BLOCK DIAGRAM

Ring/Auto Disconnect Detection IC4 (U4)

RINGER SW

OPERATION P.C.BOARD

DISPLAY

KEYBOARD

D10~13 — Diode Bridge

T1

LINE OUT AMP IC6 (U6)

Tip

Ring

IC5 (U5) (BILATERAL SWITCH)

DSP OUT

MIC AMP IC6 (U6)

MIC

IC5 (U5)

DSP IN

ALC IC6 (U6)

IC8 (U8)

D/A

A/D

DSP/CPU IC9 (U9)

SP AMP IC3 (U3)

SP

ROM IC10 (U10)

ARAM IC11 (U11)

9 V

6 V

REGULATOR IC1 (U1)

D4 — 5.4 V (5VA)

D3 — 5.4 V (5VB)

DJ1

AC 9V

L7

D1

D2

C3

R1

-5V

C4   ZD1

⇐⇒ DIGITAL SIGNAL

←→ ANALOG SIGNAL

◄━━► POWER SUPPLY LINE