



## CASSETTE TAPE RECORDER MODEL TRQ-210

# SERVICE MANUAL

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

POWER SUPPLY RATING	DC 6V (JIS "UM-2" × 4, standard "C" × 4 or equivalent) AC adaptor available
RECORDING SYSTEM	AC bias
ERASING SYSTEM	DC erase
AUDIO OUTPUT	600 mW
BIAS FREQUENCY	55KC
INPUT IMPEDANCE	2 Kohms (MICROPHONE JACK) 100 Kohms (RADIO JACK)
OUTPUT IMPEDANCE	8 ohms (OUTPUT JACK)

### MECHANICAL CHARACTERISTICS

TAPE SPEED	1 $\frac{7}{8}$ ips (4.75cps)
RECORDING OR PLAYING TIME	60 min.
FAST FORWARDING AND REWINDING TIME	90 sec.

OPERATING SYSTEM.....Push button

### COMPONENTS USED

TRANSISTORS	2SB373 × 1, 2SB375 × 1, 2SB77 × 3 2SB156 × 2
DIODES	1N31A × 2
THERMISTOR	D-1E × 1
MOTOR	Micromotor with governor
LOUDSPEAKER	3" (7.7cm) PM, 8 ohms
MICROPHONE	Dynamic microphone

### MISCELLANEOUS SPECIFICATIONS

TRACK SYSTEM	Monaural dual track
DIMENSIONS	2 $\frac{3}{8}$ " (H) × 5" (W) × 8 $\frac{1}{4}$ " (D) (6 × 12.7 × 22.4cm)
WEIGHT	Approx. 3.1 lbs (1.4kg)

## ACCESSORIES

1. MICROPHONE
2. CASSETTE

3. CARRYING CASE
4. EARPHONE

TR1  
2SB73/A/GR

TR2  
2SB75/B

TR3  
2SB77/C

TR4  
2SB77/C

D1  
IN34A

TH1  
D-1E

TR5,6  
2SB156/C/P X2

D2  
IN34A

1) ( ) DENOTES VOLTAGE DURING RECORDING  
2) POWER VOLTAGE IS 6 VOLTS



