



# COM SERIES LAB GUIDE

Instructor-Led Training

## IDENTIFY PCB COMPONENTS iCom/CellCom

1. Identify the different components of the system and determine if you have the correct equipment:

- › CellCom/iCom PCB
- › Outputs
- › Load & Reset Buttons
- › Zones 1-4
- › Tip & Ring

## IDENTIFY PCB COMPONENTS DualCom

2. Identify the different components of the system and determine if you have the correct equipment:

- › DualCom PCB
- › Tip & Ring
- › Tip & Ring 2
- › Zones 1-4
- › Load & Reset Buttons
- › Outputs

## POWERING UP THE PANEL

1. Connect **COM SERIES** terminal **+12** to **+12/+24 VDC** terminal on the host panel auxiliary output
2. Connect **COM SERIES** terminal **G** (Ground) to the **NEGATIVE** terminal on the host panel auxiliary output

## ENTER PANEL PROGRAMMER

1. Connect the DMP **MODEL 330** Programming harness to the 4-pin programming header
  - › Use Model 330-24V on 24V systems
2. Use the DMP **MODEL 330** Programming harness to connect to your thinline keypad for programming
3. Reset the panel using the **RESET BUTTON**
4. Enter **6653** (PROG) at the keypad
5. Press **CMD** to navigate through the panel programmer menus:
  - › Initialization
  - › Remote Options
  - › Zone Information
  - › Communication
  - › Area Information

## CID DIALER CONNECTION

1. Directly connect the **TIP** and **RING** from the control panel to the **COM SERIES** to capture Contact ID messages
  - › CID Dialer Connection cannot be used when using Zone 4 Bell Connection
  - › Do not connect telephone company wires to the Com Series
  - › Remove any connected telephone company wires from the control panel
  - › When needed for DualCom connect second phone line to Tip and Ring 2

## CONNECTING ZONES 1-4

1. Connect each panel relay output to the panel
2. On a burglary system, use a normally closed output
3. Use a normally open output on a fire control panel to indicate a fire alarm
4. Program the zone name and type
  - › Zone 4 can only be used as a standard input zone when not programmed as zone type Auxiliary 2 (A2)

## CONNECTING ZONE 4 BELL

1. Connect the **BELL OUTPUT** to Com Series Zone 4
2. Program as **ZONE TYPE A2** in **ZONE INFORMATION**
  - › 1k ohm resistor on both panels
  - › Voltages above 14VDC are considered Alarm

## ECP CONNECTION

1. Connect the **ECP DATA WIRES** to Com Series Zone 4
2. Enable **ECP** for the **KEYPAD INPUT** in **SYSTEM OPTIONS**
3. Enter **2313 (DIAG)** at the keypad
4. Press **CMD** to navigate to **ECP SETUP**
5. Press a top-row select area and enter the host panel's installer code then press **CMD**
6. Wait while the Com Series programs the Vista Panel
  - › Full programming of Vista Panel available through Compass and Remote Link
7. Press **CMD** to advance to **GET ZONES**
8. Press a top-row select area and enter the host panel's installer code then press **CMD**
9. Wait while the Com Series retrieves the zones from the panel

## DSC CONNECTION

1. Connect the **DSC DATA WIRES** to Com Series Zone 4
2. Connect the **TIP** and **RING WIRES** to the Com Series
3. Enable **DSC** for the **KEYPAD INPUT** in **SYSTEM OPTIONS**
4. Enter **2313 (DIAG)** at the keypad
5. Press **CMD** to navigate to **DSC SETUP**
6. Press a top-row select area and enter the host panel's installer code then press **CMD**
7. Wait while the Com Series programs the DSC Panel
8. Press **CMD** to advance to **GET ZONES**
9. Press a top-row select area and enter the host panel's installer code then press **CMD**
10. Wait while the Com Series retrieves the zones from the panel
11. Connect the Com Series to the DSC panel by using the **MODEL 330-DSC PROGRAMMING HARNESS**
  - › This harness must be connected in order to use DSC's software DLS to remotely manage your panel

## CELL STATUS

1. Reset the Com Series
2. Enter **2313 (DIAG)** at the keypad
3. Entry into the **CELLULAR STATUS (CELL STATUS)** menu will cause each component of the cellular communication to be tested.
  - › The test will proceed until the first component failure or until all components have

been tested with positive results

- › The test screen will display after each component and will be displayed for two seconds or until the CMD key has been pressed

**COMMUNICATION TEST**

1. Enter **984 CMD** at the keypad
2. Select **NET** to test network communication
  - › The test screen will display after each component and will be displayed for two seconds or until the CMD key has been pressed

**QUESTIONS**

What else would you like to learn about Com Series?

**NOTES:**

Dotted lines for taking notes.

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