NOTES:

1. ZERO SECOND LISTEN TIME IS REQUIRED.

2. WARNING! USING A NON-FACTORY RS232 DATA CABLE MAY RESULT IN DAMAGE AND MAY VOID SYSTEM WARRANTY.

3. TWO FREEWAVE RADIOS IN ONE UNIT NOT APPLICABLE TO OEU's, 6610, UFLO & LMC.

4. FREEWAVE FGRIO-S [SLAVE] NOT APPLICABLE TO XRC & FCU.

5. CAUTION - FOR FREEWAVE RADIOS RS232 OR RS485, THE JUMPER WIRE FROM BLK TO GRA ON TERMINAL STRIP MUST BE REMOVED.
The diagram shows a schematic for a RS232 operation interface with the following details:

- **Model**: 6490/6890 (XRC6790)
- **ELEK PCBA**: 2100355-XXX
- **TERM PCBA**: 2100355-XXX
- **COMM**: 1
- **I/O OPTION PCBA**: 1

The diagram also includes the following connections:

- **J1**
  - B+ IN: RED
  - MENU: BRN
  - BTR: GRN
  - GND: BLK
  - TX: YEL
  - GND: BLK OR WHT
  - RX: GRN
  - CD: BLU
  - RTS: VIO
  - CTS: 10

- **P6A**
  - SWVBATT: 3

- **P6B**
  - SXVBATT: 12

- **TB1**
  - WHT (SWVBATT): 4
  - JUMPER: 2X
  - JUMPER: 6
  - BRN (RXD): 16
  - RXD: 2
  - GND: 11
  - GND: 3
  - TXD: 18
  - TXD: 5
  - GRN (TXD): 15
  - RED (RTS): 7

- **Use Cable No.**: 2100759-001