

BCR Repeater (BCR-50V, BCR-40U, and BCR-220)

Connectivity to MMDVM-Pi

Cable used: JST8 pigtail

Function from MMDVM-Pi Perspective	8 Pin JST Pigtail	BCR DSUB 25 Male
GND	4 and 5	25
COS / PL Decode	2	17
RX Audio In	3	8
TX Audio Out –	6	21 *
PTT Out – Goes to PTT In of Repeater	7	20
Shield – GND		
RADIO_RSSI	8	Not Used
CTRL	1	Not Used

* When using the modem calibration program, use P1 on the repeater's accessory board to measure 1.5 Vdc on TP1. This ensures maximum dynamic range as the modem TX data meets the transmitter's TCXO.