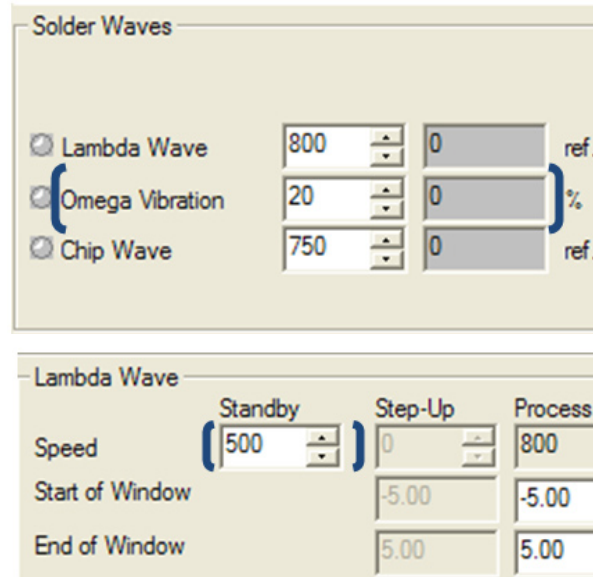


## Service Tips : Electrovert Wave Soldering system

### 1. Omega Wave turn OFF alarm happen when machine run in Auto Mode

**Issue** : Running in standby mode and the RPM setting is less than 500 RPM it will turn the Omega off, however it will restart once the RPM goes above 500.

**Solution** : 2 item must be satisfied  
1) A percentage (%) value must be entered in the Set Point test box next to Omega Vibration,  
2) Main Wave must be activated and above 500 RPM



### 2. Alarm I/O – Error Binding Socket During Startup

```
02/25/09 03:42:49 PM Mode: Auto-Stop
02/25/09 03:42:49 PM Setpoint Change: Lambda Wave Overshoot Time, new value = 1, old value = 0
02/25/09 03:42:49 PM I/O - Error Binding Socket During Startup
02/25/09 03:42:49 PM VectraElite Started Version: 1.04.2
02/25/09 03:27:48 PM VectraElite Stopped Version: 1.04.2
02/25/09 03:24:45 PM Mode: Manual
02/25/09 03:24:15 PM Mode: Auto-Stop
```

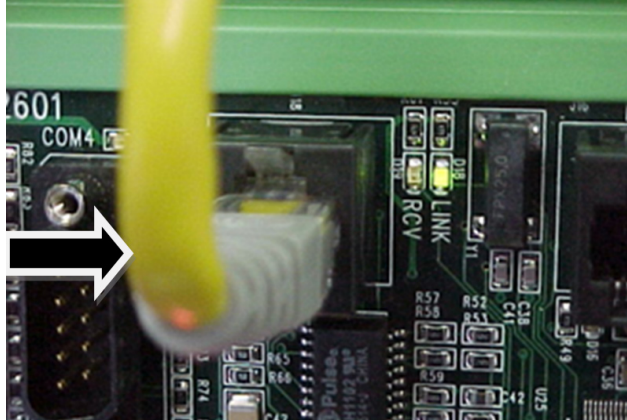
**Issue** : No communication between Main Module 2601 and Computer

**Solution** : 3 items that cause the problem – wrong IP Address, Bad cable and Bad Main Module

1) Verify the Main Module 2601 Led D18 (Link ) indicates a valid cable connection with PC and Led D19 ( RCV ) Flashes when sending or received



- 2) Verify or replace the Standard CAT 5 Crossover cable.



- 3) Verify the IP Address.

```

C:\WINDOWS\system32\cmd.exe

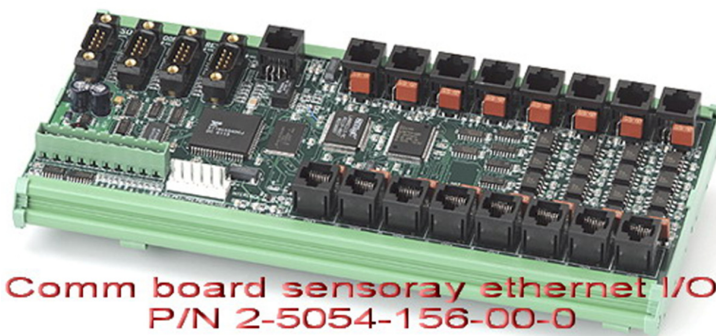
C:\Documents and Settings\tbeard>ping 10.10.10.1

Pinging 10.10.10.1 with 32 bytes of data:

Reply from 10.10.10.1: bytes=32 time<1ms TTL=32
Reply from 10.10.10.1: bytes=32 time<1ms TTL=32
Reply from 10.10.10.1: bytes=32 time<1ms TTL=32
Reply from 10.10.10.1: bytes=32 time<1ms TTL=32

Ping statistics for 10.10.10.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
  
```

- 4) Replace the Main Module 2601 Card



#### ABOUT SPEEDLINE TECHNOLOGIES

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