Device Connection Diagram

Connection Recommendations

1. **USB Mass Storage Device**
   - Device can be directly connected to T8-R2 USB 1.1/2.0 connector

2. **External USB Disk Drive**
   - Use the appropriate cable for the USB drive that will be imaged

3. **Media Cards**
   - Connect appropriate media reader to T8-R2 USB 1.1/2.0 connector
   - Insert media card into the appropriate slot

4. **Host Connection**
   - TC7-6-6 FireWire cable
   - TC8 USB cable

5. **Power (DC In)**
   - TP2 cable
     - (5-pin DIN)

Step-by-Step Installation

1. **Power DC In**
   - Connect TP2 power supply to the DC IN port

2. **Confirm T8-R2 is powered OFF**
   - Verify Power LED is OFF

3a. **USB Mass Storage Device**
   - Plug USB device into the USB 1.1/2.0 connector

3b. **External USB Disk Drive**
   - Using appropriate USB cable, connect the external drive to the T8-R2 USB 1.1/2.0 connector
   - Supply drive power by connecting appropriate external power supply to USB disk drive

3c. **Media Cards**
   - Plug media card reader into the T8-R2 USB 1.1/2.0 connector
   - Insert media card into the appropriate slot

4. **Host Computer Interface**
   - Connect host to T8-R2 using ONE of the USB 2.0 or FireWire 400 connectors

Disconnecting the Subject Drive

Prior to disconnecting either the Tableau T8-R2 or the subject drive, issue the appropriate OS command to ensure that all current or pending transfer operations are completed.

Write Blocked Only Operation

The T8-R2 is permanently factory configured for read-only (write blocked) operation.

LCD Display Operations

The Menu and Enter buttons are used to select information that is viewable on the T8-R2 LCD display.

- **Menu**: Advances the LCD to the next main menu screen
- **Enter**: Advances the LCD to the first/next informational screen for that menu item

Information Viewable via the LCD

- **Power On/Initialization Information**
- **Main Menu**
- **USB Subject Device Info**: Scrollable displays which provide information about the connected USB subject device
- **USB Technical Info**: Scrollable displays which present information useful when troubleshooting USB devices that are not properly recognized by the T8-R2
- **T8-R2 Bridge Info**: Scrollable displays which provide information about the specific T8-R2 USB bridge presently in use

Additional Information

Detailed information regarding the operational use of the T8-R2 LCD display is available in the T8-R2 Forensic USB Bridge – LCD user guide, located in the document library at www.tableau.com/t8-r2

External USB Drives

When connecting external USB disk drives to the T8-R2, use the appropriate, separate drive power supply to properly power the device.

LCD Indicators

- **DC Power In**: Steady illumination: DC IN source power available
- **Host Detect**: Steady illumination: Host computer system connected
- **T8-R2 Power Switch**
  - **Power**: Steady illumination: Bridge is turned on
  - **Write Block**: Steady illumination: Read-only operation
  - Flashing illumination: Attempted write operation (FireWire host connections only)
  - **Activity**: Indicates subject drive activity
- **Device Detect**: Flashing illumination: Waiting for USB device
  - Steady illumination: Subject USB device ready

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