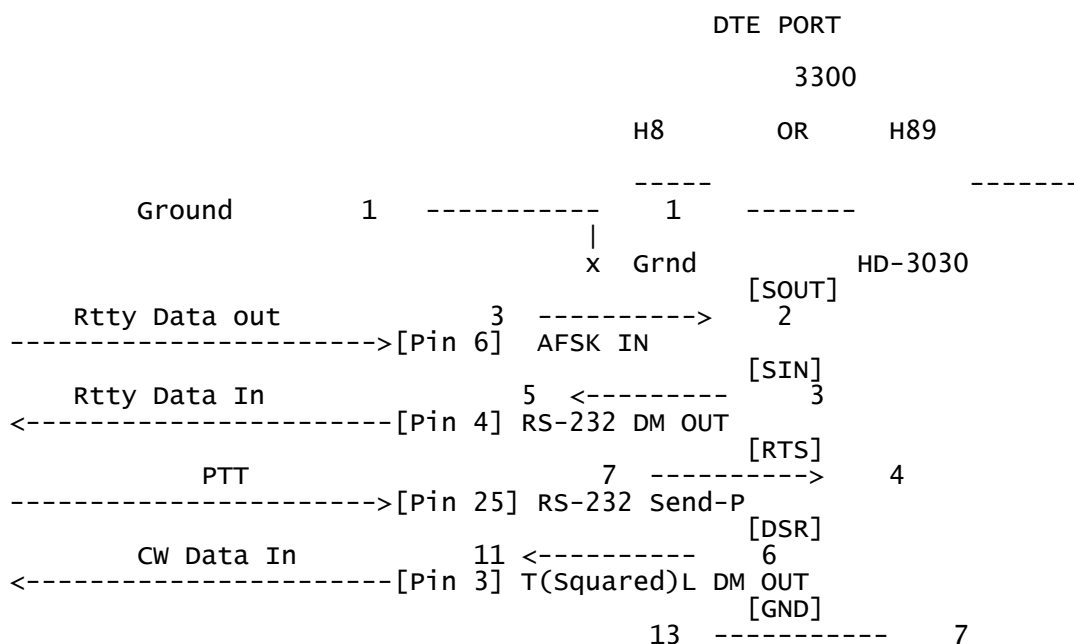
January 31, 1985

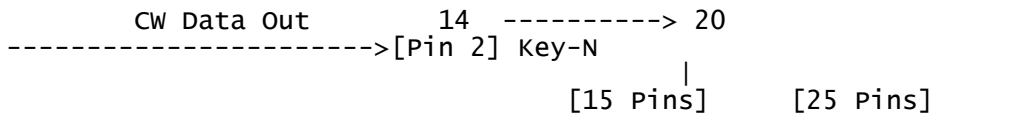
HD-3030
RTTY Terminal Interface

Bulletin No:
HD-3030-3

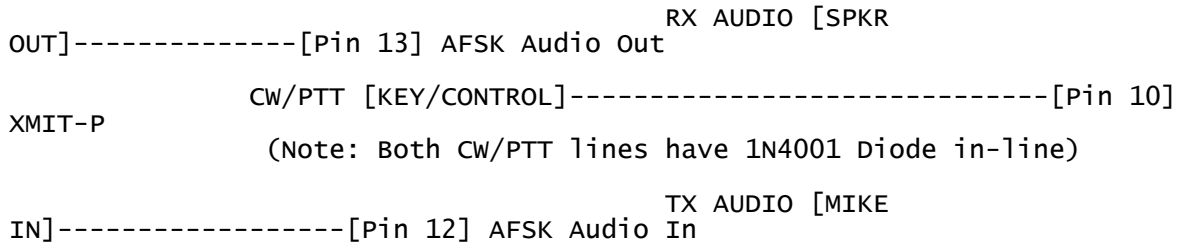
H/Z To HD-3030 Interconnection

Some customers who did not purchase the options for the HD-3030 may ask for information for connecting the H/Z-89 Computer to the HD-3030. Here is the interconnect diagram from the HDP-1010 Super CW software manual for your reference:





[From Transceiver to HD-3030]



[Pin 15] TO GROUND

((Hope the above is understandable. when I have the scanner hooked up I will forward the above to the Heathkit web Page))

January 31, 1985

HD-3030
RTTY Terminal Interface

Bulletin No:
HD-3030-4

Unit Outputs Data To CRT when 425 Hz Or 850 Hz Pushbutton
Pressed During Reception Of 170 Hz Shift Signals

This is normal operation. A voltage drop across D1 on a filter board allows a very small amount of signal to reach the demod board. Because the demod board is sensitive, it amplifies the small signal enough to be displayed on the CRT.

In most cases, the signals from the selected filter boards will over-ride the residual signal from the unused filter board.

Mary 31, 1985

HD-3030
RTTY Terminal Interface

Bulletin No:
HD-3030-5

When the [PN 56-48] zener diode is installed according TEB HD-3030-2 in the 1984 TEB Book, the loop output won't function reliably when used as an input. To correct this problem, remove the #56-48 zener diode. When the shorting jack [PN 436-4] is installed and the criteria outlined in the "Caution" box on page 62 of the manual [PN 595-3100-2] is met, the zener diode is not needed.

Mark the change on TEB HD-3030-2 for future reference.

Thats everything I hold up to 1989 that covers the HD-3030. Enjoy!

73 de Joe W7LPF/4 [NNNOKUU]
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