

4-WIRE TIMING TEST SET EQUIPMENT DESIGN REQUIREMENT NO. 5 CROSSBAR SYSTEM

1. GENERAL

Scope

1.01 This specification together with the supplementary information listed herein, covers the equipment design requirements for the framework, equipment, and circuits to be used in the manufacture of a test set for the remote control of timing tests in 4-wire offices arranged for multilevel preemption.

Description

1.02 The test set is a portable set used in conjunction with the 4-wire timing test circuit, the trunk test circuit, and the master test control circuit for adjusting the timing intervals of the various timers used in 2-way trunks, auxiliary lines, operator tandem trunks, etc., used in 4-wire offices arranged for multilevel preemption. It is used at the location of the relay racks on which the circuits under test are located. It controls the tests, indicates whether the timing interval is too low or too high, and permits the testman to adjust the potentiometers on the circuit under test to give the proper timing interval.

1.03 The set is entirely self-contained except for the -48V supply which is obtained by patching the set to a jack on the relay rack upon which the units to be tested are mounted. The test set is patched to the unit under test with another cord, and a third cord with nine conductors and three arms at one end is patched from the set to three jacks on the relay rack which provide remote connections to the master test frame.

1.04 The test set is housed in a standard type all aluminum assembly, consisting of a panel assembly on which the equipment is mounted and a casing to enclose the equipment and wiring. The set is 10-inches long, 8-inches wide, and 6-inches high.

2. SUPPLEMENTARY INFORMATION

AA128.006 — List of General Equipment Requirements Sections
819-000-000 — Numerical Index
J23252 (819-700-150) — Master Test Frame — No. 5 Crossbar System
J23256 (819-703-150) — Trunk Test Circuit Equipment — Master Test Frame — No. 5 Crossbar System
J29259 (819-005-150) — Central Office Equipment — General — No. 5 Crossbar System

3. DRAWINGS

WECo J drawings should be ordered by referring to the prefix and base number and requesting the current dash (—) number.

Keysheet

SD-25760-01 — Crossbar Systems No. 5

Circuits

SD-25574-01 — No. 5 Crossbar Systems — Miscellaneous Circuit for all Frames
SD-27797-01 — No. 5 Crossbar System — 4-Wire Timing Test Control Circuit

Equipment

J24761A-() — 4-Wire Timing Test Set
ED-91107-70 — Ladder Strap

4. EQUIPMENT

J24761A (AT&TCo Std) — 4-Wire Timing Test Set

Equipment — J24761A-()

List 1 — Assembly, wiring, and equipment for one 4-wire timing test set per SD-27797-01, Fig. 1 required in all

4-wire offices arranged for multilevel
preemption. (See notes B and C.)

Notes

A. Reserved.

B. Two 3P6F cord assemblies and one P9F cord
equipped with three 310 plugs shall be fur-
nished as part of this test set.

C. A detachable ladder strap per ED-91107-70,
Group 4 shall be furnished as part of this
test set. When used, it shall be attached to
the handle on one end of the test set when
the set is placed on a ladder and fastened
to the handle on the opposite end of the
set in such a manner as to securely hold the
set in place on the ladder step.

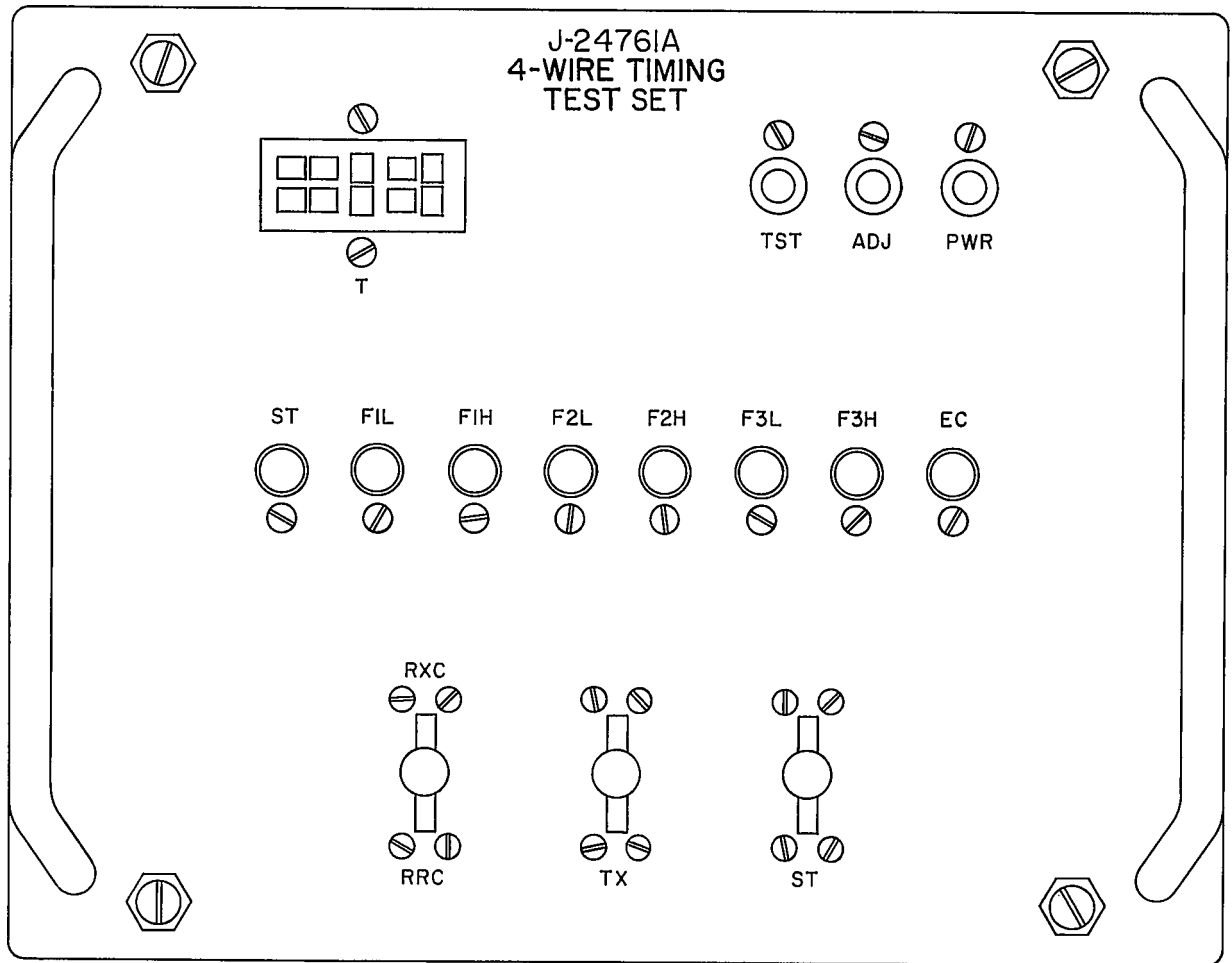


Fig. 1 - 4-Wire Timing Test Set Panel Arrangement

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