

DPS 8020 Linker

The **DPS 8020 Linker** is a hand held, self powered ETD and HTD arming and testing device. Only 2 lbs., 8 ½" x 4 ½" x 3", this portable device will arm an ETD to an HTD, quickly diagnose and differentiate between ETD/HTD failures, and monitor ETD and HTD and Repeater traffic. It now features a **Responder Mode** which allows for a quick diagnosis of whether the ETD or HTD is at fault in the event of a No-Comm, reducing the length of train delays.

Features:

- Test modes include the following:
 1. **Responder** - Quick diagnosis of failures – ETD or HTD
 2. **Link** - Link an HTD to a specified ETD ID#
 3. **Test ETD** - Test ETD functions – comm and dump
 4. **Test HTD** - Test operational features of HTD's
 5. **Monitor ETD Comms** - Monitors ALL ETD comms or up to 10 specific ETDs
 6. **Monitor HTD Comms** - Monitors ALL HTD Comms
 7. **Repeater Test** - Tests Repeaters
- Simple troubleshooting of HTDs and ETDs
- Advanced electronics circuitry
- Extensive data logging capability - 2 GB
- Includes both AC wall charger and DC car charger
- Convenient and rugged handheld design with durable harness for easy carrying
- Battery Life – 24 hours of operation, recharges in under 1 hour



DPS 8020 Linker Product Uses – Examples

First Responder:

- Use the Linker to determine if HTD/ETD no comm is the fault of the ETD or the HTD to significantly reduce train delays

Telecomm Personal/Repair Facilities:

- Test ETDs
- Test HTDs
- Test HTD/ETD Repeater functionality
- Monitor ETD or HTD comm traffic (setup one unit for each)
 - Later look at the log files, to help determine causes of incidents like ETD's dumping air when undesired.

Yard Masters/Car Foreman:

- Monitor status of all ETDs in the yard, or up to ten specific ETDs

Diesel Shops:

- Setup a Linker as a dedicated HTD tester with auto arming
 - Put them all on the same ETD ID (99999), so train crews can conduct a quick status check of the HTDs

Carman:

- Allows a single user to arm the HTD to the ETD on their own
- Use the Linker to determine if an HTD/ETD comm failure is a fault of the ETD or the HTD
- Test ETDs and HTDs for service return or for operational readiness

