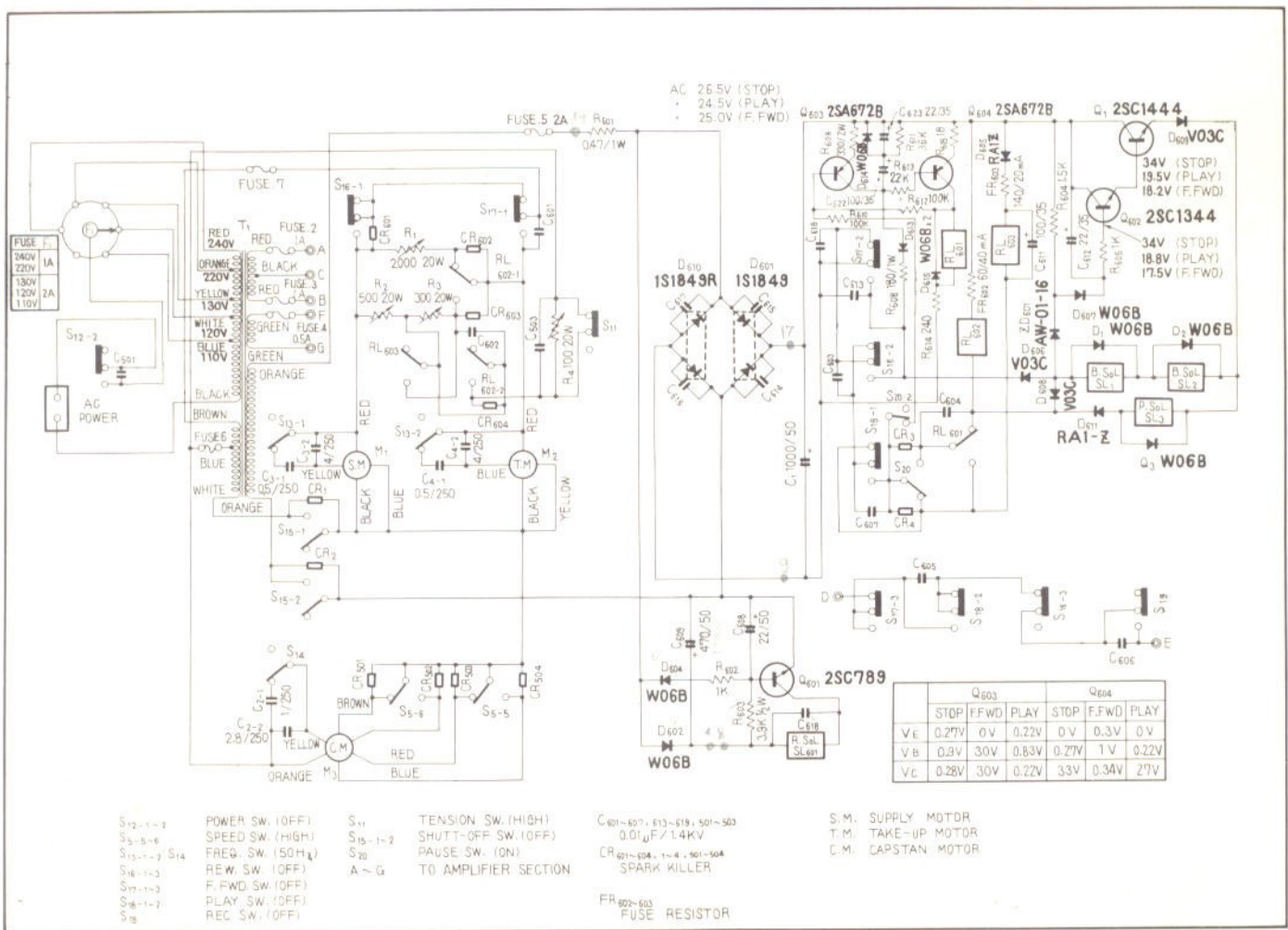


RT-1020L FU

SPECIFICATIONS

Operation	3-motor, 3-head system 4-track 2-channel recording, 4-track 4-channel playback operations	Power requirements	AC, 120V 60
Heads	4-track 4-channel playback head x 1 4-track 2-channel recording head x 1 4-track 2-channel erase head x 1	Power consumption	115
Motors	For reel; 6-pole inner rotor induction motor x 2 For capstan; 4/8-pole hysteresis synchronous motor x 1	Dimensions	440(W) x 431(H) x 227(D)mm (including feet and reel shaft) 17-5/16(W) x 17(H) x 8-15/16(D)
Tape speeds	19cm (7-1/2in.)/s, 9.5cm (3-3/4in.)/s	Weight	Without package; 21.5kg (47 lb 4 oz) With package; 26.5kg (58 lb 4 oz)
High speed wind times	10-in. reel; 110 sec at 740m (2400 feet) tape 7-in. reel; 90 sec at 370m (1200 feet) tape	Furnished parts	10-in. metal reel (Pioneer PR-100) 10-in. reel adaptors (Pioneer PP-220) Reel adjusting sheets Connection cords Splicing tape Cleaning kit Cleaning ribbon AC. power cord Fuse (2A) Operating instructions
Wow and flutter	19cm/s; 0.08% WRMS (0.10% RMS) 9.5cm/s; 0.10% WRMS (0.13% RMS)		
Signal to noise ratio	More than 55 dB		
Distortion	Less than 1%		
Frequency response	19cm/s; 40Hz to 20,000Hz \pm 3 dB 9.5cm/s; 40Hz to 12,000Hz \pm 3 dB		
Crosstalk	More than 60 dB		
Stereo channel separation	More than 50 dB		
Erase ratio	More than 60 dB		
Recording bias frequency	125 kHz		
Inputs	Microphone; 0.25mV to 80mV/20k Ω (1mV reference) Line input; 50mV to 25V/100k Ω (316mV reference) DIN; 15mV to 1.5V/1.5k Ω		
Outputs	Line; 316mV/50k Ω load at 0 VU Output impedance; 3.3k Ω DIN; 316mV/50k Ω load at 0 VU Output impedance; 3.3k Ω Headphone; 40mV/8 Ω at 0 VU Load impedance; 4 to 16 Ω		
Subfunctions	3-position bias selector 2-position recording equalizer selector Pause lever (locking, also used as lag canceller) 4-digit tape counter Tape monitor switches (L ch. and R ch.) for LEVEL METER and HEADPHONE Mic recording level control Line recording level control Output level control		

NOTE:
Specifications and the design subject to possible modification without notice due to improvements.



IC 201-202 TA7066P
 IC 201-204 2SC1344
 IC 201-216 2SK30
 IC 201-204 2SC1344
 IC 201-202 TA7066P
 IC 201-202 IN34A

RESISTORS:
 IN Ω , $\frac{1}{2}$ W, 5% TOLERANCE UNLESS OTHERWISE NOTED
 K=K Ω , M=M Ω ,
 CAPACITORS
 IN μ F UNLESS OTHERWISE NOTED; P=PF.

- NOTES:
 S₁₋₂ MONITOR SW. (TAPE)
 S₃ FRONT REAR SELECTOR SW. (FRONT)
 S₄ TAPE SPEED SW. (19CM/S)
 S₅ REC. EQ. SW. (STANDARD)
 S₆ REC. MODE SW. (OFF)
 S₇ BIAS SELECTOR (STANDARD)

