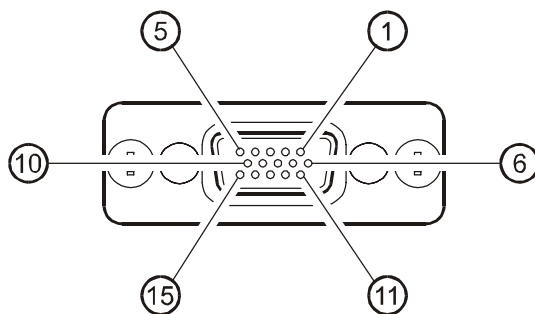


DSUB 15-pin Accessory Connector



Pin 1: AF IN (ANALOG INPUT)

External Microphone Input. Nominal input level is 6 mV at 600-ohm.

Pin 2: AF OUT (ANALOG OUTPUT)

Low-level receiver output. Peak signal level is 150 mV at 600-ohm.

Pin 3: AF GND

Ground for all logic levels and power supply return.

Pin 4: DC OUT (13.6 V DC OUTPUT)

Switched 13.6V output for supplying power to an accessory.

Pin 5: RSSI (ANALOG OUTPUT)

A DC voltage proportional to the strength of the signal currently being received (Receiver Signal Strength Indicator) is provided on this pin. This low impedance output is generated by the receiver IF sub-system and buffered by an internal op-amp. Typical output voltages are 1 V (@No Signal Input) through 2.0 V (@50 dB Signal Input).

Pin 6: EXT PTT

Shorting this port to ground causes the transceiver to be placed in the Transmit mode, while opening the connection to this port returns the transceiver to the Receive mode. Opening voltage is 5 V, closed current approx. 5 mA.

Pin 7: TRX

This port is intended for controlling an external TX/RX switching circuit. When the transceiver is placed in the the Receiver mode, this port is 5 V. When the transceiver is placed in the the Transmit mode, this port reduce to 0 V.

Pin 8: ING (IGNITION SENSE FEATURE)

The VX-4100/-4200 may be automatically be switched to the STND-BY mode when the vehicle's ignition key is turned on. Maximum current is 20 mA.

Pin 9 - 12: ACC1 - ACC4 (ACCESSORY PORT)

These output port features can be programmed via the CE59 programmer. Each port is open collector output which can sink approx. 30 mA when active.

Pin 13: Not Used

Pin 14: Not Used

Pin 15: GND

Chassis ground