

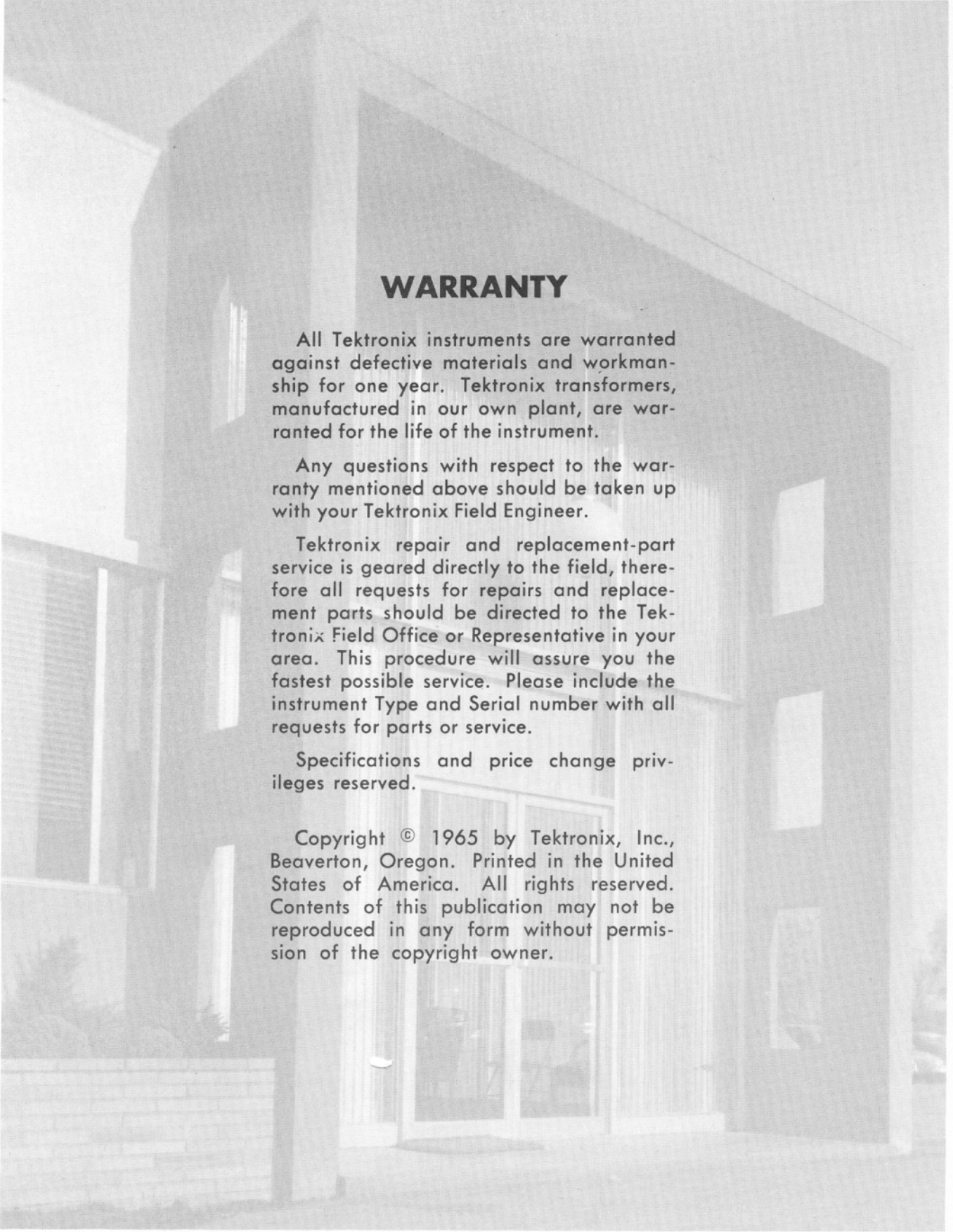
INSTRUCTION MANUAL

Serial Number _____

TYPE 453
OSCILLOSCOPE

Tektronix, Inc.

S.W. Millikan Way • P. O. Box 500 • Beaverton, Oregon 97005 • Phone 644-0161 • Cables: Tektronix
070-0478-00



WARRANTY

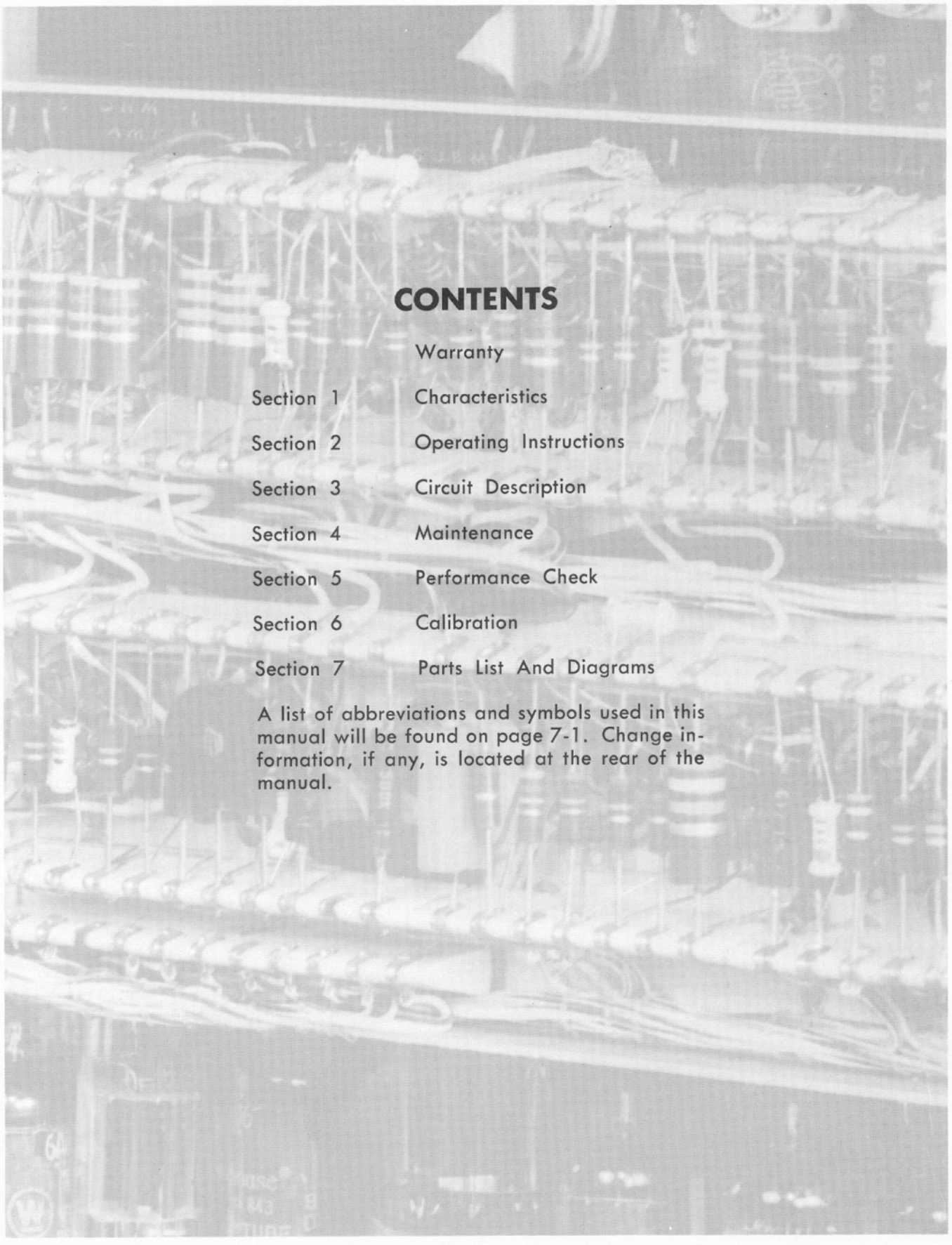
All Tektronix instruments are warranted against defective materials and workmanship for one year. Tektronix transformers, manufactured in our own plant, are warranted for the life of the instrument.

Any questions with respect to the warranty mentioned above should be taken up with your Tektronix Field Engineer.

Tektronix repair and replacement-part service is geared directly to the field, therefore all requests for repairs and replacement parts should be directed to the Tektronix Field Office or Representative in your area. This procedure will assure you the fastest possible service. Please include the instrument Type and Serial number with all requests for parts or service.

Specifications and price change privileges reserved.

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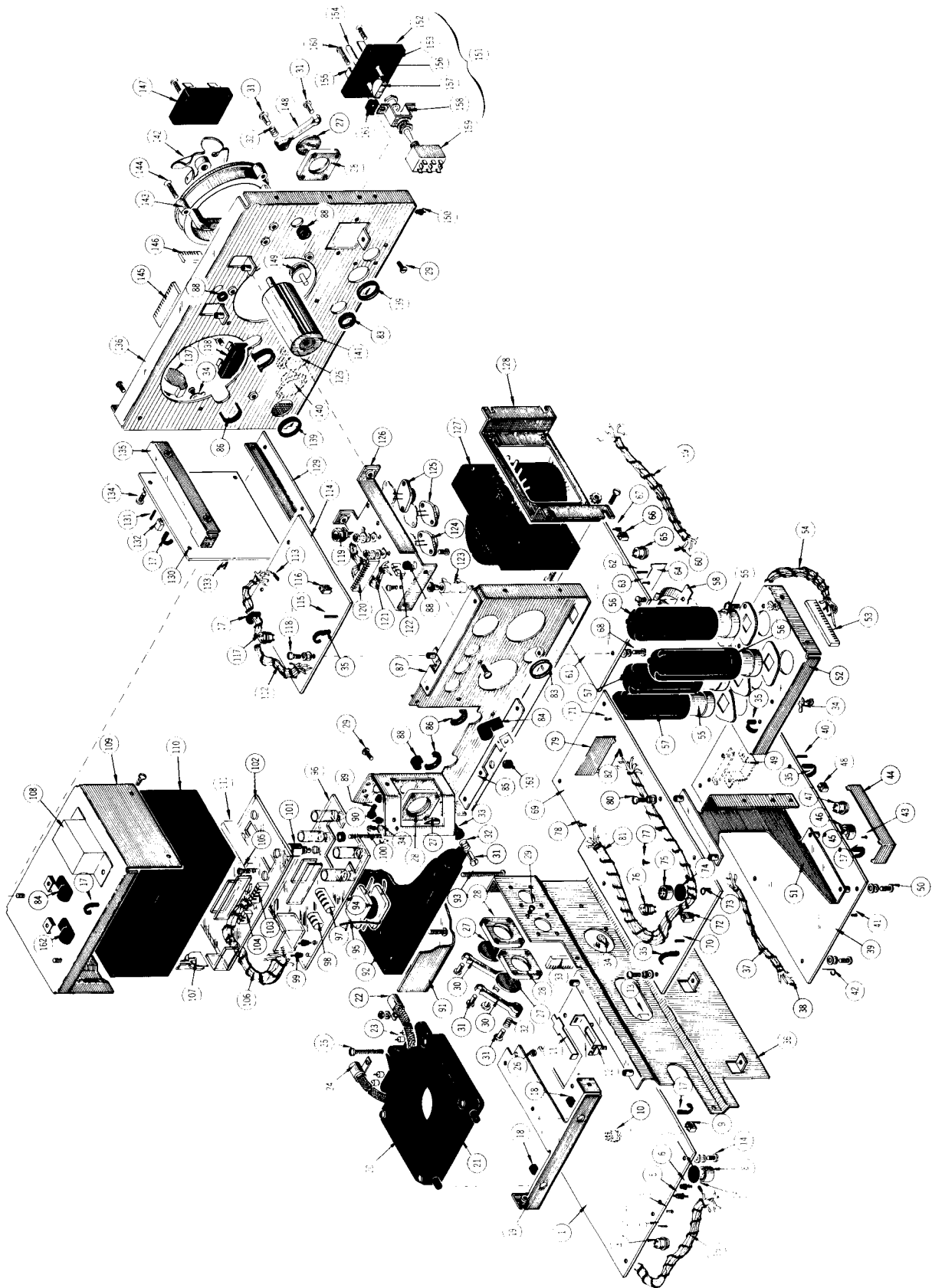
CONTENTS

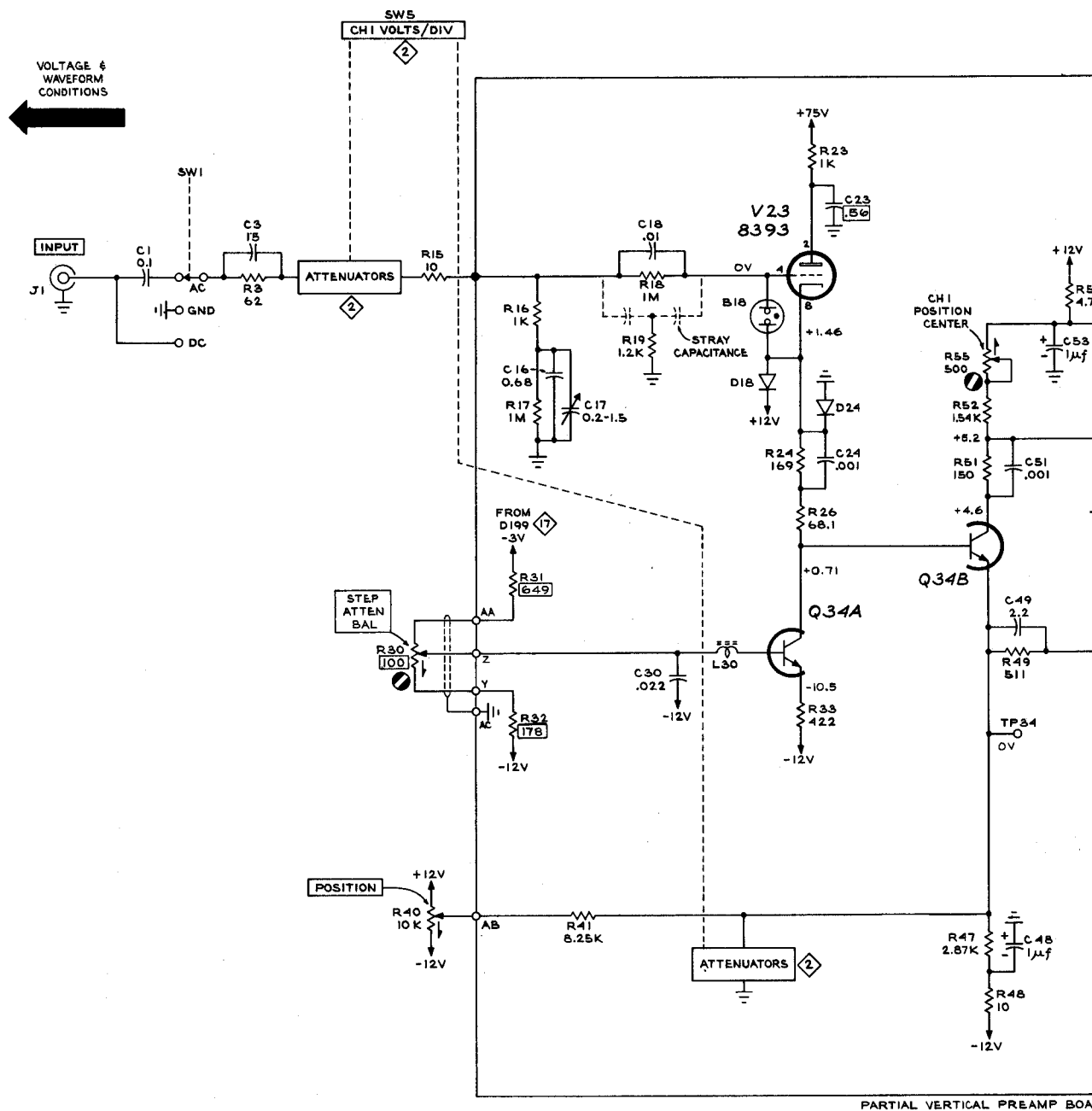
Warranty

- | | |
|-----------|-------------------------|
| Section 1 | Characteristics |
| Section 2 | Operating Instructions |
| Section 3 | Circuit Description |
| Section 4 | Maintenance |
| Section 5 | Performance Check |
| Section 6 | Calibration |
| Section 7 | Parts List And Diagrams |

A list of abbreviations and symbols used in this manual will be found on page 7-1. Change information, if any, is located at the rear of the manual.

CHASSIS





PARTIAL VERTICAL PREAMP BOARD

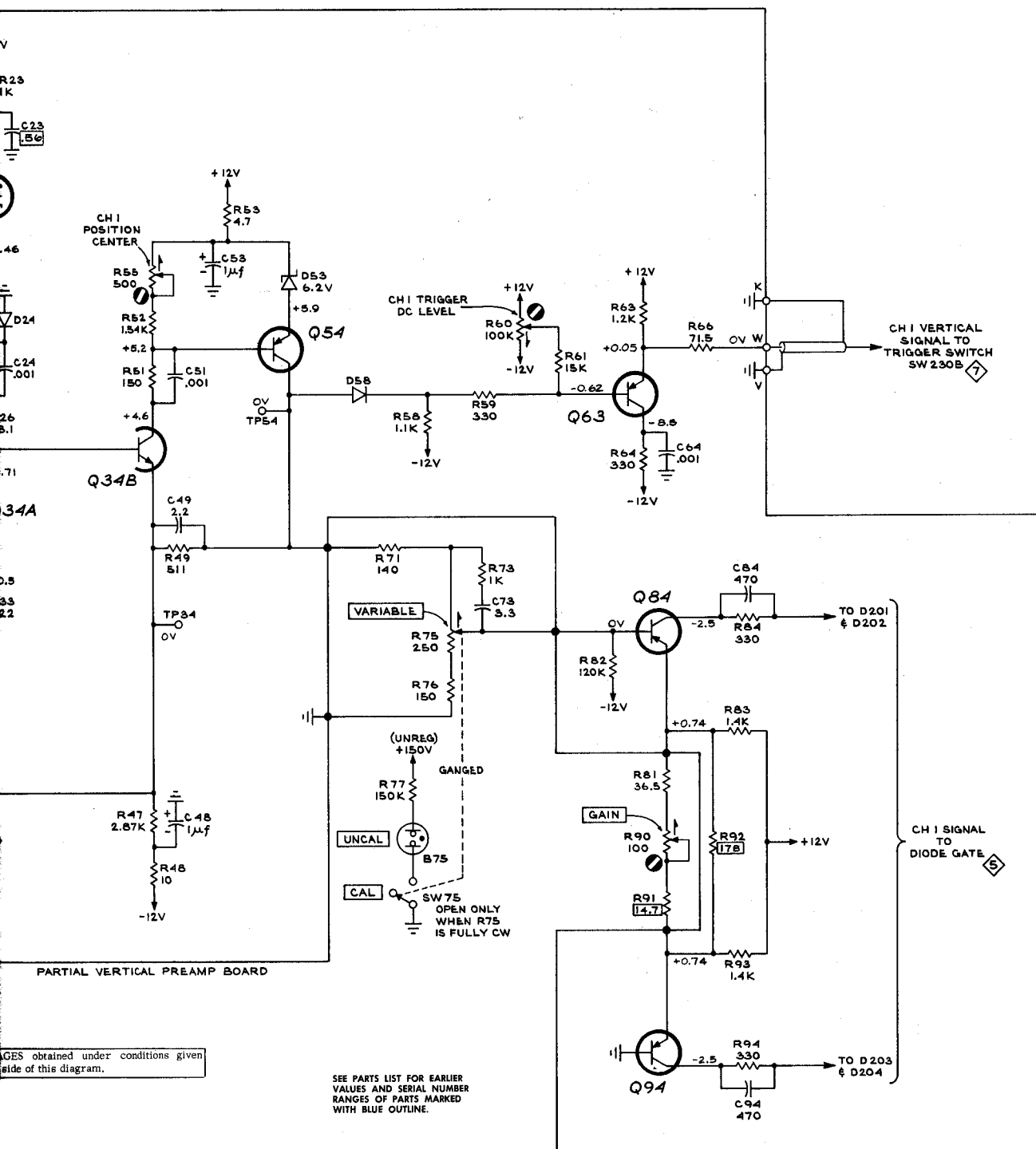
REFERENCE DIAGRAM

- 2 CH 1 ATTENUATORS
- 3 CH 2 VERTICAL PREAMP
- 5 VERTICAL SWITCHING
- 7 TRIGGER PREAMP
- 17 POWER SUPPLY & DISTRIBUTION

SEE PARTS LIST FOR SEMICONDUCTOR TYPES

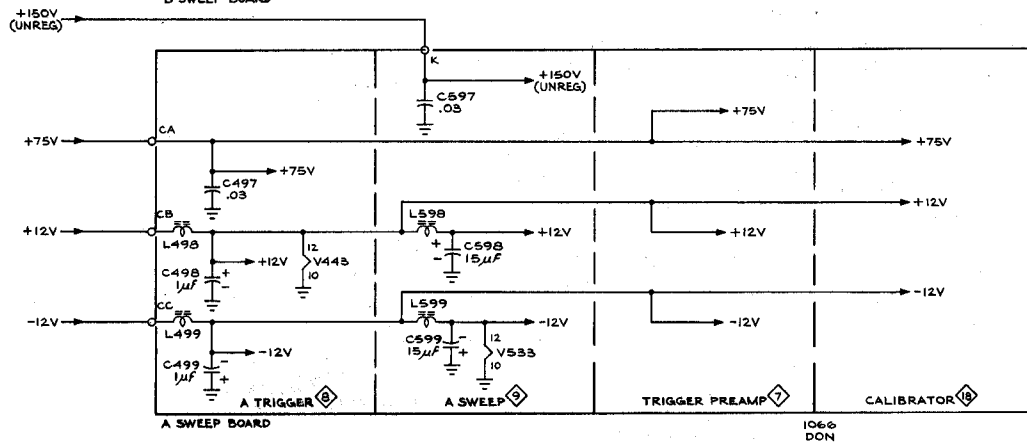
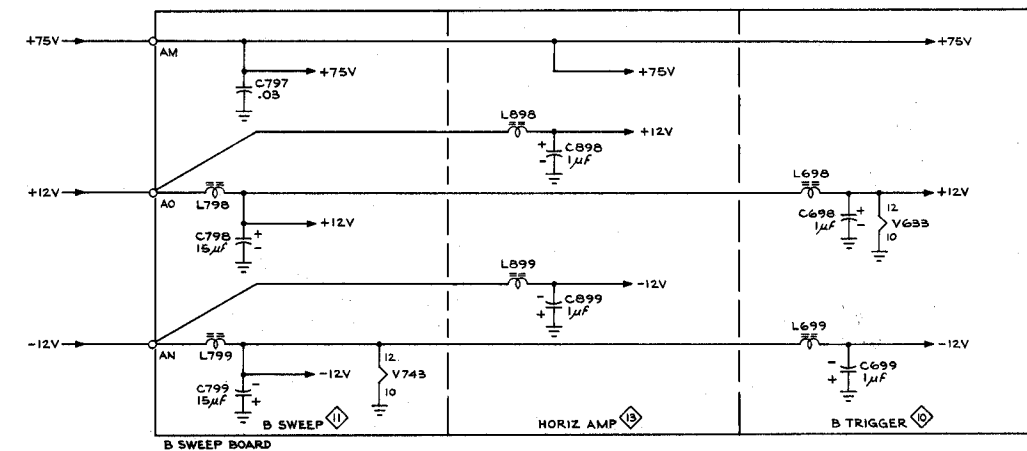
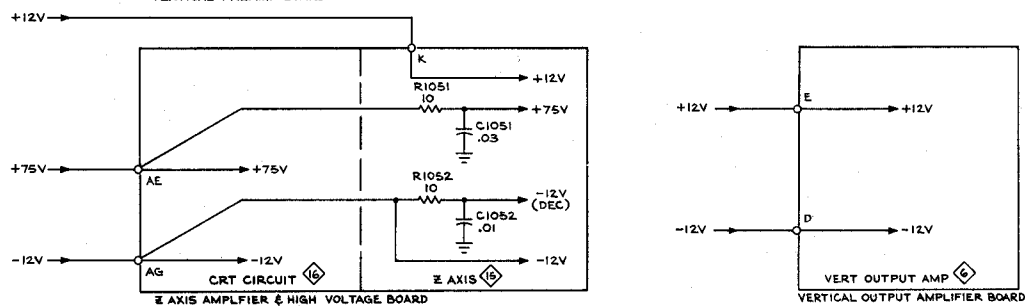
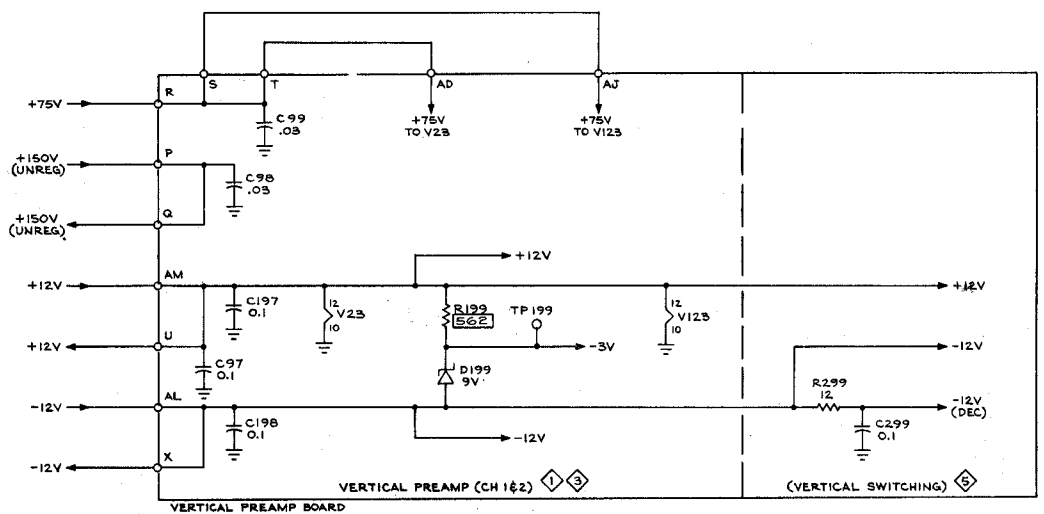
FOR DECOUPLING NETWORKS & VOLTAGE DISTRIBUTION SEE 17

VOLTAGES obtained under conditions given on left side of this diagram.



CMD
167

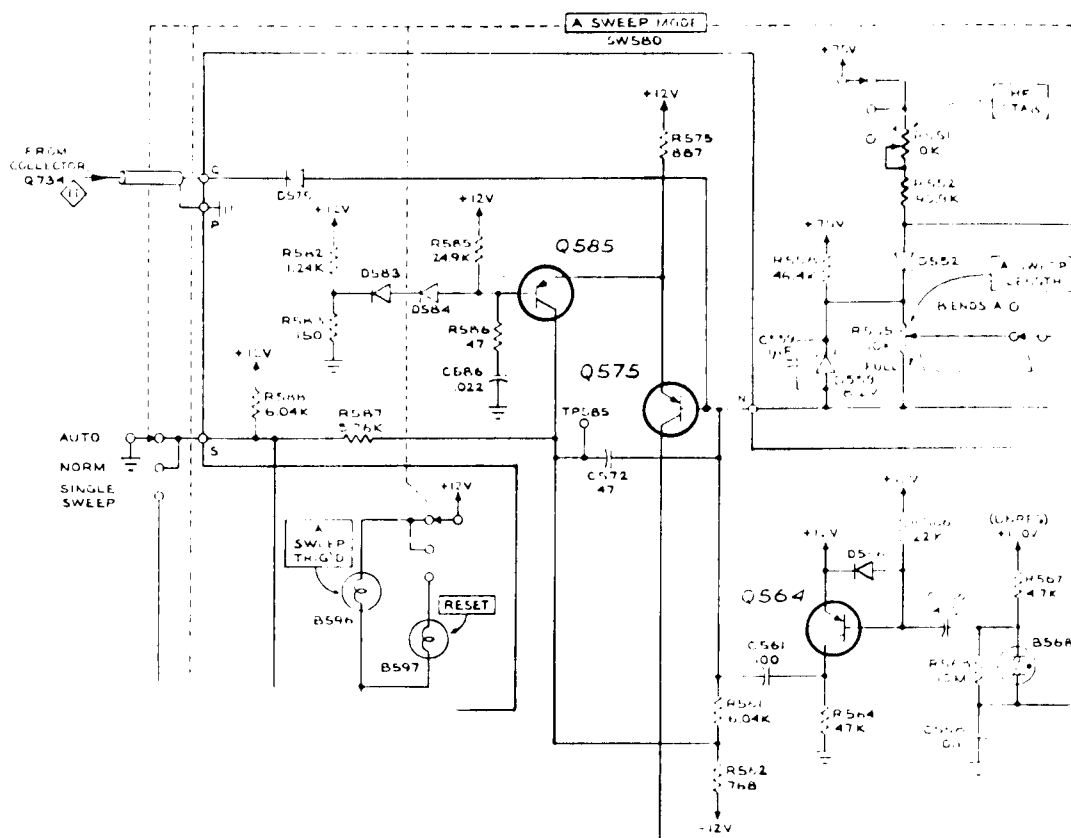
CH I VERTICAL PREAMP



POWER SUPPLY & DISTRIBUTION 17

TYPE 453

SCHEMATIC CORRECTION



PARTIAL A SWEEP GENERATOR

TYPE 453/R453

PARTS LIST CORRECTION

CHANGE TO:

R774

315-0102-00

1 KQ

1/4 W

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