

Use the comm driver voltage to isolate potential issue.

- Each device has a comm driver.
- The output voltage will be steady when disconnected from the system.
- The output voltage will fluctuate when connected to the system and communicating.

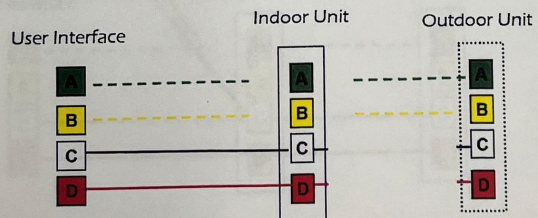
- A to B = 2 - 4 VDC
- A to C = 2 - 4 VDC (can show slightly higher than A to B reading)
- B to C = less than 1 VDC

The values should be steady. Voltage values may vary with meter used. A reading slightly below 2 VDC or above 4 VDC is ok as long as it is steady.

## Troubleshooting Communication

### Isolate devices

- Leave C and D connected
- Remove A and B wires at common location
- Check A and B wires with voltmeter



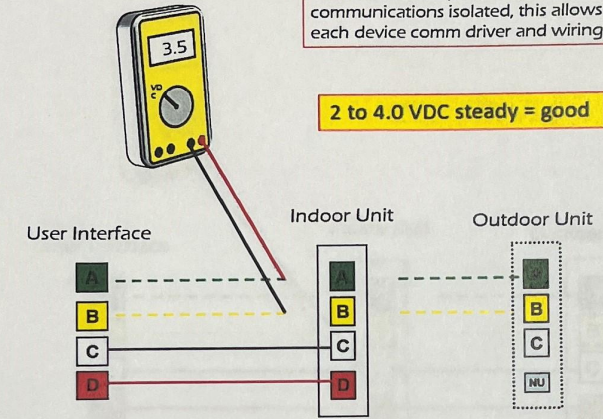
## Trouble shooting

## Communication

Verify UI

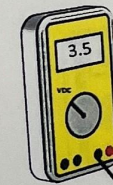
With the devices powered, but the communications isolated, this allows you to test each device comm driver and wiring.

2 to 4.0 VDC steady = good

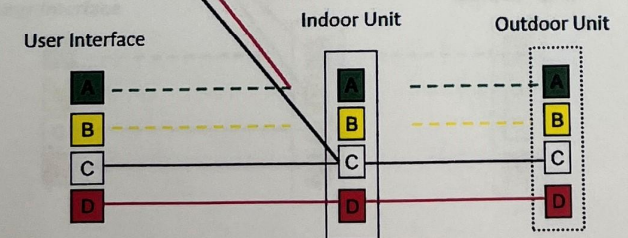


## Trouble shooting

## Communication

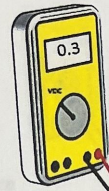


2 to 4.0 VDC steady = good

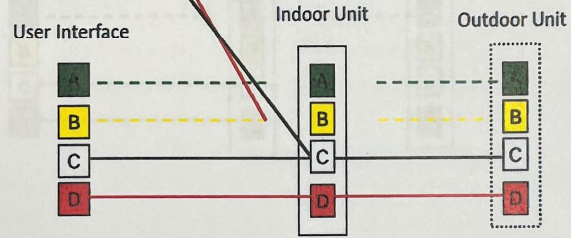


# Trouble shooting

# Communication



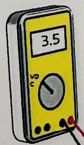
Less than 1 VDC = good



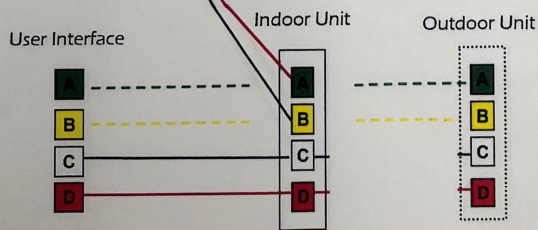
# Troubleshooting

# Communication

Verify indoor board



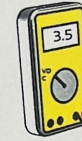
2 to 4.0 VDC steady = good



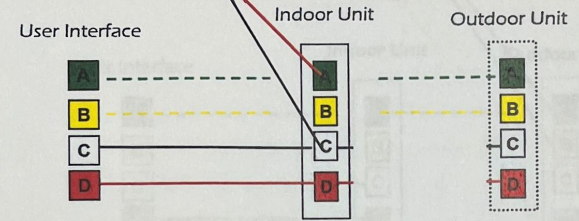
# Troubleshooting

# Communication

Verify indoor board



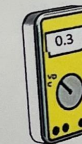
2 to 4.0 VDC steady = good



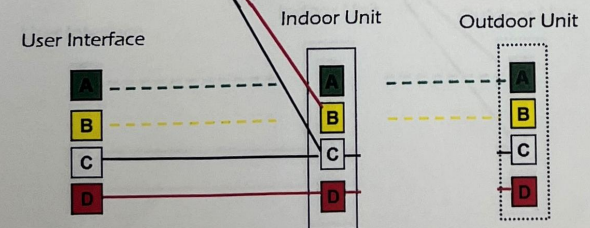
# Troubleshooting

# Communication

Verify indoor board

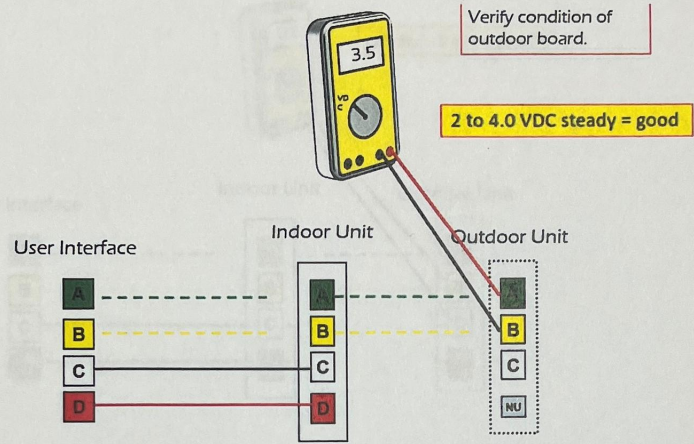


Less than 1 VDC = good



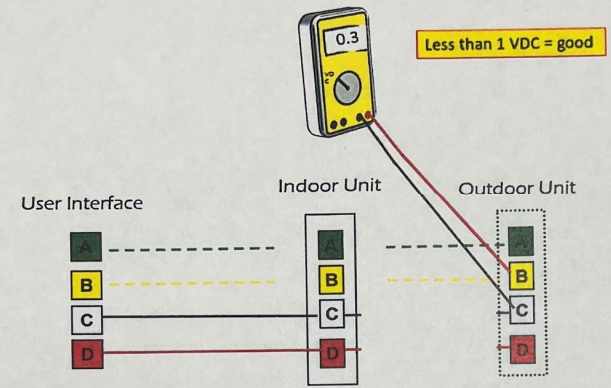
# Troubleshooting

# Communication



# Troubleshooting

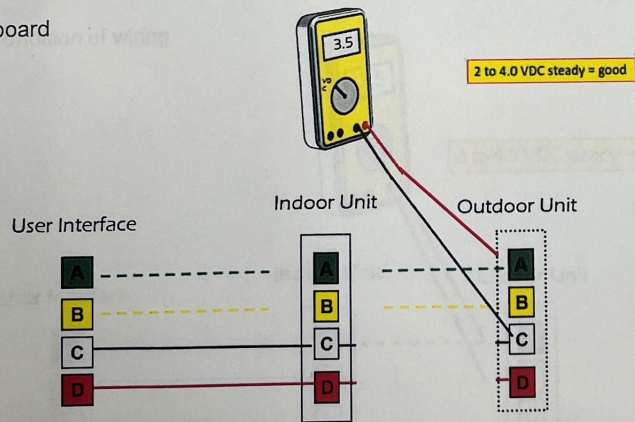
# Communication



# Troubleshooting

# Communication

Verify outdoor board



# Troubleshooting

# Communication

Verify condition of wiring

