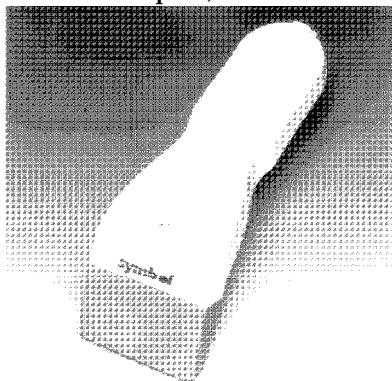# *Chapter 1*
Setting Up the LT 1850

Overview

LT 1850 provides the best all-around close range scanning performance, reliability, and value available. Its physical design, which combines a lightweight yet solid feel with excellent ergonomics for scanning, ensures comfortable use.

The LT 1850 hand-held scanner is based on the Visible Laser Diode (VLD) as a light source. Combined with our surface mount technology and patented resonating harmonic scan element, this state-of-the-art scanner provides solid state dependability. When you add this scanner to your system, you add efficient, reliable bar code reading capability.

Laser performance gives you accuracy and faster read rates on virtually any bar code substrate, including colors.

The LT 1850 is compatible with a variety of POS terminals with OCIA (Optically Coupled Interface Adapter) interfaces.

The LT 1850 weighs 6.0 ounces (170 gm) without the cable and is made from a durable, flame retardant plastic.

Set Up

Unpacking

Remove the LT 1850 from its packing and inspect it for damage. If the scanner was damaged in transit, call the Symbol Support Center at one of the telephone numbers listed on *Symbol Support Center* on page ii. **KEEP THE PACKING**. It is the approved shipping container and should be used if you ever need to return your equipment for servicing.

Connecting Your LS 1850

Before connecting the scanner, power down the POS terminal.

- Plug the host connector end of the scanner cable into the appropriate port in the host device.
- Connect the power supply, if required for your configuration. The scanner cable has a power supply input receptacle on the side of the host connector. Insert the power supply connector into this receptacle. Then plug the other end of the cable into an appropriate AC outlet.
- Power up the host terminal. Your LT 1850 is ready to scan as soon as you pull the trigger.

LT 1850

**Any Host Device
Having OCIA
Interface Port**

**Host
Connector**

Cable

**Power Supply
(As Required)**

Typical System Configuration