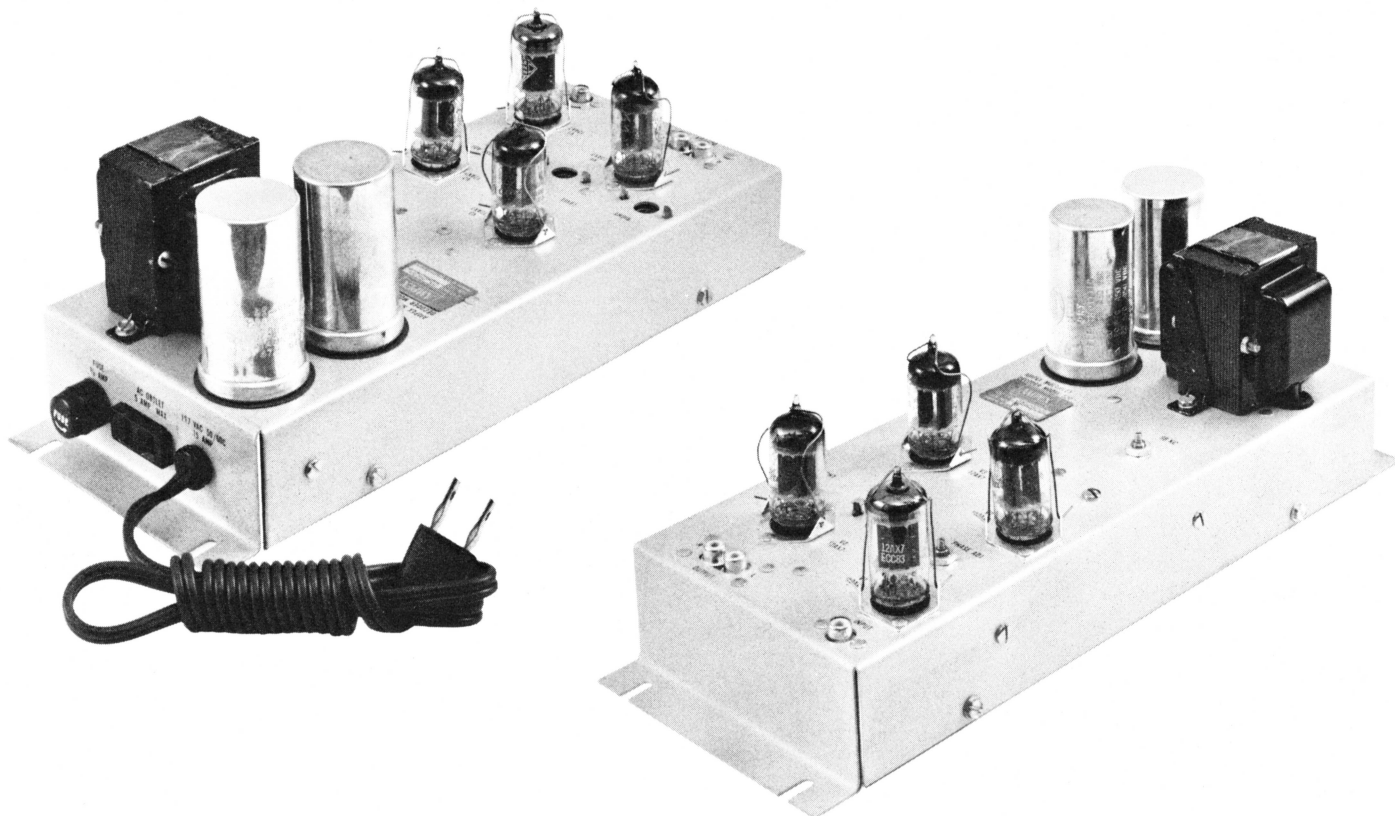


AMPEX

AMPEX MULTIPLEX ADAPTER MODEL 510

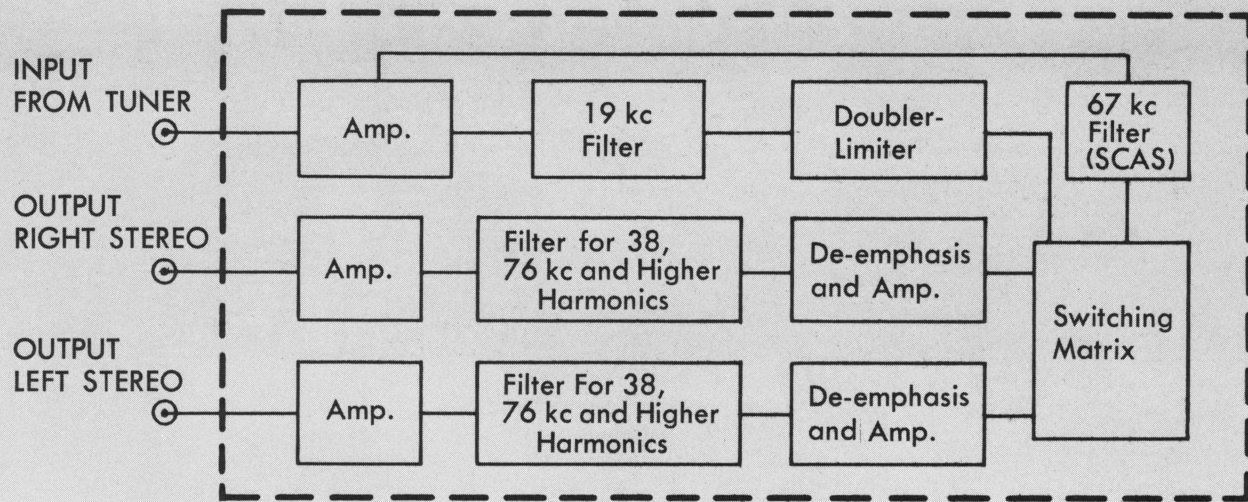
- *For Ampex Signature, Crescendo, Concerto and Custom Consoles*
- *For other leading Tuners with Multiplex Adapter Connection*



The Ampex Model 510 Multiplex Adapter is designed for easy, remote installation in all Ampex consoles and for use with Ampex and other leading makes of FM tuners with multiplex connection. Important advantages of the Ampex remote adapter are:

- **REMOTE UNIT** — does not require panel space in consoles or component systems
- **AUTOMATIC ADJUSTMENT** — does not require difficult manual adjustment or constant re-adjustment — AGC control of pilot carrier
- **EXCELLENT SEPARATION, LOW DISTORTION** — in excess of 30 db separation with Ampex tuner — 1% or less at standard levels, with Ampex tuner
- **EASY TO CONNECT** — all connections are made externally with phono cords
- **EASY TO MOUNT** — can be mounted in any position in available space — location is of minor importance, provided cable supplied with the unit is used between adapter and tuner
- **NO BIRDIES** — interference between the adapter and a quality tape recorder used to record output is non-existent
- **QUALITY COMPONENTS** — used throughout for extreme stability and high, long life performance — high Q toroidal filters, silver mica capacitors

BLOCK DIAGRAM - 510 ADAPTER



Model 510 Specifications:

(with Ampex 504 Tuner)

- Separation More than 30 db at 100 cps, 20 db at 50 cps and 15 kc
- Distortion Less than 1% at standard levels
- Signal-to-noise ratio . . . 60 db below 90% modulation
- Input signal level Must be within .24 to 2.4 volts
- Tubes Four 12AX7, selenium rectifier
- Power requirements . . . 105-120 volts AC, 60 cps, 17.5 VA
- Dimensions 5 inches wide, 12½ inches long, 4½ inches high



AMPEX CORPORATION

AUDIO DIVISION

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