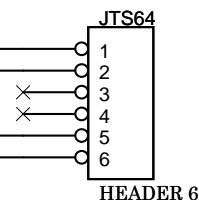


COM-SPEC TS-64WDS

PLEASE CONSULT THE COM-SPEC DATA SHEET FOR FURTHER INFORMATION OR PRODUCTION CHANGES THAT MAY AFFECT THEIR PRODUCT. COM SPEC CAN BE REACHED AT 800-854-0547

PIN 3 / +13.8V IN	RED.
PIN 12 / DECODER IN RX DISC	GREEN.
PIN 7/ RX MUTE / DECODER OUT	BROWN
PIN 9 / GROUND	BLACK.
PIN 4 / PTT INPUT	ORANGE / WHITE.
PIN 2 / HANG UP	VIOLET.
PIN 6 / ENCODER OUT	YELLOW.



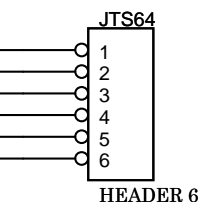
EXAMPLE 1: TS-64WDS ENCODE/DECODE ONLY WITHOUT PL FILTER

PL TO ENCODE TO TRANSMITTER PL INPUT

COM-SPEC TS-64WDS

PLEASE CONSULT THE COM-SPEC DATA SHEET FOR FURTHER INFORMATION OR PRODUCTION CHANGES THAT MAY AFFECT THEIR PRODUCT. COM SPEC CAN BE REACHED AT 800-854-0547

PIN 3 / +13.8V IN	RED.
PIN 12 / DECODER IN RX DISC	GREEN.
PIN 1 / HIGH PASS FILTER INPUT RX DISC.	BLUE / WHITE.
PIN 11 / HIGH PASS FILTER OUT.	BLUE.
PIN 7/ RX MUTE / DECODER OUT	BROWN
PIN 9 / GROUND	BLACK.
PIN 4 / PTT INPUT	ORANGE / WHITE.
PIN 2 / HANG UP.	VIOLET.
PIN 6 / ENCODER OUT	YELLOW.



EXAMPLE 2: TS-64WDS ENCODE/DECODE WITH PL FILTER. Note: Remove JP-1 on NHRC-3.1

PL TO ENCODE TO TRANSMITTER PL INPUT

NOTES:

- 1.) DO NOT JUMP H/B PADS ON TS-64WDS.
- 2.) READ TS64WDS MANUAL COMPLETELY.

3.) 6 PIN CONNECTOR MOLEX P/N 22-01-3067 (DIGI-KEY WM2015-ND) OR EQUIV.
CRIMP PIN INSERTS MOLEX 08-50-0114 (DIGI-KEY WM2200-ND) OR EQUIV.
DIGI-KEY CAN BE REACHED AT 800-344-4539 WWW.DIGIKEY.COM

4.) PL FILTER SHOULD BE USED IN INSTALLATIONS WITH OPTIONAL DIGITAL AUDIO DELAY

5.) COM-SPEC TS-64WDS NOT SUPPLIED BY NHRC.

6.) NHRC LLC ASSUMES NO LIABILITY FOR THE ACCURACY OF THIS APP NOTE. USE AT YOUR OWN RISK.

SET NHRC-3.1 PL DECODE JUMPER TO ACTIVE LOW

NHRC Repeater Controllers

415 Fourth Range Road
Pembroke, NH 03275
603-485-2248
<http://www.nhrc.net>

Title

COM-SPEC TS-64WDS APP NOTE FOR NHRC-3.1CONTROLLER

Size
A

Document Number
TS-64WDS- APPNOTE_NHRC-3.1.DSN

Rev
B

Date: Wednesday, July 01, 2015

Sheet 1 of 1

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