

CASSETTE TAPE RECORDER

MODEL TRQ - 287(A)
TRQ - 287(W)

SERVICE MANUAL

1 9 7 2

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

POWER SUPPLY.....	DC:6V ("C"Cell ×4)
	AC:120V, 60Hz
	(for USA)
	115V/230V, 50/60Hz
	(for Europe)
POWER CONSUMPTION.....	AC:4W
RECORDING SYSTEM.....	AC bias
ERASING SYSTEM	DC erase
TRACK SYSTEM	Monaural dual track
AUDIO OUTPUT.....	1.2W
FREQUENCY RANGE	60~10,000Hz
INPUT IMPEDANCE	
MIC. JACK	2K ohm
RADIO JACK	100K ohm
DIN JACK	40K ohm (for Europe)
OUTPUT IMPEDANCE	
EXT. SP JACK	8 ohm

MECHANICAL CHARACTERISTICS

TAPE SPEED	1 7/8 ips (4.75cm/s)
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TAPE	Compact cassette
RECORDING OR	
PLAYING TIME	60 min. using C-60
MOTOR	

FAST FORWARDING OR

REWINDING TIME.....	
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COMPONENTS USED

IC

IC1 FA-6004	Pre Amp.
IC2 HA-1312	AF Amp. & Power Amp.

DIODES

D1 1N34A	Levelmatic
SIR1 SV-01A	Rectifier

LOUDSPEAKER	3 1/4" (8cm), P.M.
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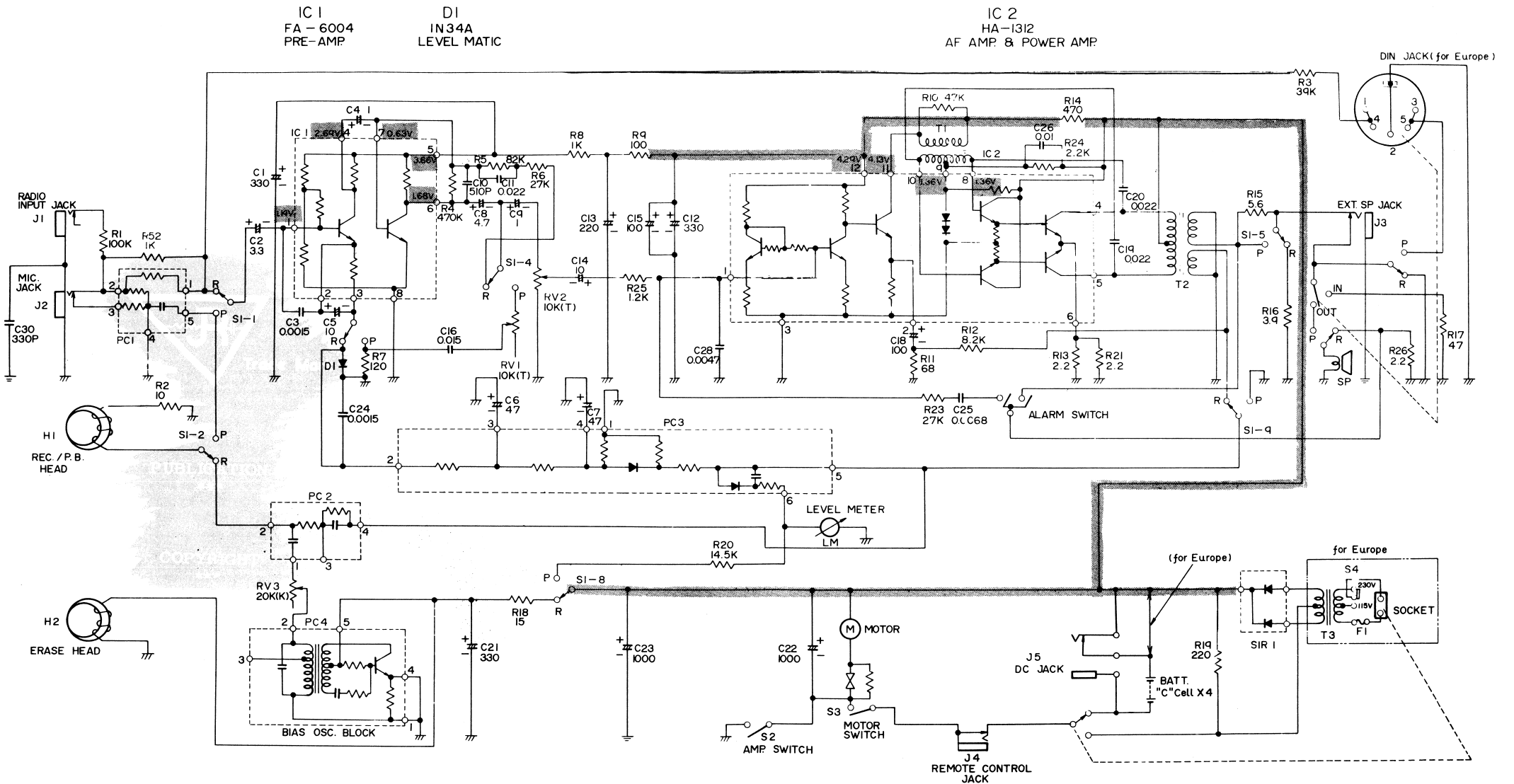
MISCELLANEOUS

DIMENSIONS.....	2 7/8" (H) × 5 5/8" (W) × 10 1/4" (D)
	(6.2 × 13.7 × 26.1cm)

WEIGHT.....	4 lbs. 6 oz. (2kg)
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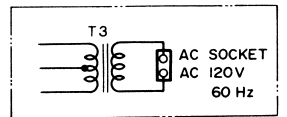
ACCESSORIES

Microphone (5420411)	1	Power cord (5741851 for USA) ...	1
(With remote control switch)		(5743161 for Europe)	
Carrying case (6151871)	1	Earphone (0592101)	1
Batteries (for U. S. A.)	4	Compact Cassette	1



NOTE: 1. VOLTAGE MEASURED WITH VOLTMETER AT 6V DC, BASE OF ⊖ SIDE POWER SUPPLY, VOLUME CONTROL AT MINIMUM AND NO SIGNAL.
 VOLTAGE SHOWN IN ARE IN PLAYBACK CONDITION.
 2. ALL RESISTANCE VALUES IN OHMS. K=1000
 3. ALL CAPACITANCE VALUES IN μF EXCEPT "P"
 NOTED: P=μμF = PF

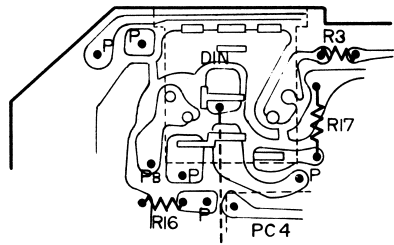
SIR I
 SV-01A
 RECTIFIER



for America

H27

Hitachi TRQ-287(A) (W)



for EUROPE

