



STANDARD VOLTAGE/CURRENT CHART

Check Point	Recording	Playback	Check Point	Recording	Playback
①	0.48 V	0.48 V	⑧	-8.90 V	-8.90 V
②	-0.04 V	-0.04 V	⑨	-0.50 V	-0.50 V
③	0.20 V	-0.20 V	⑩	0.0125 V	-0.0175 V
④	-0.76 V	-0.76 V	⑪	-6.10 V	-6.10 V
⑤	0.48 V	-0.48 V	⑫	0.26 V	-0.26 V
⑥	0.53 V	0.53 V	⑬	-0.60 V	0.60 V
⑦	-1.40 V	-1.40 V	⑭	6.10 V	-6.10 V
①	-0.32 V	0.32 V	⑮	-2.30 V	-2.30 V
②	-0.86 V	-0.86 V	⑯	6.25 V	—
③	5.10 V	5.10 V	⑰	8 mA	8 mA
④	-0.42 V	-0.42 V	⑱	110 mA	—
⑤	1.04 V	-1.04 V			

NOTE: All measurements are under no signal conditions with volume at minimum position. Use M type VTVM for AC voltage measurements and P-type VTVM for DC voltage measurements.

NOTE:

- S1-1~S1-8..... Record/Playback Selector Switch (Shown in Playback).
- S2-1~S2-3..... SP Monitor/OFF/ARC Selector Switch (Shown in SP Monitor/OFF).
- S3-1~SS-5..... Tape/Radio Selector Switch (Shown in Tape).
- S4..... Power Switch (Leaf Switch).
- S5..... AC/DC Selector Switch (Relay).
- S6-1~S6-4..... Band Selector Switch (Shown in FM).
- S7..... AFC Switch (Shown in ON).
- Resistors are 1/4 watt unless specified otherwise. K=1,000Ω, M=1,000,000Ω.
- Capacitors are microfarad (μF) unless specified otherwise. P=Micro-microfarads.
- Symbols put at the head of capacity values show deviations. P= -20~+80%, M= ±20%, K= ±10%, J= ±5%, C= ±0.25 pF, D= ±0.5 pF.
- Encircled numbers (○) show the checkpoints for voltage and current. The values are marked in the Standard Voltage/current chart.
- Numbers in □ show the same points as those marked in the Wiring Connection Diagram.

Fig. 5-49. Penncrest Model 3240 cassette tape recorder with AM-FM radio. (Courtesy J. C. Penney Co.)