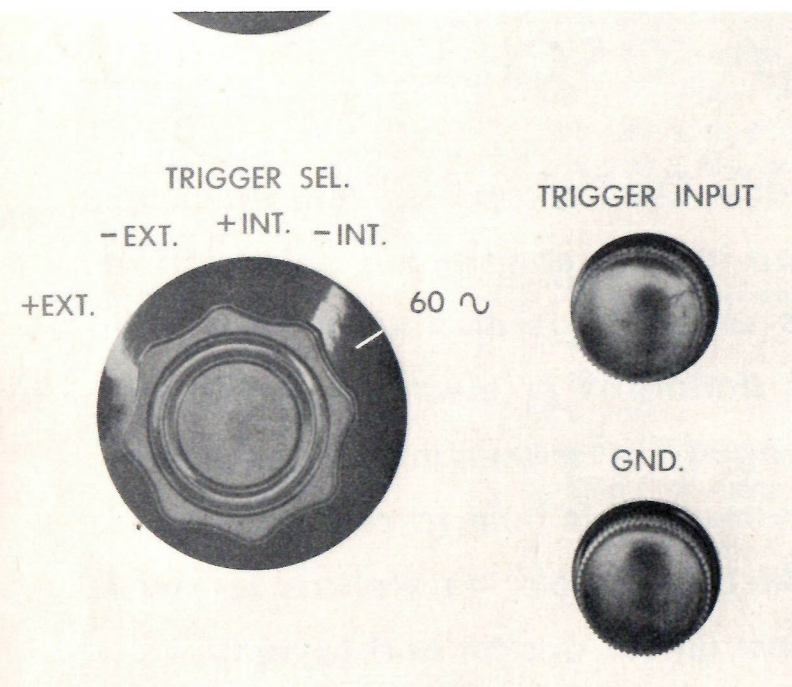


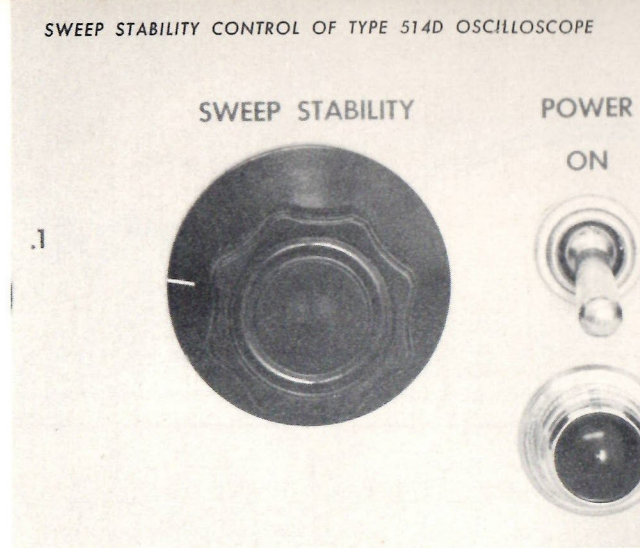
VOLTAGE CALIBRATOR OF TYPE 514D OSCILLOSCOPE

AMPLITUDE CALIBRATION — Every Tektronix Oscilloscope contains a built-in voltage calibrator which provides an amplitude measuring facility. According to the type of instrument, the calibrating waveform consists of a 60 cycle sine wave, 60 cycle square wave, or a 1 kc or 10 kc multivibrator controlled square wave.

TRIGGER SELECTION — A multi-position switch, mounted on the front panel of Tektronix Oscilloscopes, permits the instrument to be triggered from an observed signal or an external source of negative or positive polarity, or from the 60 cycle line voltage.



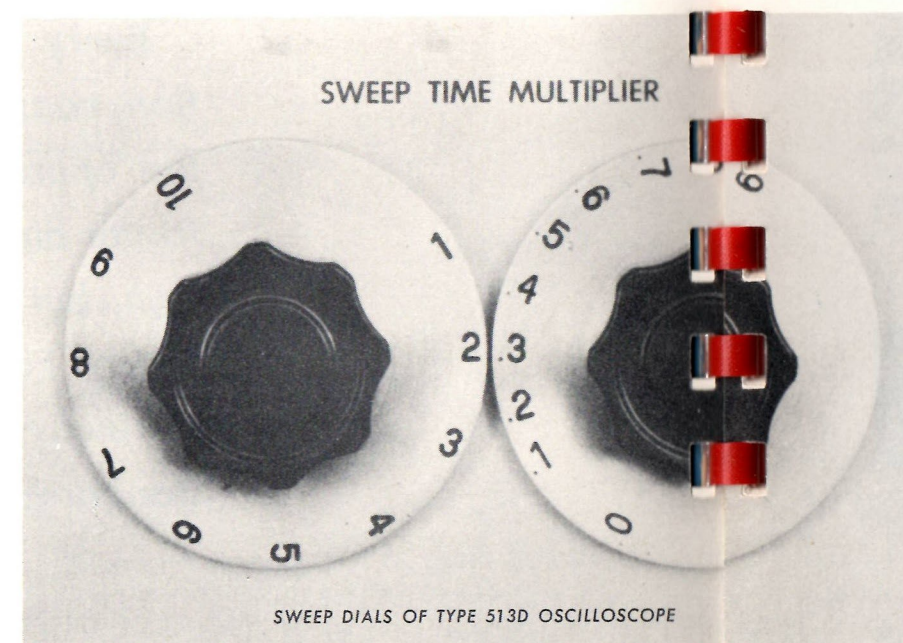
TRIGGER SELECTOR OF TYPE 511AD OSCILLOSCOPE



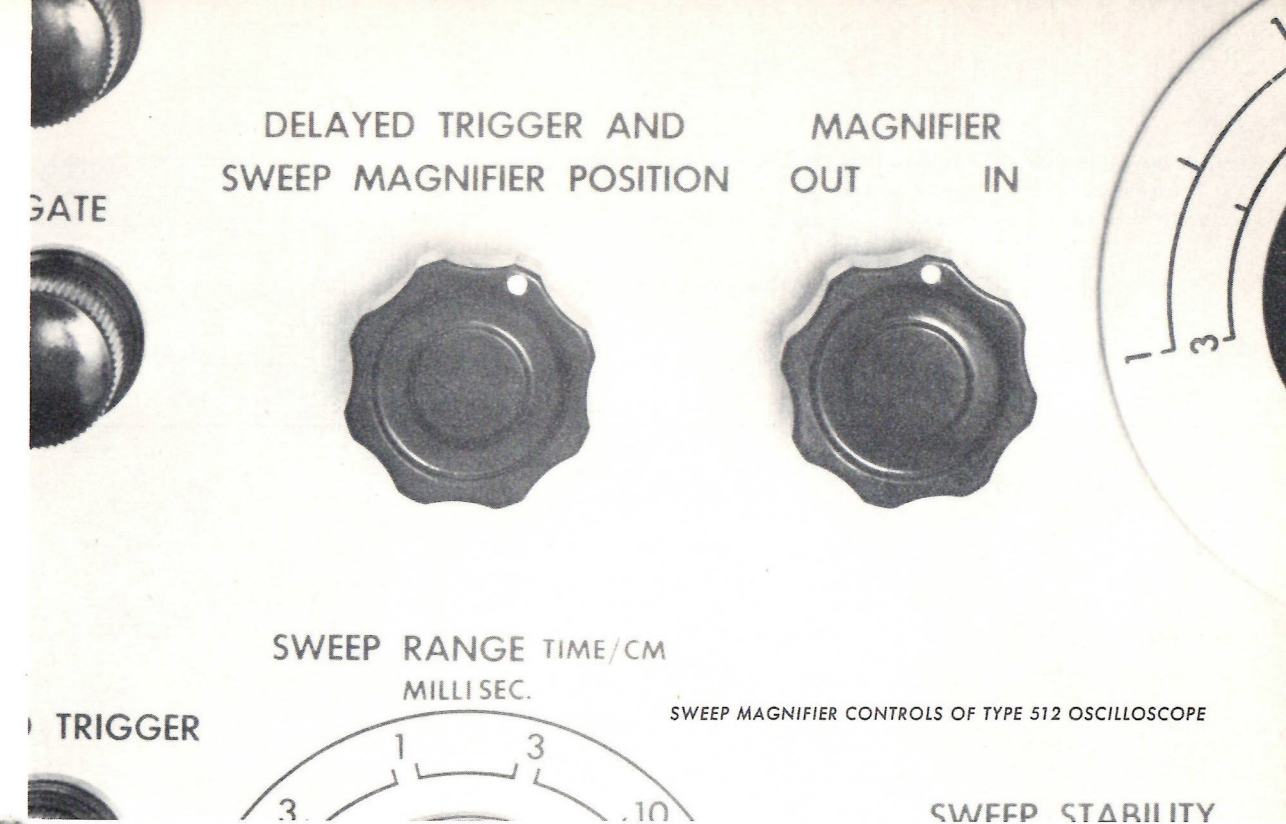
SWEEP OPERATION — A simple adjustment of a single control is sufficient to observe a phenomenon which occurs only once, takes place at irregular intervals or recurs with unerring precision. The setting of the sweep stability control determines whether the sweep generator is triggered into operation or is "free-running."

FINGERTIP CONTROL

DIRECT READING SWEEP DIALS — Any "time of occurrence" data, required when measuring an observed waveform, is very simply obtained with Tektronix Oscilloscopes. The sweep indicator dials are calibrated directly in "time/unit distance," and one has only to refer to the illuminated graticule markings to measure the time intervals desired.



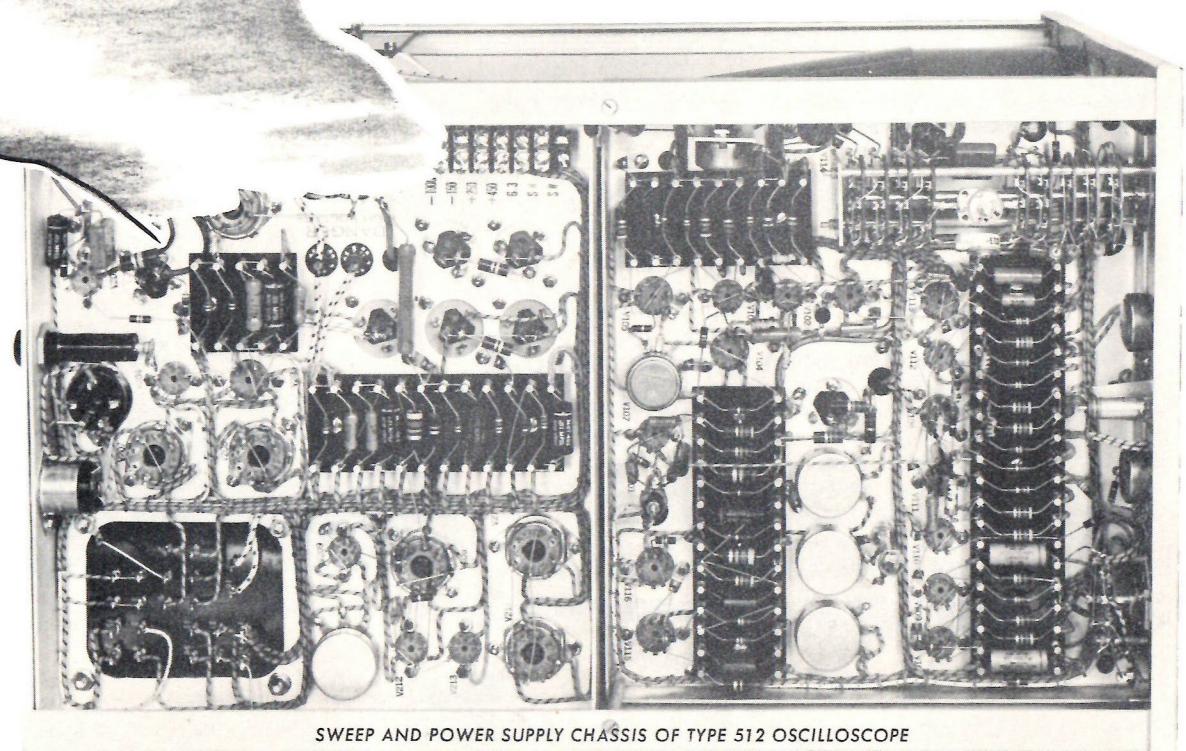
SWEEP DIALS OF TYPE 513D OSCILLOSCOPE



SWEEP MAGNIFIER CONTROLS OF TYPE 512 OSCILLOSCOPE

SWEEP MAGNIFICATION — To aid in determining the characteristics of a circuit, detailed scrutiny of certain portions of a waveform is sometimes necessary. Tektronix Oscilloscopes simplify this type of observation with a Sweep Magnifier Control, which enables any 20% of the sweep to be examined at a magnification of 5 times.

MAINTENANCE — Ease of maintenance is a prime consideration in the design and construction of a Tektronix Oscilloscope. Components are mounted on boards, leads are fully color-coded, all component parts and connections are exposed as much as possible and every effort is made to make the interior of the instruments accessible to the technician.



SWEEP AND POWER SUPPLY CHASSIS OF TYPE 512 OSCILLOSCOPE