

STANDARD WIRING - Digipeaters

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Queensland Digital Group

This document describes the wiring of QDG TNC interface to transceivers.

Each transceiver will require the locking style 8 pin DIN sockets to be wired into the ancillary positions in the rear of the radio chassis. The DIN socket nearest the RF connector is for the TNC / Modem, the other socket for a console or linking equipment.

Pinout as follows (use same colours for TNC internal wiring);

MODEM 8 pin DIN (Near BNC connector)

Colour	Pin	Function	Comments
Violet	1	Squelch	Active low preferred
Green	2	RxA	Receiver audio
Yellow	3	TxA	Transmit audio
Braid	7	Ground	Ground at one end of cable only
N/C	4		
White	5	PTT	Active low
N/C	6		
Black Lg	7	ground	Power ground
Red Lg	8	+VCC	13.8v DC switched output

CONSOLE 8 pin DIN (or 5 pin handset)

Pin	Function	Comments
1	Ground	Power ground
2	TxA	Console / Link Tx audio
3	RxA	Receive audio (squelch)
4	PTT	Active low
5	Ground	Audio return
6	N/C	spare
7	N/C	spare
8	+VCC	13.8v DC switched output
	N/C	No Connection

Nev vk4tx

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