

CUSTOM MODIFIED PRODUCTS

PRODUCT	MOD	DESCRIPTION
464	WX	The FAST mode minimum writing speed is increased from 110 div/us to 300 div/us as measured over the center 6 x 8 div (5.4 x 7.2 cm) of the special crt. All other standard 464 crt performance characteristics remain the same.
464	005-0131-00 Rock Adapter	This insert describes the special features of the 005-0131-00 as applies to the Tektronix 464 and 465 osc. The rackmounting instructions also apply to both the 464 and 465, with the exceptions of the dimensional drawings.

TEKTRONIX®

This insert is provided as a supplement to the instruction manual furnished with this modified instrument. The information given in this insert supersedes that given in the manual.

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464

MOD WX

MODIFICATION INSERT

464
MOD WX

This manual insert describes MOD WX as it applies to the TEKTRONIX 464 Storage Oscilloscope.

The FAST mode minimum writing speed is increased from 110 div/ μ s to 300 div/ μ s as measured over the center 6 x 8 div (5.4 x 7.2 cm) of the special crt. All other standard 464 crt performance characteristics remain the same.

The non-mercuric electrochemical elapsed time indicator assembly installed provides a full-scale indication of 5000 hours of operating time (a replacement assembly may be easily installed to continue the operating time monitoring beyond the initial 5000 hours).

Two 50 Ω , bnc, 2 W, feed-through terminators, one blue crt light filter, and an extra set of current 464 operator and service manuals are added to the standard accessories complement.

CALIBRATION

Calibrate the 464 MOD WX according to the procedure in the 464 Service Manual; except, replace part b of step 3 in the Storage portion with the following.

G. Storage

3. Adjust Fast Mode

b. Connect 20 MHz signal from leveled sine-wave generator to CH 1 input via 50 Ω cable and 50 Ω termination.

(Continue with parts c through y as they appear in the Service Manual.)

PARTS LIST

Electrical

Change To:

C1237 290-0807-00

CAPACITOR, FXD, ELCTLT, 1000 μ F, +100-10%

V1555 037-4172-00

ELECTRON TUBE, CRT, STORAGE, T4640-1, SELECTED

Mechanical

Add:

352-0171-00

1 HOLDER, TERM. CONN, 1 TERM., BLACK

210-0006-00

2 WASHER, LOCK, INTERNAL, #6

210-0407-00

2 NUT, PLAIN, HEX., 6-32 x 0.250, BRS

211-0504-00

2 SCREW, MACHINE, 6-32 x 0.250, PNH, POSI-DRIVE

PARTS LIST (cont)

Accessories

Add:

011-0049-01	2	TERMINATOR, COAXIAL, 50 Ω , 2 W, W/BNC
061-2749-00	2	INSERT, MANUAL -- 464 MOD WX
070-1653-01	1	MANUAL, TECHNICAL -- 464 SERVICE
070-2037-00	1	MANUAL, TECHNICAL -- 464 OPERATORS
337-1674-00	1	SHIELD, IMPLOSION, BLUE

ELAPSED TIME INDICATOR Etched Circuit Board Assembly

037-6351-00

COMPLETE ASSEMBLY

Electrical

M7000	149-0046-00	METER, THERMAL, 5000 HOUR
R7000	320-0438-00	RESISTOR, FXD, FILM, 357 k Ω , 1Z, 0.125 W

Mechanical

131-0589-00	1	TERMINAL, PIN, SQUARE, 0.460 LONG
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