

Chapter 2 Product Overview

Before you proceed, you should take time to become familiar with your AcerModem 56 Memory.

This chapter contains all the information required for operating the unit.

2.1 Specifications

Data Modem Operation

- Line Speed: 300 ~ 56,000bps
- Standard compatibility: V.90, K56flex, ITU V.34, V.32, V.32bis, V.23, V.22bis, V.22A/B, and Bell 103, 212A
- Error Correction: ITU-T V.42, MNP2-4
- Data Compression: ITU-T V.42bis, MNP5
- Flow Control: RTS/CTS, XON/XOFF
- Command Set: TIA/EIA 602 "AT" command set
- Memory: 2 configuration profiles, 4 sets of digital phone numbers

Fax Modem

- Line Speed: 2400 ~ 14400bps
- Standard compatibility: ITU-T V.17, V.21, V.27ter, V.29
- Command Set: EIA-578 Service Class 1

Voice Operation

- Digital telephone answering machine (TAM); Voice mail system
- Voice sampling rate: 8-bit monophonic audio data encoding at 11.025KHz or 7200Hz
- FDSP: (full-duplex speakerphone) with acoustic and line echo cancellation

Stand-alone mode

- Receive and store fax and voice message while computer is turned off
- Storage capacity: approx. 70 to 80 A4 standard resolution average text density pages or 30 to 40 minutes of voice messages
- Six buttons for TAM and speakerphone
- Built-in loudspeaker and microphone
- Caller ID Box

General features

- Line interface: 2xRJ-11 jacks for line and telephone
- DTE interface: RS232C serial interface
- Voice Interface: 2x audio jacks for microphone input and speaker output
- Ambient temperature:
 - Operating: 10° ~ +50°C
 - Stand-by: -20° ~ +60°C
- Humidity:
 - Operating: 20% ~ 80% RH
 - Stand-by: 20% ~ 80% RH
- Dimensions: 150mm (L) x 210mm (W) x 40mm (H)

2.2 Top of Unit

The LED indicators located on the top of the unit indicate the status and modem activity. The unit has an internal built-in microphone, speaker and key buttons for answering machine function. A volume control wheel is located at the left corner of the unit. The table below shows the function of each LED indicator and key button:

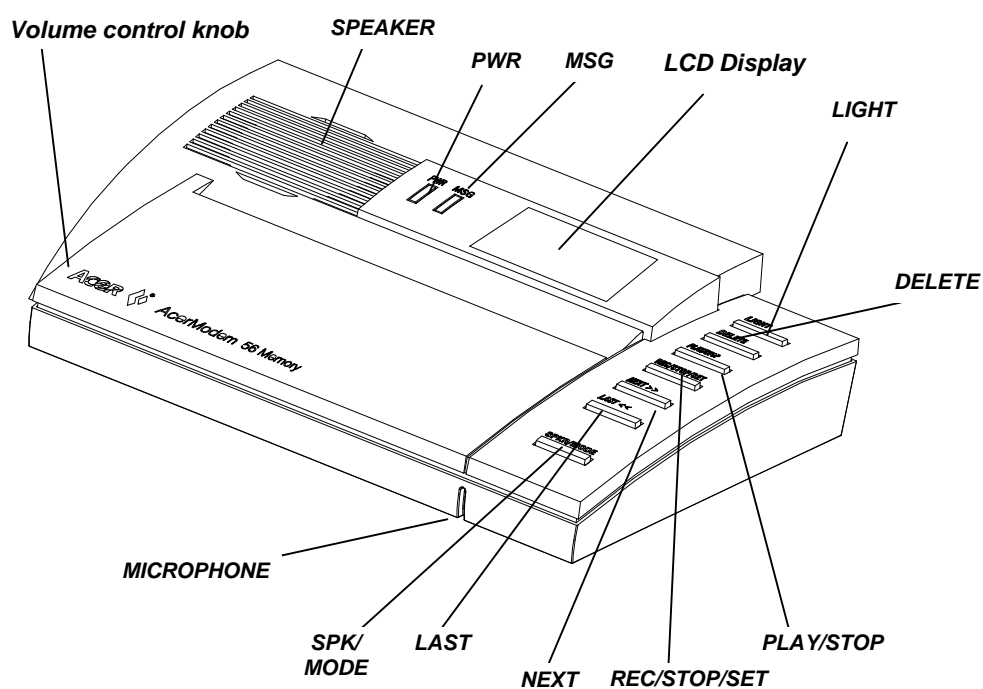


Table 2-1 LED indicator functions

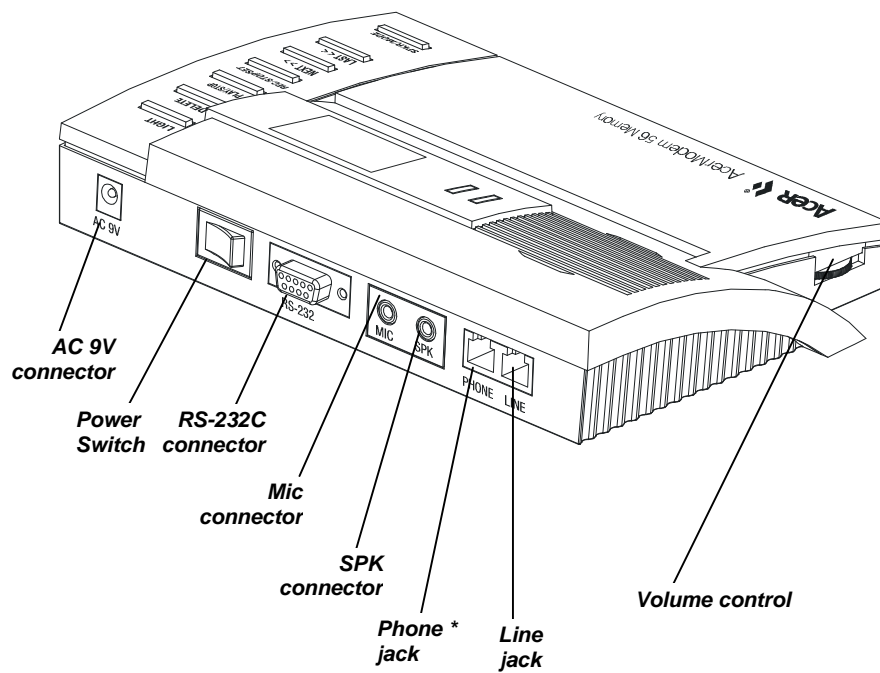
Label	Name	Description
PWR	Power	Lights up when the AcerModem 56 Memory has been turned on
MSG	Message	Lights up when an incoming voice/fax message was received or when a memo was recorded. This indicator goes out when all the messages have been played back.

Table 2-2 Key button functions

Label	Description
LIGHT	Sets the back-lighting level for the LCD
DELETE	Erases the received voice or fax message
PLAY/ STOP	Plays back the received voice message or stops the currently playing message
REC/ STOP/ SET	Records announcements, queries messages and memos or stops the recording. In configuration mode, this key is used for setting options.
NEXT	Selects next voice message or next display message
LAST	Selects previous voice message or previous display message
SPK/ MODE	Selects the display mode, Configuration, Play/Record or Record status. When it rings, press this key to use the hands-free speakerphone.

2.3 Rear Panel

The following connectors and jacks are located on the rear panel.



* In some countries, adapters may be required to connect the phone to the unit.