

Circuit description for SLV-779HF

TV Recording;

UHF/VHF signal from the antenna is fed to BTF-MA431 (Antenna SW/RF modulator/TUNER) on MA-341 board, and converted to VIF and SIF, then detected to video and audio signals in BTF-MA431. The video signal is processed in IC201 on MA-341 board and amplified in IC260 on MA-341 board, then fed to rotary-video head for recording. The audio signal, is processed and amplified in IC360 on MA-341 board, then fed to rotary-audio head for recording.

Video / Audio Signal Recording;

The video signal supplied to the video-in terminal is fed to IC201 on MA-341 board for signal processing and a recording. The audio signal supplied to the audio-in terminal is fed to IC360 on MA-341 board for signal processing and recording.

Playback;

The recorded signal picked by the rotary-video head is amplified in IC260 on MA-341 board, and processed in IC201 on MA-341 board. Then fed to video-out terminal for monitor and BTF-MA431 for modulation. The recorded signal picked by the rotary-audio head is amplified in IC360 on MA-341 board, and processed in IC360 on MA-341 board. Then fed to audio-out terminal for monitor and BTF-MA431 for modulation. The audio and video signals are modulated by BTF-MA431 then fed to UHF/VHF-out terminal.

Power Supply and Motor Control;

The +B Line voltage are produced by the power section employing isolation transformer.

Motors are controlled by the system control section consisting of IC101, IC160, etc. on MA-341 board.