

PARTS REQUIRED

AD TOUCH TRACKER Installation Kit:

0351-0474-04

Description	Qty.	Part No.
Modular cable assy	4.3m	6003-0047-01
Screw, M2.9x9.5	1	5899-0004-102
Anchor, 4-8x.750	2	2880-0083-01
Screw, #8x1	2	2816-7634-44
Conn, 1x5pos	1	2109-0254-04
Lug, 22-16AWG	3	2141-0002
Cable, 3-cond, 18AWG	5m	6002-0024-01
Interconnect box	1	0300-1000-01
Hood, D-Sub, 9pos, cable	1	2125-0007-02
Conn, D-Sub, plug, hsg, 9pos		2130-0021-01

Installation Procedures

For connections less than or equal to 4m (14 ft)

Refer to the diagram on page 2.

1. Mount each external interconnect module (EIM) on a wall or other surface within 3m (10 ft) of the controller.
2. Connect the power transformer to J3 on each EIM. Refer to the J3 table on page 2.
3. Wire the DB9 connector to the data cable. Refer to the DB9 table on page 2.
4. Connect the data cable from J1 on the TOUCH TRACKER EIM to one of the RS232 ports at the rear panel of the AD Switch. Refer to the RJ45 table on page 2.
5. Connect the modular cable from J2 on EIM to the TOUCH TRACKER Controller.
6. Plug each power transformer into a grounded, 3 wire receptacle.

NOTE: If the keypad and back lighting do not illuminate when power is applied, unplug each power transformer and repeat steps 2 through 6.

When all cables are connected, you must set the TOUCH TRACKER for the appropriate communications protocol.

- If your AD switch does not support keyboard repeat, enter **200**, then press **F1** to select **Repeat Off**. The **AD168** supports this mode.
- If your AD switch supports keyboard repeat, enter **201**, then press **F1** to select **Repeat On**. The **AD1650**, **AD2050**, **AD2052**, **AD2150**, and **AD2350** support this mode.

Repeat On is the default setting for the TOUCH TRACKER.



WARNING Shock Hazard!
Disconnect AC Power to the Switch.



CAUTION Static Sensitive Components!

Follow proper handling procedures to prevent component failure.

For connections greater than 4m (14 ft)

This installation requires 2 modular cable assemblies (Part No. 6003-0047-01), 2 HP0047 AD Terminal Boxes, and 3-wire, 18 AWG shielded cable. Contact your sales representative for additional parts.

Refer to the diagram on page 3.

1. Mount each external interconnect module (EIM) on a wall or other surface within 3m (10 ft) of the controller.
2. Connect the power transformer to J3 on each EIM. Refer to the J3 table on page 3.
3. Wire the DB9 connector to the data cable. Refer to the DB9 table on page 3.
4. Referring to the diagram on page 3, connect the wires as illustrated to the Terminal boxes. The shield wire connects to 7 on the Switch Terminal Box only.
5. Connect one modular cable from J2 on EIM to the TOUCH TRACKER Controller.
6. Connect the data cable from J1 on the TOUCH TRACKER EIM to RJ45 on the TOUCH TRACKER Terminal Box. Refer to the RJ45 table on page 3.
7. Connect remaining modular cable from the Switch Terminal Box to one of the RS232 ports on the AD Switch.
8. Plug each power transformer into a grounded, 3 wire receptacle.

NOTE: If the keypad and back lighting do not illuminate when power is applied, unplug each transformer and repeat steps 2 through 8.

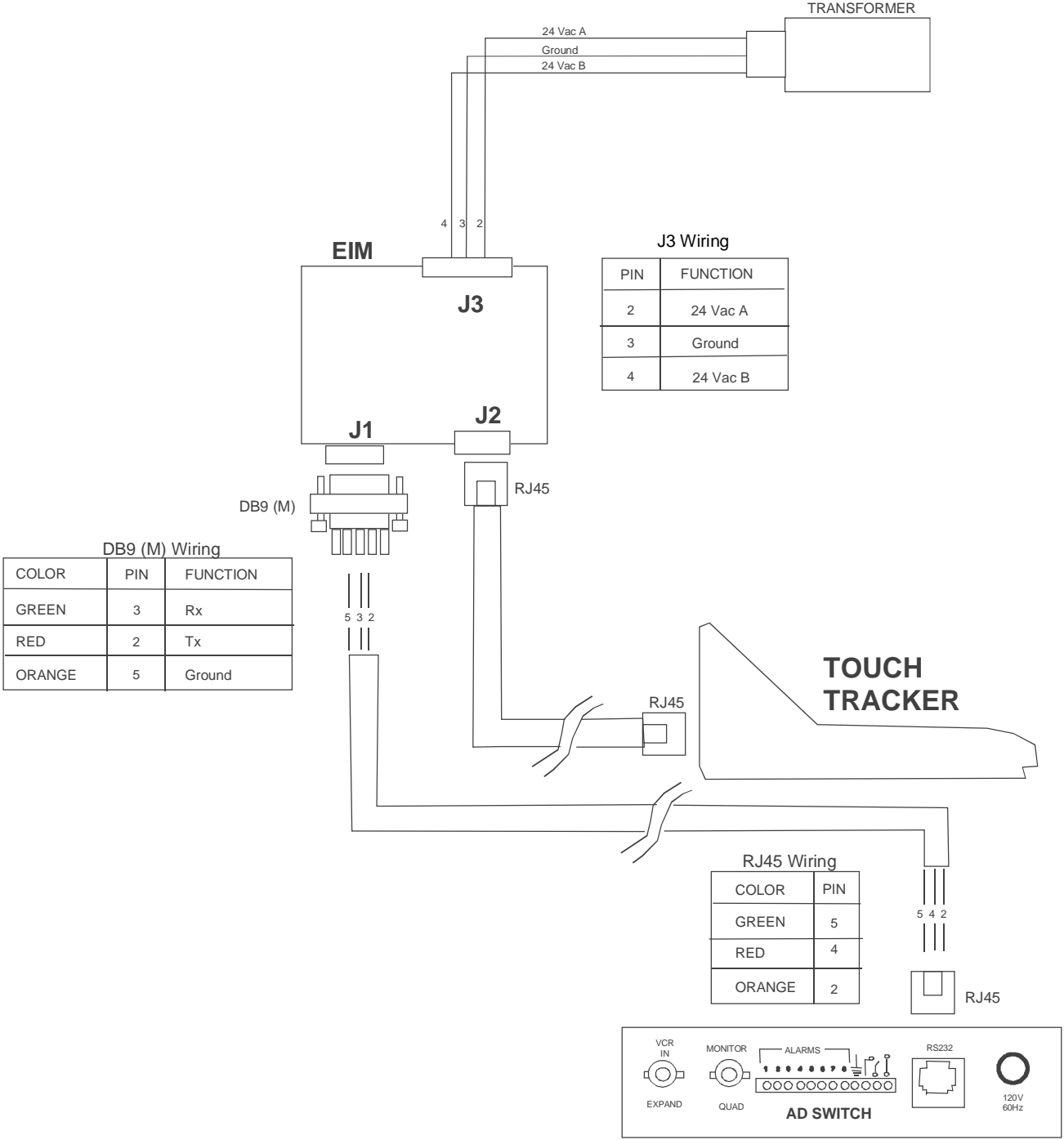
When all cables are connected, you must set the TOUCH TRACKER for the appropriate communications protocol.

- If your AD switch does not support keyboard repeat, enter **200**, then press **F1** to select **Repeat Off**. The **AD168** supports this mode.
- If your AD switch supports keyboard repeat, enter **201**, then press **F1** to select **Repeat On**. The **AD1650**, **AD2050**, **AD2052**, **AD2150**, and **AD2350** support this mode.

Repeat On is the default setting for the TOUCH TRACKER.

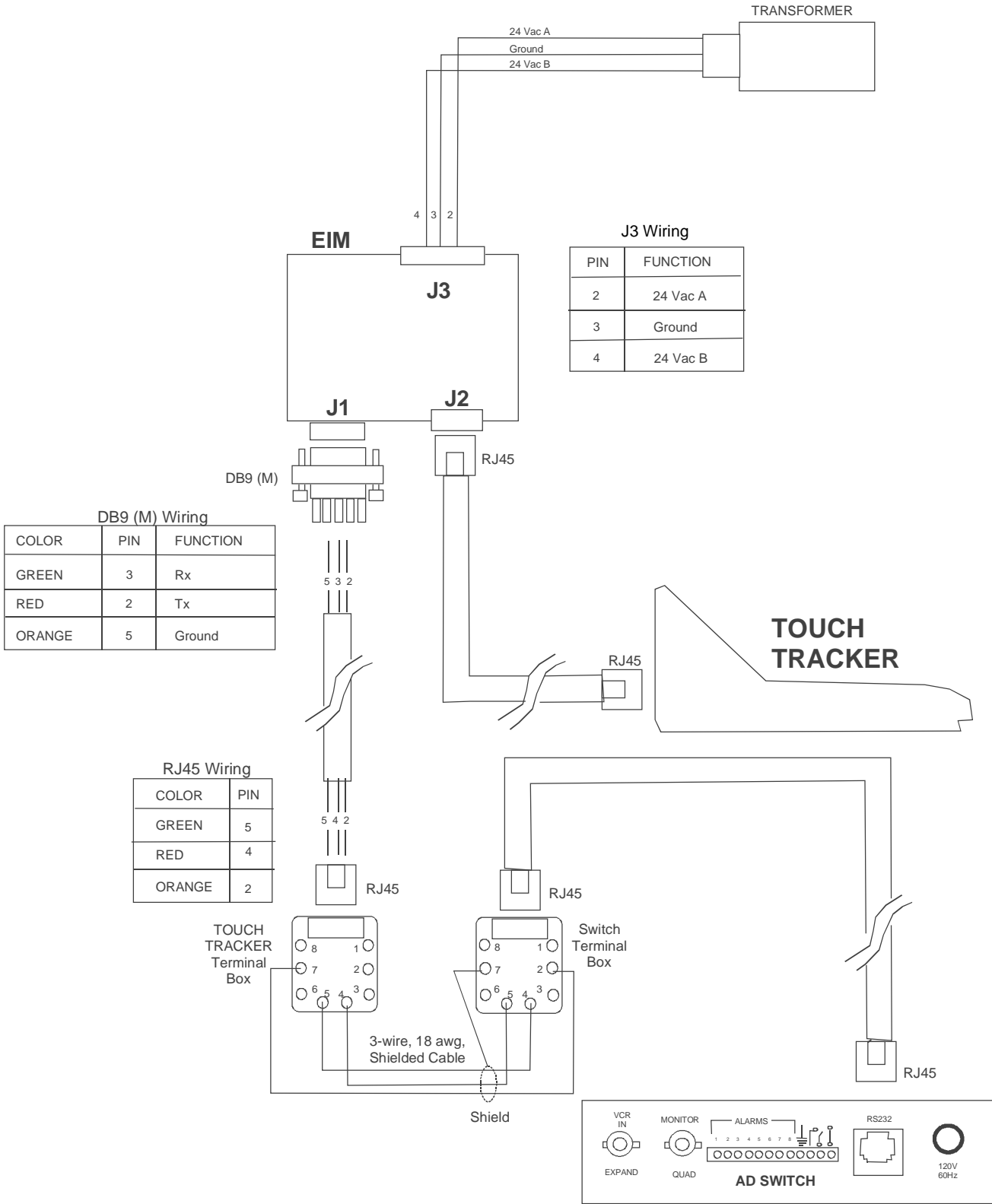
AD TOUCH TRACKER Installation Instructions

FOR CONNECTIONS LESS THAN OR EQUAL TO 4M (14 FT)



AD TOUCH TRACKER Installation Instructions

FOR CONNECTIONS GREATER THAN 4M (14 FT)



AD TOUCH TRACKER Installation Instructions

Setting the Baud Rate

The AD TOUCH TRACKER supports four baud rates: 1200, 2400, 4800, and 9600 baud. The default setting for the baud rate is 1200.

Note: The TOUCH TRACKER will not operate if you set the baud rate incorrectly. Be sure that the baud rates for the TOUCH TRACKER and switch are set to the same value.

1. Use the number buttons to enter the baud rate (1200, 2400, 4800 or 9600).
2. Press **F1** (located to left of the LCD).

No prompts appear on the screen to inform you that the baud rate has been changed.

Tracker Ball Calibration

1. Press the **Calibrate** button.

The following message appears on the LCD:

Push Tracker Ball Left

2. Push the Tracker Ball to the left.

The following message appears on the LCD:

Push Tracker Ball Right

3. Push the Tracker Ball to the right.

The following message appears on the LCD:

Push Tracker Ball Down

4. Push the Tracker Ball towards you.

The following message appears on the LCD:

Push Tracker Ball Up

5. Push the Tracker Ball away from you.

The following message appears on the LCD:

Release Tracker Ball

6. Release the Tracker Ball.

Calibration is complete.

Displaying Calibration Values

1. Use the number buttons to enter **34**, then press **Calibrate**.

Information similar to the following will appear on the LCD:

```
LD2  R00  UD6  D9D
 10   10   10   10
```

2. Press **LCD Clear** to refresh the LCD.

Selecting LCD Language

The TOUCH TRACKER supports a number of different languages including:

- English
- French
- German
- Italian
- Portuguese
- Spanish

To change the language of prompts appearing on the LCD, do the following:

1. Use the number buttons to enter **35**, then press **Calibrate**.
2. Use the **Next** button to scroll through the available languages.
3. Press **Ack (Enter)** when the correct language appears on the LCD.

The TOUCH TRACKER resets. All future messages on the LCD will appear in the selected language.

Displaying the Firmware Version

1. Use the number buttons to enter **100**, then press **F1**.

The firmware information appears on the LCD.

```
F  0701-2490-0100
E  0701-2491-0100
```

The information appearing after the "F" is the Flash version.

The information appearing after the "E" is the EEPROM version.

2. Press **LCD Clear** to refresh the LCD.