

MP301 AGILE CONVERTER / PROCESSOR



Technology at your fingertips

The Master Video dual heterodyne Agile Converter / Processor MP301 is a frequency agile SAW filtered television signal converter for adjacent channel operation. Broadcast or CATV channels from 50 to 800 MHz are converted to output CATV channels from 50 to 300 MHz. Channel selection is done by convenient front panel button and last channel entry is stored in nonvolatile memory.

Agility allows maximum flexibility in altering system channel line-ups and instant fixed channel replacement. The synthesizers are crystal referenced and microcomputer controlled for accuracy and stability. With the RS232 option the converter can be remotely controlled via PC serial port and modem. Status read and channel set can be done remotely and multiple units can be daisy chained.

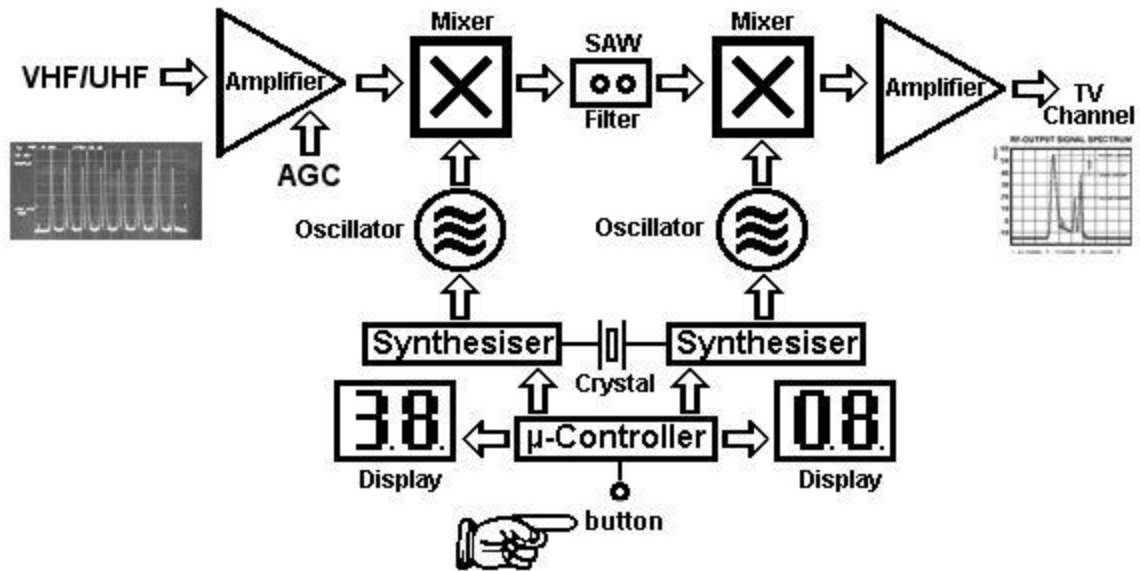
This series is manufactured in NTSC, PAL and SECAM standards.

With competitive pricing, the reason for choosing fixed channel headend Processing equipment have diminished. This has many system operators to realize the advantages of using frequency agile equipment for processing.

Some of these advantages are converting any input channel to any output channel and include maximum flexibility in altering system channel line ups, instant replacement for any channel carried on the system and low cost stock of universal spare equipment.

That is "Technology at your Fingertips". This all adds up to top of the line performance and flexibility at a very affordable price.

Application notes and headend design assistance is available from Master Video .



SPECIFICATIONS:

- INPUT FREQUENCY: 50-800 MHz ALL VHF, UHF and CATV channels
- ADJACENT REJECTION: >60dB
- INPUT SIGNAL: -10dB/mV to + 30 dB/mV
- AGC RANGE: 40 dB
- TUNING: buttons, no dip switches
- OUTPUT CHANNELS: 50-300MHz, CATV 02-36 and 94-99
- RF-OUTPUT LEVEL: 55 dB/mV
- SPURIOUS OUTPUT: -60 dB with Mixer Network
- SOUND CARRIER: adjustable 10dB
- CONNECTORS: F
- POWER: 117 V AC (220-240 V) / 13 W
- ENCLOSURE: 1.75" x 19" rackmount



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