

OSCILLOSCOPE

FICHE N° 4096

PRÉSERVER
SAUVEGARDER
VALORISER

Période de fabrication : 1950-1974

Fabricant : Fairchild Intrumentation

Domaines : Physique

Sous-domaines : Traitement du signal, Electricité

Organisme : Association Musée Replay

Ville : Bordeaux

Modèle : 777

Matériaux : Métal, Plastique, Composants électroniques

Description

Cet oscilloscope à usage industriel a été conçu par la marque américaine Fairchild Instrumentation en 1964. Le modèle 777 possède une lunette haute fréquence à double faisceau. Il dispose d'une capacité de bande passante allant jusqu'à 100MHz.

Quatre cavités sur le cadre acceptent une vingtaine de modules enfichables offrant un nombre presque infini de capacités.

Ce sont les mêmes modules compatibles avec tous les oscilloscopes de la série Fairchild 765.

Parmi les autres caractéristiques du 777, on trouve une zone d'affichage de 6 x 10 cm pour chaque faisceau, avec un chevauchement de 5 cm entre les faisceaux pour une résolution optimale, un tube cathodique unique de 13 kV avec quatre structures de déflexion indépendantes, des circuits à semi-conducteurs (tous les circuits de déflexion étant intégrés aux modules).

L'instrument est conçu pour les environnements difficiles. Le Prix du châssis principal est alors fixé à 1 600 \$.

Utilisation

L'oscilloscope est acheté sur internet vers 2022, avant d'être intégré au local de l'association Musée Replay à Bordeaux.





74-03A TIME BASE PLUG-IN
Instruction Manual
Serial No. **5252**

This Plug-in Module is designed for use with the Fairchild Type 765 Series Oscilloscope. Insert this Manual into the binder you received with the Type 765 Series Instruction Manual.

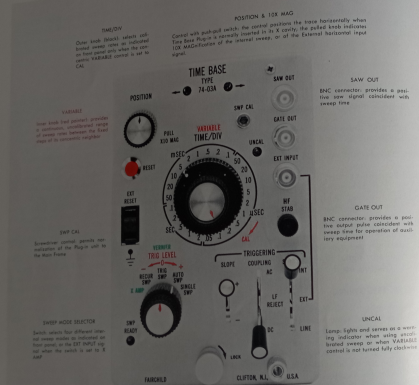
FAIRCHILD
DU MONT LABORATORIES
DIVISIONS OF FAIRCHILD CAMERA AND INSTRUMENT CORPORATION

SCIENTIFIC INSTRUMENT DEPARTMENT
750 Bloomfield Avenue, Clifton, New Jersey, U.S.A.

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Manual No. 6704 4061

section 2 – operating instructions



operating instructions – section 2

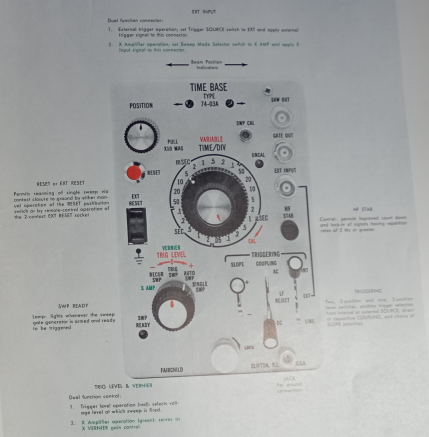


Figure 2-2. Front-Panel Facilities, Triggering and External Input

INSTRUMENT WARRANTY AND SERVICE NOTICE

CHANGES IN SPECIFICATIONS

The right is reserved to change the specifications of equipment at any time and to replace such equipment with equivalent high merchandise incurring any liability in the equipment previously sold, or to supply replacement in accordance with earlier specifications under the classification of special specifications.

SERVICE

To insure service under one warranty, the instrument must be repaired by the factory or by a service center authorized by the factory. The factory or service center will not be responsible for repairs made by unauthorized persons. The factory or service center will not be responsible for repairs made by unauthorized persons. The factory or service center will not be responsible for repairs made by unauthorized persons.

REPAIR

The instrument must be repaired by the factory or by a service center authorized by the factory. The factory or service center will not be responsible for repairs made by unauthorized persons. The factory or service center will not be responsible for repairs made by unauthorized persons. The factory or service center will not be responsible for repairs made by unauthorized persons.

REPLACEMENT PARTS

If it is necessary to order a replacement part from the factory, always give the instrument number, the instrument number and Serial number of the instrument, and the instrument number of the replacement part for out-of-warranty replacement.

PATENT NOTICE

Manufactured under one or more patents owned or controlled by Fairchild Instrument Corporation, 750 Bloomfield Avenue, New Jersey, U.S.A. Patent No. upon request.

WARRANTY

The instrument is warranted to be free from defects in material and workmanship for a period of one year from the date of shipment. The warranty is void if the instrument is used for any purpose other than that for which it was designed.

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section 5 - maintenance and recalibration

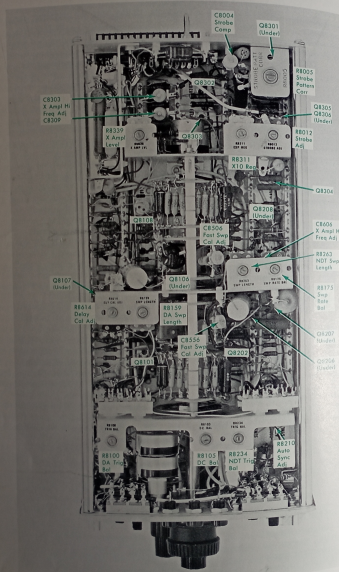


Figure 5-1. Right Side View Showing Transistors and Adjustments

maintenance and recalibration - section 5

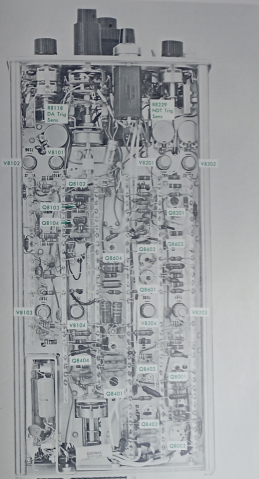


Figure 5-2. Left Side View Showing Transistors, Nuvisitors and Adjustments

Pour nous citer :

Base de la Mission nationale de sauvegarde et de valorisation du patrimoine scientifique et technique contemporain, PATSTEC, Oscilloscope (Fairchild Intrumentation), <https://www.patstec.fr/ressources/objets/detail?id=35922>, consulté le 2026-09-01