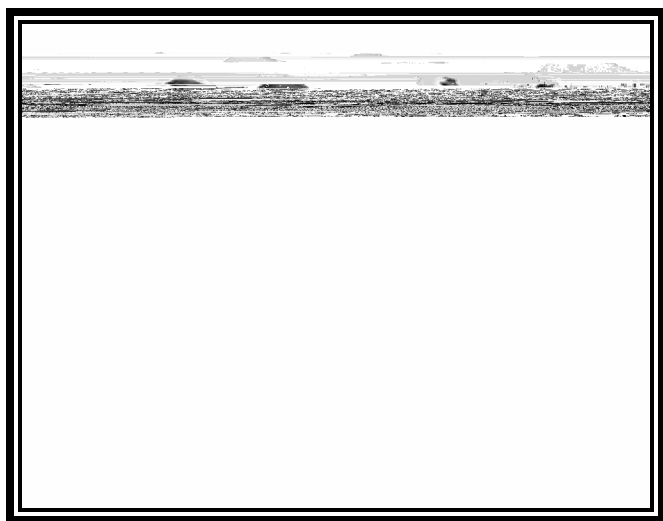


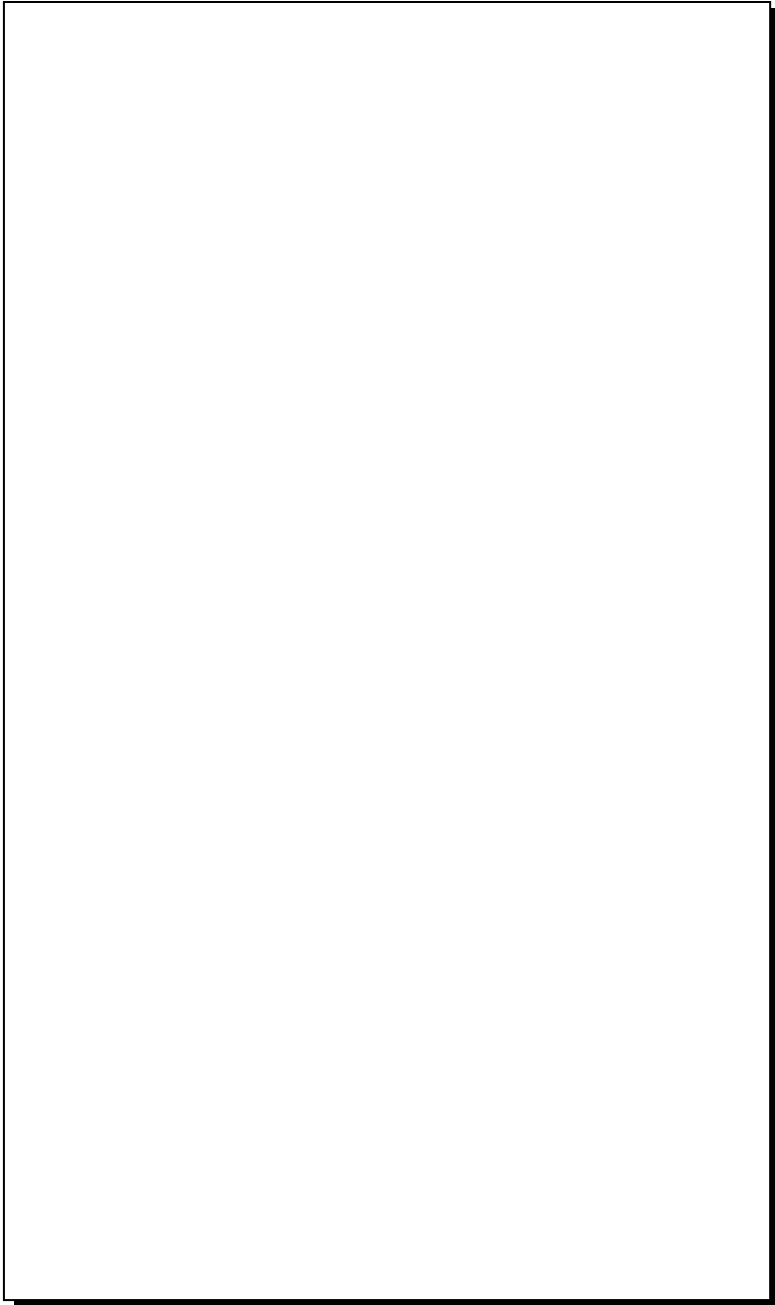


552 SPECTROPHOTOMETER



Operator's Manual





CAUTION: Operational hazard exists if battery chargers other than X-Rite SE30-81 (115V) or SE30-77 (100-240V) are used. Use only X-Rite battery pack SE15-26, other types may burst causing personal injury.

VORSICHT: Betriebs- und Verletzungsgefahr besteht bei Gebrauch von anderen Adaptern als X-Rite SE30-81 (115 V) oder SE30-77 (100-240 V). Verwenden Sie nur den X-Rite Akkupack SE15-26.

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Proprietary Notice

The information contained in this manual is derived from patent and proprietary data of X-Rite, Incorporated. This manual has been prepared solely for the purpose of assisting in the use and general maintenance of this instrument.

Overview and Setup

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Applying Power

The Battery switch—located on the bottom of the

To attach the AC adapter:

1. Verify that the voltage indicated on the adapter complies with the AC line voltage in your area. If not, contact X-Rite or an authorized representative.
2. Insert the small plug from the adapter into the power-input

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Opening a Mode or Menu

To open the editor:

1.

Important Measurement Techniques

The variety of items that the instrument can measure is almost

Instrument Calibration

Calibration Procedure

A calibration procedure consists of a white measurement. The instrument notifies you when a calibration is required.

To perform a calibration:

1. At the Calibration screen, press π -> Calibrate -> [At the] -> Target (At the) -> 4.5 -> Ind (At the) -> 4.5 (:) -> Tj0 -> 1.1400.0013 -> T150.0

To access the measure mode:

If not already in the measure mode, use the Tab Up \$ or Tab



INSTRUMENT OPERATIONS

NOTE: Highlighting RESET and pressing the Enter # key will set the Averages number to zero. This allows you to collect new measurement data on the current sample.

6.

2. After lighting is selected, press the Tab Down @

Measure Mode with Fandecks and Storage

When fandecks are used in conjunction with the storage, measured sample are stored

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Active Illum/Obs

NOTE: The illum/obs can only be adjusted before any fandecks are loaded into the instrument.

2.5-7

2. Press the Enter # key to open the Delete Samples window.
3. Use the Tab \$@ keys to highlight **Yes** and press the Enter # key. The instrument's samples are now deleted.

Clear all Locations

To clear all locations:

1. Use the Tab \$@ keys to highlight **Clear all Locations**.

```
| Database Tools |
| Add Location Name... |
| Add Sample Name... |
```

INSTRUMENT CONFIGURATION

2. Press and hold the read switch on the bottom of the instrument as you turn the instrument on with the battery switch.
- 3.

Cleaning the Calibration Reference

Carefully clean the reference and white ceramic disk with a dry, lint-free cloth. Do not use solvents or cleaners of any kind.

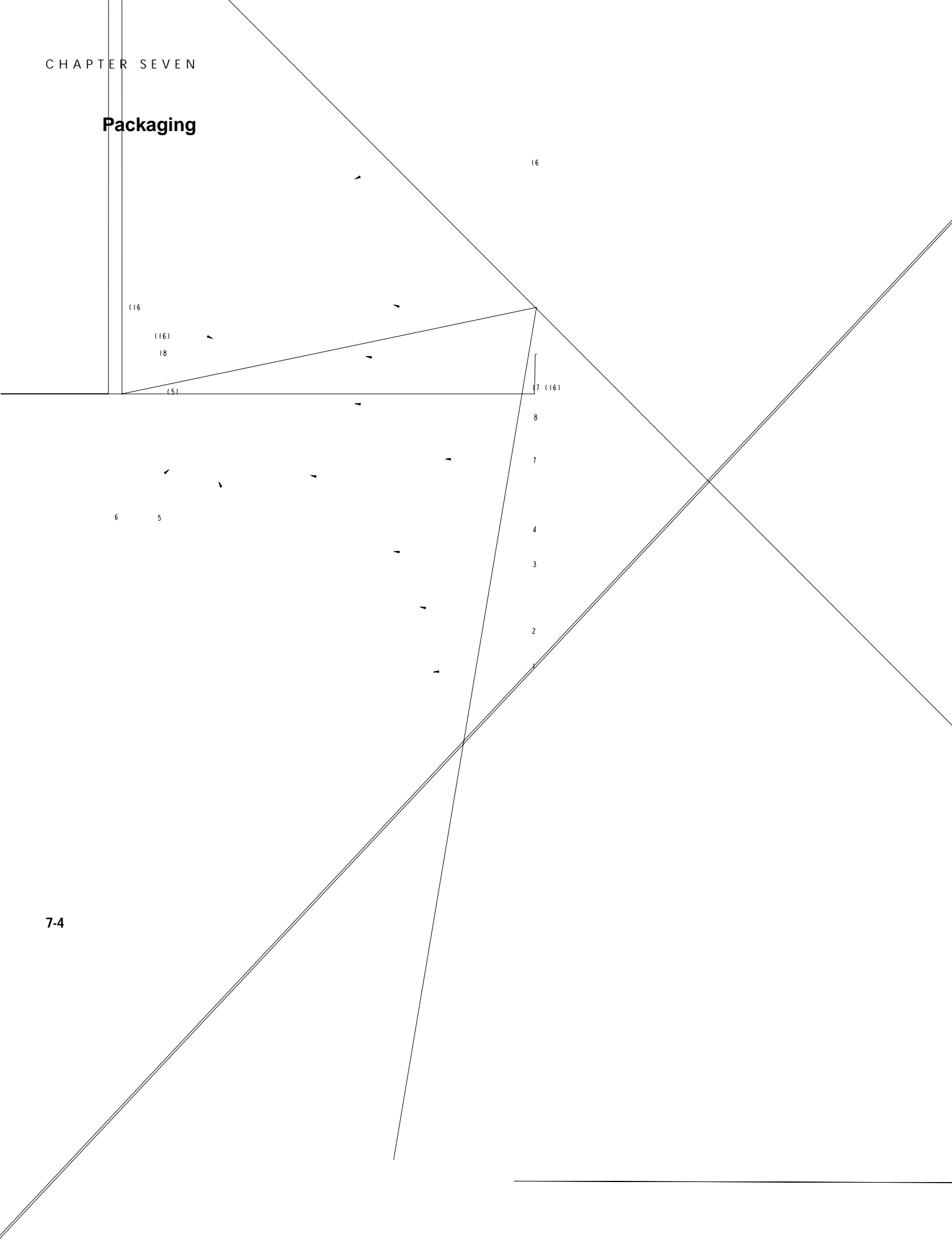
Make sure to store the calibration reference in a dry, dust free area, away from direct exposure to light.

Replacing the Battery Pack

1. Rotate the shoe stop 90° and carefully turn the instrument over. This allows the shoe to open perpendicular to the instrument housing. 1.

Parts List

Packaging



X-Rite, Incorporated—World Headquarters

P/N 552-500 Rev. B-7/2/02