

SONY M-101
(диктофон)

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SONY

SCHEMATIC DIAGRAM

M-101/101B



M-101 (Panel: Silver)

US Model
Canadian Model
E Model

M-101B (Panel: Black)

US Model

MICRO CASSETTE-CORDER

SPECIFICATIONS

Power Requirements: 3V dc
Battery size-AA
(IEC Designation R6). 2 pcs
Rechargeable Battery Pack BP-31 (optional)

120 V ac, 60 Hz with Sony AC Power
Adaptor AC-31 (optional) (US, Canadian model)
110, 120, 220 or 240 V ac, 50/60 Hz with
Sony AC Power Adaptor AC-32 (optional)
(E model)

Power Consumption: 5 W ac with Sony AC Power Adaptor
AC-31 (US, Canadian model)
7.2 W ac (50Hz) 6.8 W ac (60Hz)
with Sony AC Power Adaptor
AC-32 (E model)

Power Output: 150 mW (max.)

Recording System: 2-track 1-channel monaural

Tape Speed: 2.4 cm/s ($1\frac{5}{16}$ ips)

Fast Winding Time: Approx. 1 minute 30 seconds
with Sony Micro cassette MC-60

Frequency Response: 200 – 7,000 Hz

Battery Life: Continuous recording hours:
Approx. 2 hours with Sony
long-life battery size-AA
Approx. 4 hours with Eveready
Heavy Duty Battery No. 1215
Approx. 7.5 hours with Eveready
Alkaline Battery No. E91

Input: MIC (mini jack)
Maximum sensitivity: 0.2 mV (-72dB)
Impedance: Low-impedance
microphone

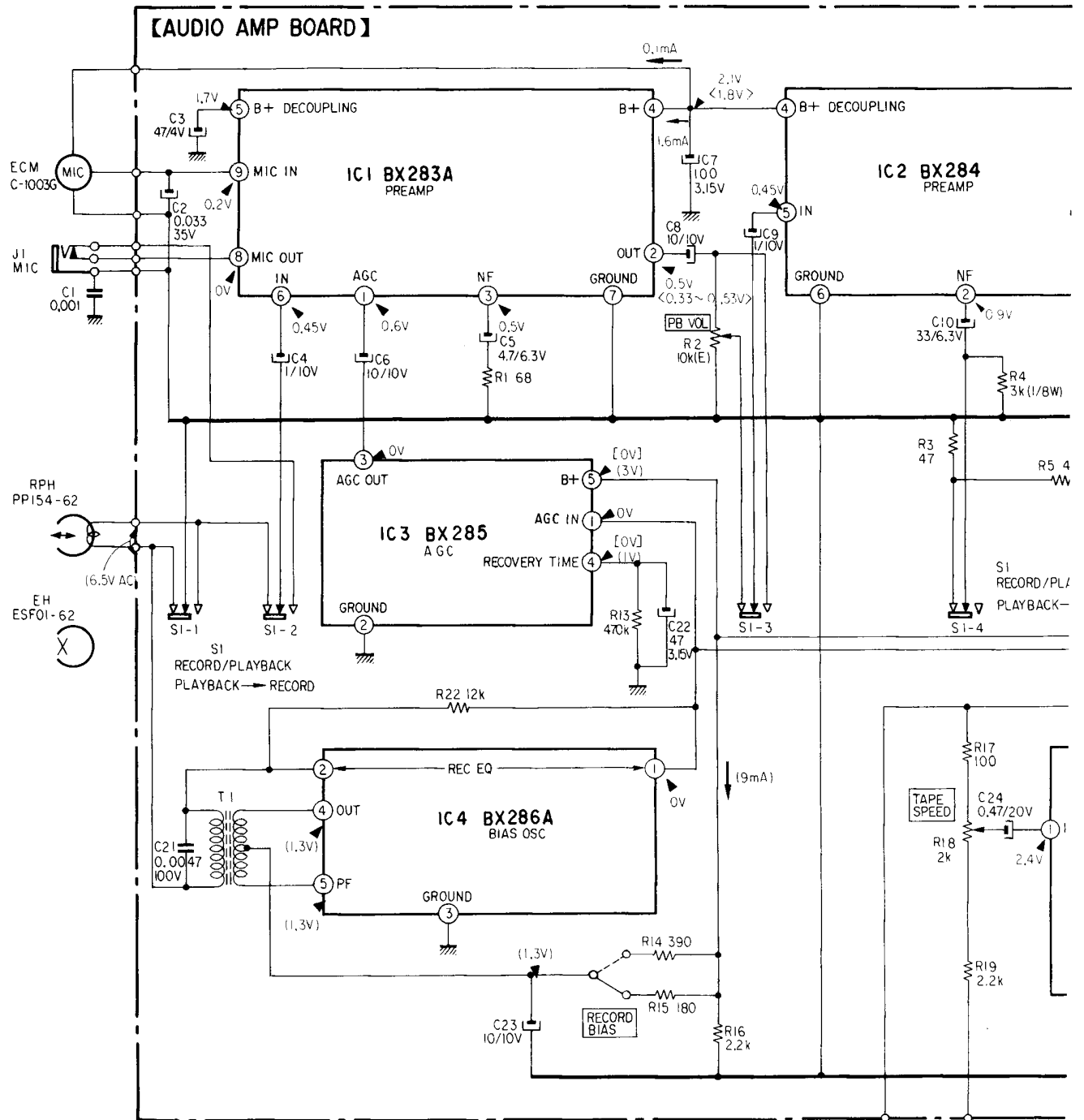
output: EARPHONE (mini jack)
Load impedance: 8Ω earphone or
more than $10\text{ k}\Omega$

Speaker: 4.5 cm (1 $\frac{3}{4}$ inches) dia.

Dimensions: Approx. 64(w) x 26 (h) x 143 (H) mm
 $2\frac{9}{16}$ (w) x $1\frac{1}{16}$ (h) x $5\frac{11}{16}$ inches
not including projecting parts and controls

Weight: Approx. 350 g, 13 oz
including batteries

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Note:

- All capacitors are in μF unless otherwise noted. 50 or less working volts are omitted except for electrolytic type. $\mu = \mu\text{F}$
- All resistors are in Ω , $\frac{1}{16}\text{ W}$, unless otherwise noted. $k = 1,000$
- Voltages are DC with respect to ground unless otherwise noted. Readings are taken under no-signal conditions with a VOM ($20\text{ k}\Omega/\text{V}$).

() : record mode
[] : playback mode

no mark : record and playback modes

< > : power source voltage is 2.5 V.

- AC voltage readings on bias oscillator circuit are taken with a VTVM.

- Switch Mode:

Ref. No.	Switch	Position
S1	RECORD/PLAYBACK	PLAYBACK
S2	POWER	OFF

