

CIRCUIT DESCRIPTION FOR SLV-N700

TV RECORDING

UHF/VHF signal from the antenna is fed to TM-Block(TM401; Antenna SW/RF modulator/tuner) on main PCB, and converted to VIF and SIF, then detected to video and audio signals in TM-Block(TM401).

The video signal is processed and amplified in IC301 on main PCB, then fed to Rotary-Video Head for recording.

The audio signal, is processed and amplified in IC501 on main PCB, then fed to Rotary-Audio Head for recording.

VIDEO/AUDIO SIGNAL RECORDING

The video signal supplied to Video-In terminal is fed to IC301 on main PCB for signal processing and recording.

The audio signal supplied to the Audio-In terminal is fed to IC501 on main PCB for signal processing and recording.

PLAYBACK

The recorded signal picked by the Rotary-Video Head is amplified and processed in IC301 on main PCB. Then fed to Video-Out terminal for monitor and TM Block(TM401) for modulation.

The recorded signal picked by the Rotary-Audio Head is amplified and processed in IC501 on main PCB. Then fed to Audio-Out terminal for monitor and TM-Block(TM401) for modulation.

The audio and video signals are modulated by TM-Block(TM401), 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 power section consisting of CN301, etc. on main PCB.