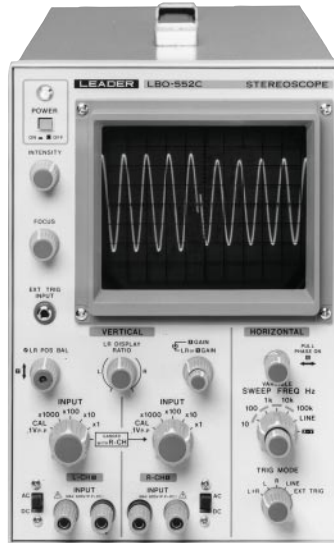


**10 MHz/20 mV, Lissajous Figure**

**CE**  
Upon request



**LBO-552C STEREOSCOPE**

**● GENERAL**

The LBO-552C is a 130 mm Stereoscope specially adapted for observing waveforms in stereo circuits. It is a dual-trace type in which two waveforms, left and right signals, are displayed side by side. This feature permits instant comparison of amplitudes and phases for balance adjustments. Indispensable when checking stereo equipments, tape recorders, amplifiers, receives in manufacturing plants and in service shops.

**● FEATURES**

- Two input signals in the same range can be adjusted with a common gain control.
- Azimuth adjustments of the magnetic head in a tape recorder can be easily performed.
- Close inspection can be made for L and R inputs by "sliding" the waveforms to either side.
- X-Y operation requires only one switch setting; no tedious reconnections and switching operations are needed.
- The waveform to be measured automatically stays static, since the trigger sweep circuit is employed.
- Parasitic oscillation of an audio amplifier can be readily observed, because the vertical axis has a wide band of 10 MHz.

**● SPECIFICATIONS**

**CRT**

- Type:** 130BXB31
- Accelerating Potential:** 1350 V
- Effective Display Area:** 8 x 10 div (1 div=10 mm)
- Intensity Modulation:** 10 Vp-p or more

**Vertical Axis (L and R channels)**

- Sensitivity:** 20 mVp-p/div or more
- Balancing Error for L and R Channels:** ±3 %
- Bandwidth:** DC: DC to 10 MHz, -3 dB, 4 div ref.  
AC: 2 Hz to 10 MHz, -3 dB, 4 div ref.
- Input Impedance:** 1 MΩ, 47 pF or less
- Input Control:** x1, x10, x100, x1000, 4 ranges separate or L ganged with R
- Calibration Voltage:** 0.1 Vp-p at line frequency
- Waveform Switching:** Left and right at respective sides on a common base line

**X Axis (R-CH input at X-Y operation)**

- Sensitivity:** 20 mVp-p/div or more
- Input Control:** Same as for the R channel, 4 ranges with continuous adjuster
- Bandwidth:** DC: DC to 1 MHz, -3 dB  
AC: 2 Hz to 1 MHz, -3 dB
- Input Impedance:** 1 MΩ, 47 pF or less
- Calibration Voltage:** 0.1 Vp-p at line frequency
- X-Y Phase:** Less than 2 ° at 20 kHz  
Less than 8 ° at 100 kHz

**Time Base**

- Sweep Frequency:** 10 Hz to 100 kHz, 4 ranges trigger, line and external sweep
- Synchronization:** L + R, L, R, LINE, EXT, TRIG automatic type

**Environmental Conditions**

- Operating Temperature:** 0 to 40 °C
- Operating Humidity:** ≤ 90 % RH (without condensation)
- Spec-Guaranteed Temperature:** 10 to 35 °C
- Spec-Guaranteed Humidity:** ≤ 80 % RH (without condensation)
- Operating Environment:** Indoor use
- Operating Altitude:** up to 2,000m
- Overvoltage Category:** 2
- Pollution degree:** 2

- Power Requirements:** 100, 120, 200, 220, 240 VAC (250 Vmax.), 50/60 Hz, 20 W

- Dimensions and Weight:** 175 (W) x 250 (H) x 375 (D) mm, 7.2 kg

- Accessories:** Instruction manual ..... 1