COM SERIES LAB GUIDE
Instructor-Led Training

IDENTIFY PCB COMPONENTS

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

CellCom

- CellCom PCB
- Zones 1-4
- Output 1 & 2
- Tip & Ring
- Load & Reset Buttons

CellComEX

- CellComEX PCB
- Zone 1
- Output 1
- Tip & Ring

DualCom

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

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
   - Communication
   - Remote Options
   - Area Information
   - Zone 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
   - Zone 1 on the CellComEX
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
   - Zone 1 on the CellComEX
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:

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