

DJ-506 Circuit Description

A. Main board part.

1. Video signal through 501socket No.5/4 to R606 pass to E101 coincidence enter V101、V102、V103 amplify, and through E105 coincidence enter V105 video frequency amplify to CRT.
2. Audio signal through 501socket No.7/6 to R101 pass to E201 coincidence enter V201 pas to E202 coincidence to VR201、R203 pass to U2(LM386) amplify to E204 enter loudspeaker.
3. Same-step signal through V103 pass to R411、E402 enter U5(UPC1379).
4. U5 export 15750Hz pulse signal to R409、V401、C301、V301、C302、C303、D302 and to FBT scanning and producing a high voltage enter CRT and DY.
5. U5 export 60Hz frequency pass to E408 to DY.

B. RX part

1. Video signal through RF to E201 pass to Q201~Q209 amplify export.
2. Audio signal through C301 enter Q301、Q302 amplify and through LT302 filter wave to BA403 amplify enter Q304 export.
3. By select channel switch to control CPU for RF channel selection.

C. TX part

1. From MIC audio signal pass to E1 coincidence enter Q1 amplify and pass to R1、R2 enter TX (RF No.9/10).
2. CMOS video signal enter TX (RF No.8).
3. The voltage of TX (RF No.3/4/5/6) control frequency change of TX (RF).

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