

PEG-NX70V

clié

- CONFIDENTIAL INFORMTION -

PEG-NX70V Key Features

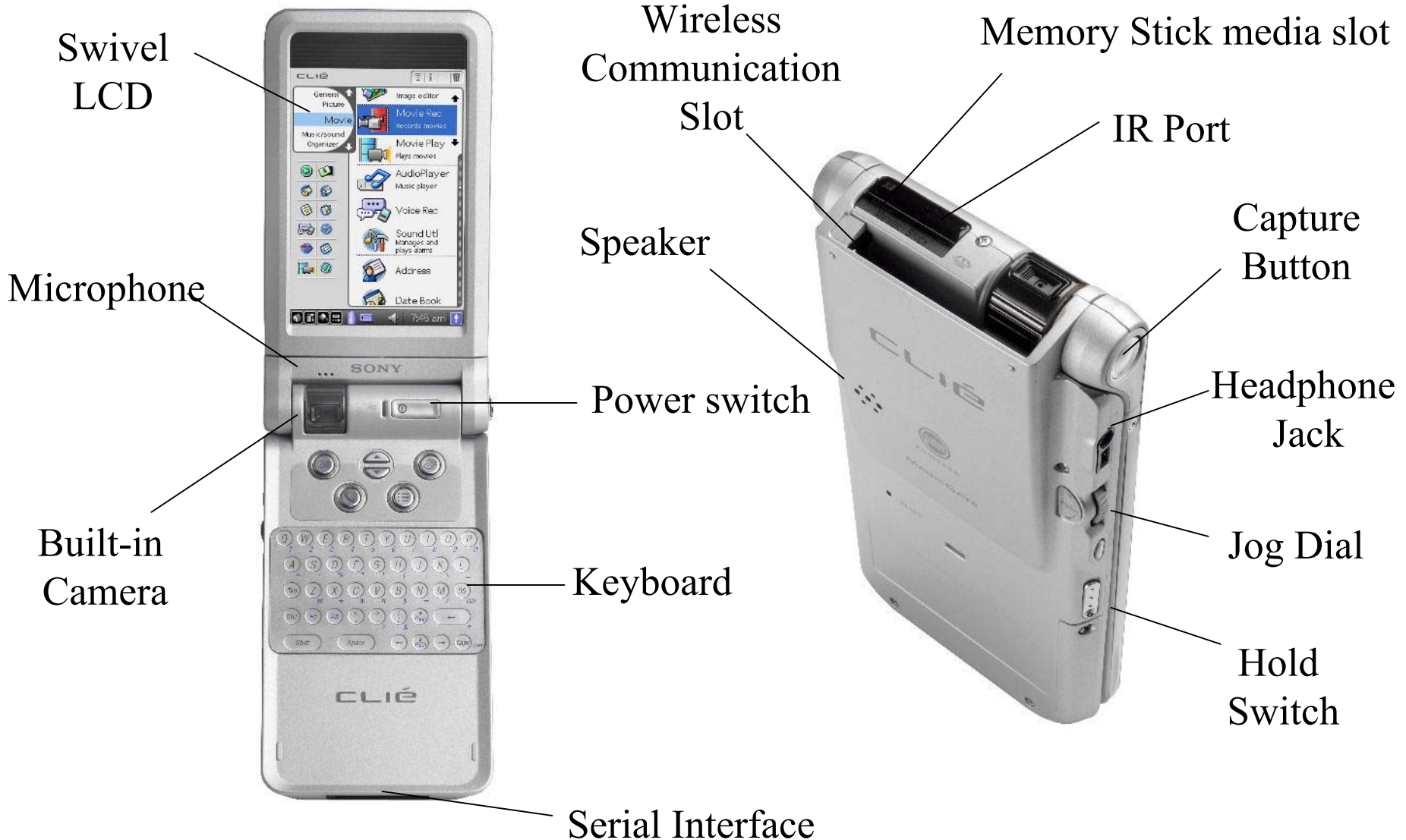


Model Name: PEG-NX70V
Announcement: October 2, 2002
Retail Available: Early November
SPPG: \$599.99

Features:

- Palm OS v.5
- 200 MHz CPU
- Built-in camera (310K pixels)
- MPEG-4 video recording/playback
- Hi-res TFT color screen (320 x 480)
- Wireless expansion slot
- 16 MB RAM
- Voice recorder
- New User Interface (Launcher)
- Built-in keyboard
- Built-in MP3 player
- Swivel LCD design

PEG-NX70V Key Hardware Features



Key Features

1) Palm OS® Software (v.5.0) NEW!

PEG-NX70V and PEG-NX60 will be offered with the latest Palm OS v. 5.0.*¹ The new OS offers enhanced PIM applications in addition to support for faster ARM®-compliant CPU to provide exceptional overall performance. Most of the existing applications developed for previous versions of the Palm OS will be compatible with Palm OS v.5.0.

2) Built-in Digital Camera (310,000 effective pixels) (PEG-NX70V only) NEW!

PEG-NX70V comes equipped with a built-in digital camera for taking **digital pictures and video**. Resolution for still image has been improved to 640 x 480 pixels (VGA) with an option to save the images on Memory Stick media*² in JPEG format. Furthermore, PEG-NX70V will record and playback video (MPEG-4) and store it on Memory Stick media*².

3) Faster Processor NEW!

The new CLIE handheld runs on the ARM-compliant **200 MHz CPU** for enhanced overall performance and exceptional multimedia experience.

4) Wireless Communication Slot NEW!

PEG-NX70V and PEG-NX60 will be equipped with a wireless communication slot for adding optional wireless LAN (802.11b) card.*³ Browse the web, check emails and synchronize data wirelessly with your PC via wireless local area network (LAN access point sold separately & internet service provider required)

Key Features

5) Voice Recorder Function NEW!

PEG-NX70V and PEG-NX60 incorporate voice recorder feature to record and playback your voice memo in ADPCM format.

6) Built-in MP3 Audio Player

Store your favorite MP3 tracks on Memory Stick media*² and enjoy music with the CLIE handheld. Audio remote controller and headphones come supplied.

7) Built-in Keyboard

PEG-NX70V and PEG-NX60 come equipped with a built-in 'QWERTY' keyboard for fast and convenient data entry.

8) High-Resolution TFT color Display (320 x 480 pixels) *¹

High-resolution color screen shows images and documents in fine detail. 320 x 480 pixel resolution screen expands the viewing area by incorporating a software Graffiti® area.

9) Swivel LCD display

The unique design of the handheld enables the screen to flip and rotate (180 degrees) to allow optimum use of the built-in camera (PEG-NX70V only) and built-in keyboard.

10) Elegant Magnesium Body

The new CLIE handheld incorporates magnesium casing for durability and elegant look.

Key Features

11) AV Remote Control Feature

Use the CLIE handheld to remotely control audio and video products using its enhanced infrared port and CLIE Remote Commander software.

12) Polyphonic Audio Alert Feature

Personalized audio tunes will alert you of your important appointments using built-in monaural speaker.

13) View and Edit Microsoft Word and Excel

Bundled with Documents To Go® Standard Edition (DataViz, Inc.) for viewing and editing Word and Excel files on the road.

14) Memory Stick® Expansion Slot

Virtually unlimited storage for additional applications and data using Memory Stick media. *2

*1: Some 3rd party software and devices may currently have limited functionality or not be compatible with this model.

Please confirm with 3rd party vendor or manufacturer for compatibility.

*2: Memory Stick media sold separately.

*3: Compatible with Sony's wireless LAN card (PEGA-WL100) only. PEGA-WL100 sold separately.

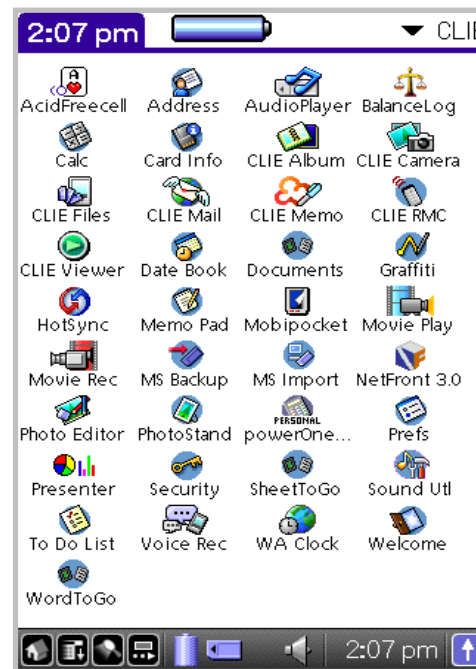
CLIE Launcher

New user interface for CLIE allowing easy access to your favorite applications.

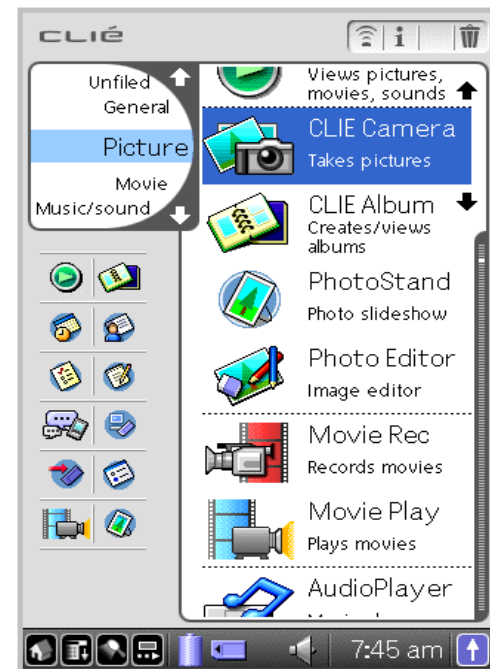
- Categorize applications into groups.
- Create short cut for your favorite applications.
- Displays description of each application.
- Drag & Drop to delete and move applications on the screen.



Standard Mode



Hi-Res Mode



New UI Mode

Palm OS Applications

- Supports 320 x 480 mode with core PIM applications.

Sep 17, 02 ◀ S M T W T F S ▶

- ◆ SF
- 8:00
- 9:00 Updated: Weekly staff meeting
- 9:30
- 10:00 Updated: Business Review Meeting w/F. Nishida
- 1:00
- 2:00
- 2:30 Updated: Weekly Client Meeting
- 3:00
- 4:00
- 5:00
- 6:00

New Details Go To

Address ▼ All

Akiyama, Sho 07056699706M
Baffo..., Meg +1 (858) 942-7801W
Canlas, Lordit +1 (858) 942-7768W
Carver, Lee 650-520-7475W
CNET 415-344-2784W
Cuenca, Elber +63 (2) 637-0474...W
CUSH MAZDA 760-737-3205W
Dave, Nagel 408-878-9000W
David, Yang (619) 865-4202M
Digitaria 619-237-5552W
Digitaria 619-237-5552W
Emm..., Stew +1 (858) 942-7744W
Ferguson, Faith 845-986-3424W
Goldb..., Dirk +49 89 99 888 2115W
Gulliver, Christo (858) 942-7897W
Hajimoto, Osamu 09071887924M

Look Up: New

Memo ▼ All

1. Accessing E-mail from other PC:
2. Account address
3. CompUSA 9/5
4. Demo sequence
5. Frys Meeting 7-31-02
6. How to create faster gMovie
7. Kimura President Cell
8. Passwords
9. Personal Note
10. Pros/Cons on Transferring Stat...
11. Serial Numbers
12. What you need to focus on.

New

To Do ▼ All

- 1 Pickup laundry
- 2 Drop off documents
- 3 Visit factory
- 4 Soccer practice
- 4 Grocery shopping

New Details... Show...

CLIE Camera (v. 2.0)

Capture digital still images using built-in camera.

New Feature:

- Improved resolution (VGA: 640 x 480 pixels).
- Digital zoom (x 2).
- Thumbnail photo viewer.

Capture



CLIE Camera

View



CLIE Viewer

Edit

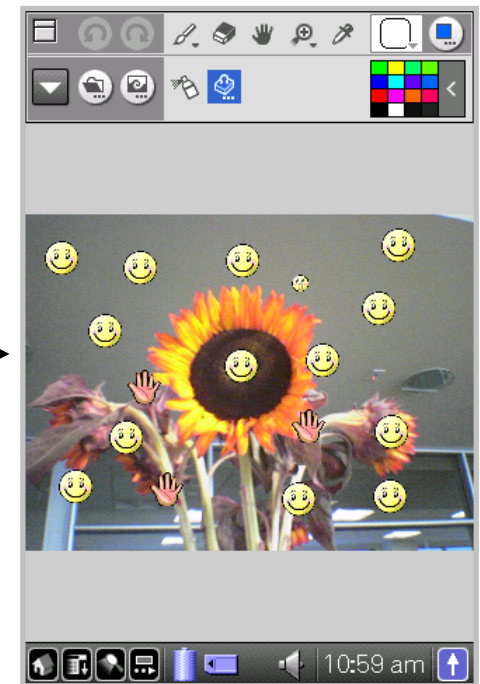


Photo Editor

Improved Resolution

PEG-NX70V has built-in camera with VGA (310K pixels) resolution.



640 x 480 (VGA)



320 x 240

Movie Recorder (v. 1.0)

Capture movies using built-in camera.

- Record MPEG4 movies on Memory Stick media. (Approx. 2MB/min.)
- Attach movie files to email using CLIE Mail.
- Use Movie Player (v. 1.0) to playback both MPEG4 and MPEG1 movies.
- Use the supplied remote control to playback movies.
- Video size: 160 x 112 (record), 320 x 240 (playback)



Record



Playback



Landscape Mode

CLIE Viewer (v. 1.0)

View and organize pictures, movies, hand-written memo and voice memo stored on your CLIE.

- View all of your AV files using this application.
- Launch CLIE Mail, CLIE Album, Photo Editor, Photo Stand from app.



CLIE Viewer

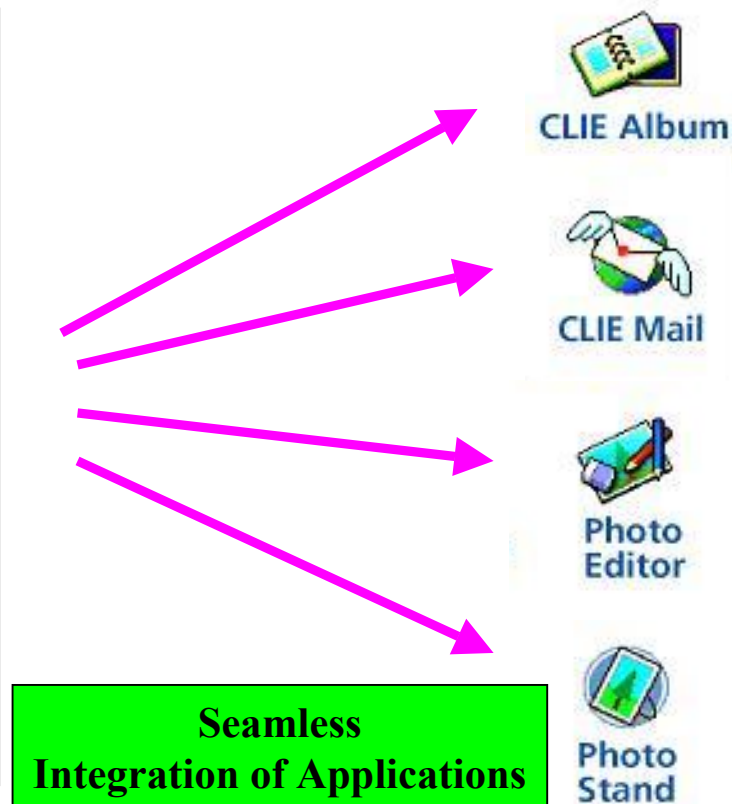
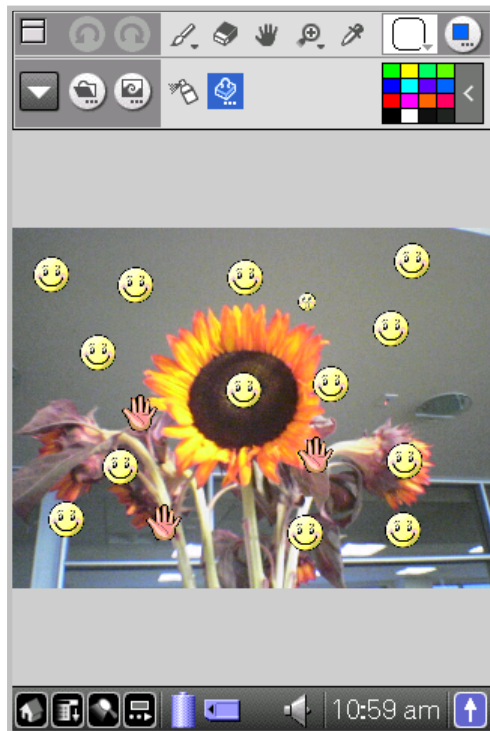


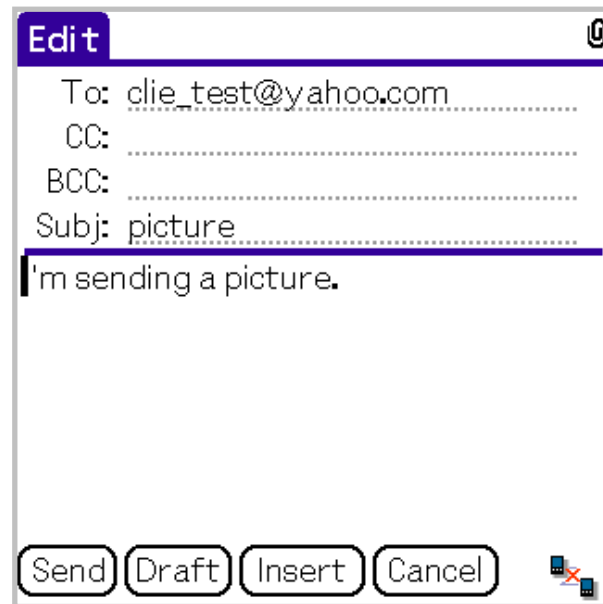
Photo Editor (v. 1.0)

Add fun graphics and handwritten memo to customize your favorite pictures.

- Compatible with PGP (still picture format for CLIE) and DCF (digital camera).
- Canvas size up to 640 x 480 pixels.
- Attach personalized pictures to email using CLIE Mail application.



Edit Photo



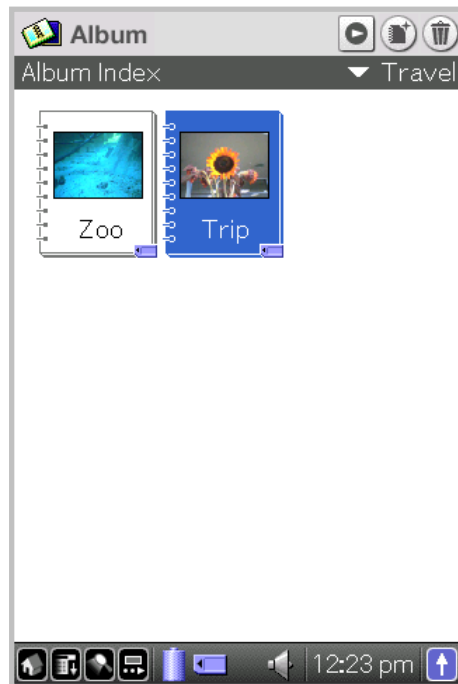
Attach to email

CLIE Album (v. 1.0)

Compile your favorite pictures and create a personal photo album.

New Features:

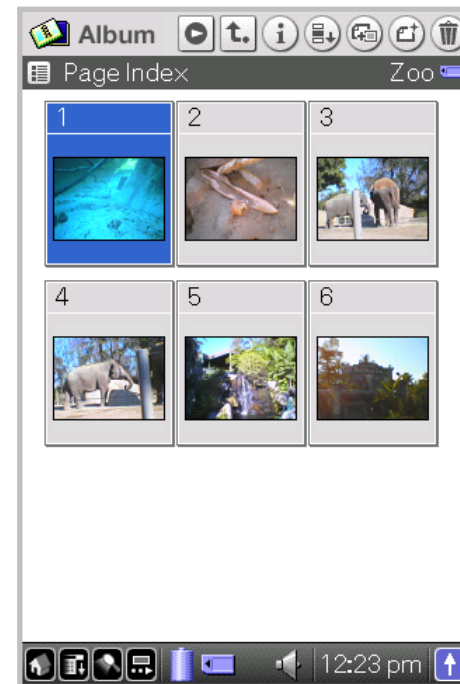
- 2 album templates to choose from.
- Insert comments (title/date/memo) to the photos to personalize your album.
- Select a photo album when using CLIE Camera to save images automatically in your album.



Create Albums



Open

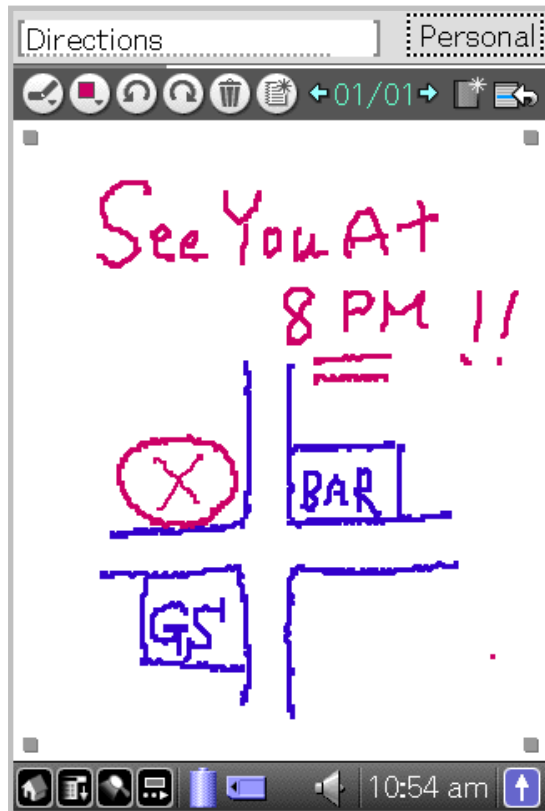


View and label images

CLIE Memo (v. 1.0)

Take memo by writing directly on the screen.

- Organize your notes into 'notebook' and 'category'.
- Beam your notes to other CLIEs with CLIE Memo.



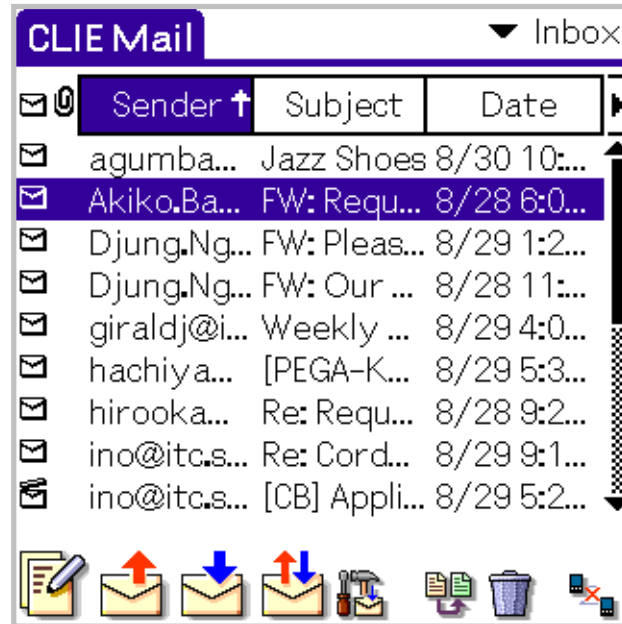
*Beam your notes
to other CLIEs*

Wireless Communication

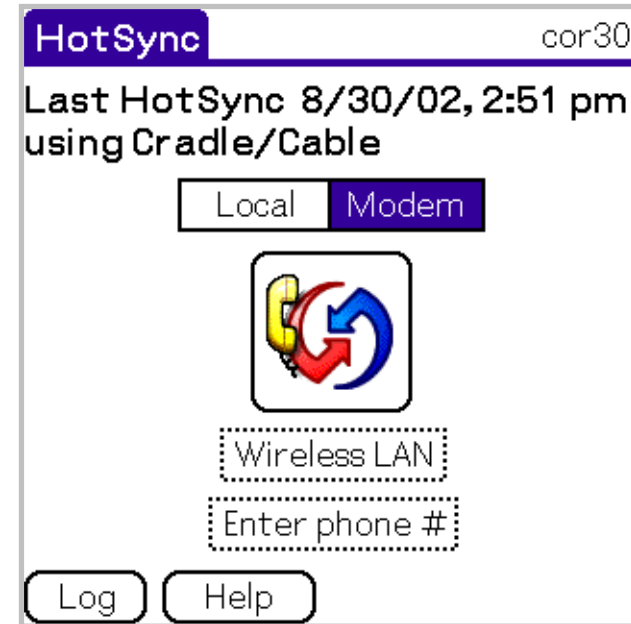
Establish connection with the wireless network to do the following.....



Browse the web



Send and receive email

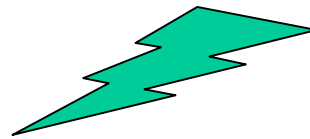


Synchronize over the air

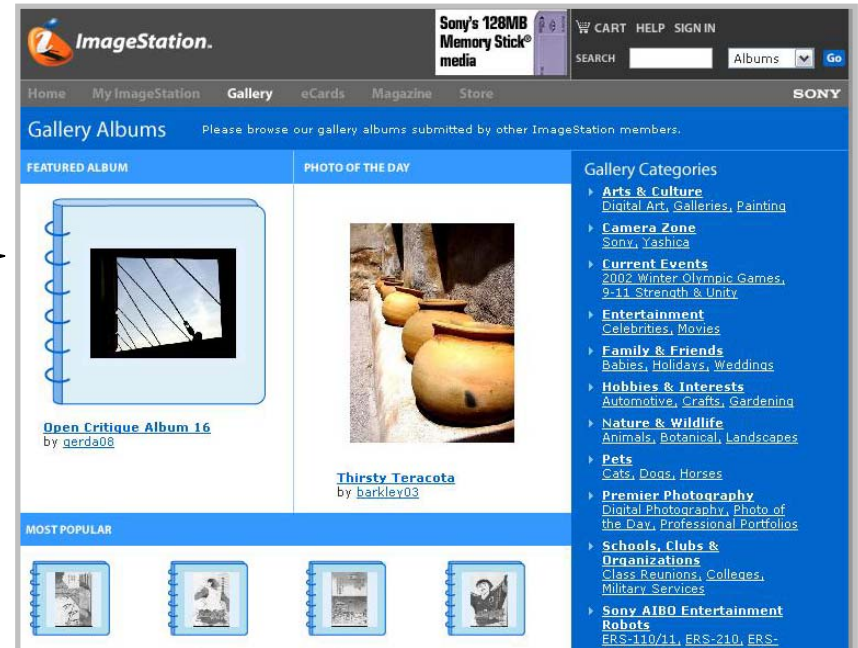
Link To ImageStation



Upload your favorite pictures to ImageStation from CLIE.



Upload



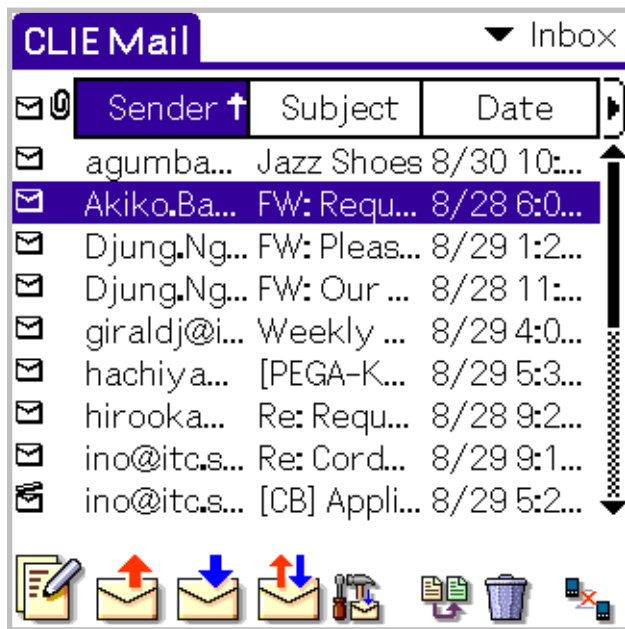
- 1) Download Image Upload Utility software.
- 2) After taking pictures with CLIE Camera, select the image for upload.
- 3) Attached image to email using CLIE Mail application.
- 4) After synchronizing CLIE Mail with your PC, the image will be sent to ImageStation.
- 5) The image will be uploaded automatically.

CLIE Mail (v.2.0)

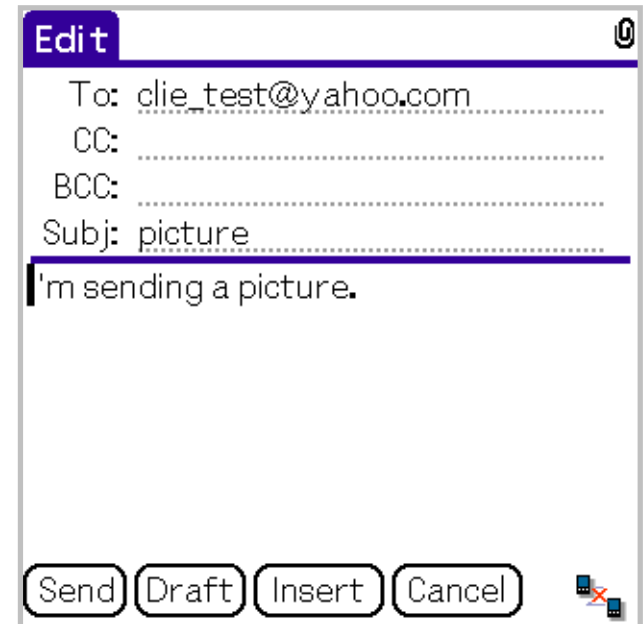
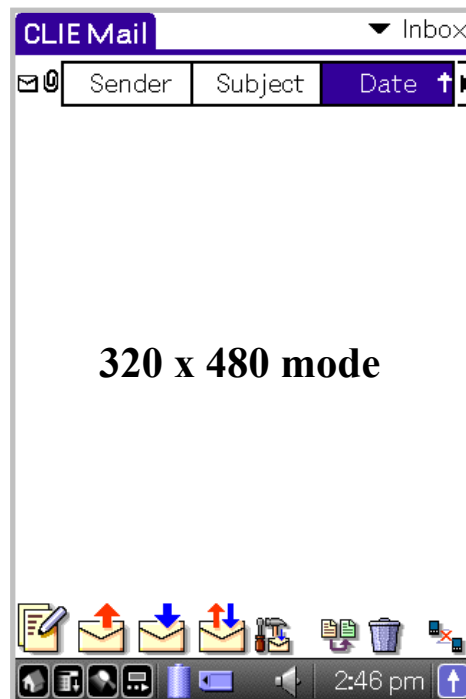
Email application designed for CLIE handhelds.

New Features

- 320 x 480 pixel mode.
- Attach voice, movie and image files to email.
- Synchronize emails with mail application on PC (ex. Outlook/Outlook Express).
- Manage multiple email accounts using POP3/SMTP.
- Receive and view mail attachments (ex. JPEG).



Receive emails

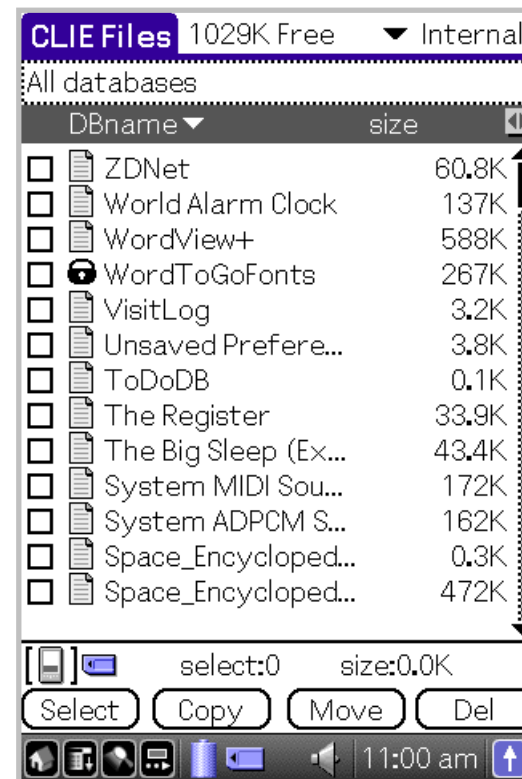
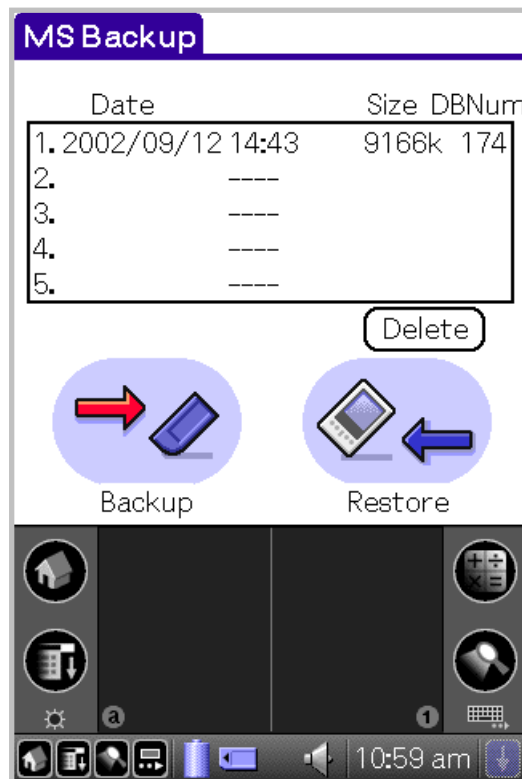


Attach Images

Memory Stick Utility Applications

Utility applications to make the most use out of Memory Stick media.

- MS Backup: Backup all your data to Memory Stick media with a click.
- CLIE Files: View and organize all the data stored on RAM and Memory Stick.
- MS Import/Export: Use your CLIE as external storage device.



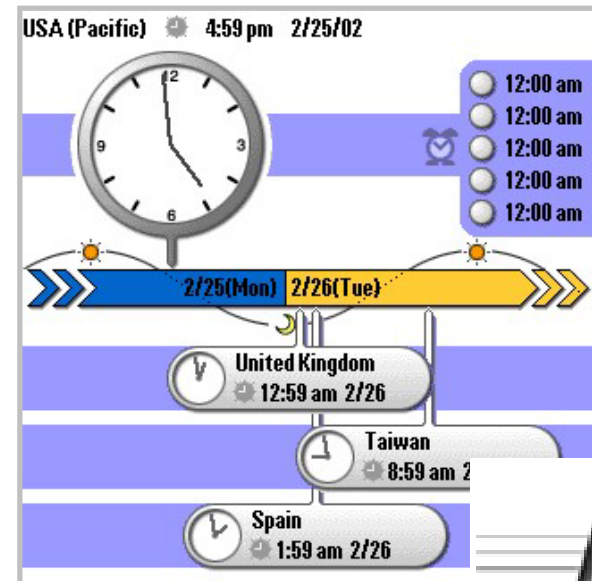
Voice Recorder

Record voice memo using built-in microphone.

- Record voice memo on internal memory or Memory Stick media.
- Use the recorded voice memo as your alarm sound.
- Beam or attach your voice memo to email using CLIE Mail.
- Recording time: Approx. 535 min on 128MB MS in LP mode. (8 kHz sampling freq.)



Using the
recorded
sound as
your alarm



Built-in MP3 Player

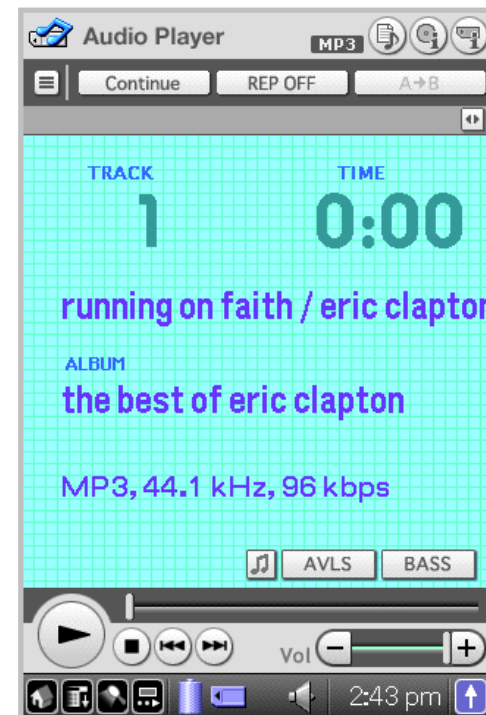
MP3 Audio Player bundled with CLIE. Playback tracks stores on Memory Stick.

New Features

- Supports 320 x 480 mode.
- Program Play mode allows you to play songs in any order.
- Use the slider to fast forward/reverse and playback from any spot on a song.



Headphones and Remote Supplied



CLIE Audio Player

Image Converter (v.1.0)

PC application which converts different movie and image file formats.

PC

**Still Image:
BMP, JPEG, TIFF, GIF**

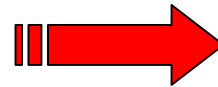
**Movies:
MPEG1, AVI, QT**



CLIE Handheld

**Still Image:
JPEG (DCF)**

**Movies:
Movie Player Format
(MPEG4)**



Convert



Specifications

OS:	Palm OS® software v. 5.0*¹
CPU:	200 MHz
Memory:	16 MB (RAM)*², 16 MB (ROM)
Display:	TFT color display with back lights, 320 x 480 dots, 65,536 colors
Interface*³:	USB (cradle), Infrared (IrDA 1.2), Memory Stick slot*⁴, Remote Commander LED, Communication Slot (CF Type II) *⁵
Power Supply:	Output DC 5.2V, Input AC100V- 240V
Battery:	Lithium-ion polymer rechargeable battery (internal)
Battery Life:	Approx. 10 days. *⁶
Dimensions:	Approx. 2 7/8 x 5 1/2 x 15/16 inches (projecting parts not included)
Weight:	Approx. 8 oz. (including stylus)

*1: Some 3rd party software and devices may currently have limited functionality or not be compatible with this model. Please confirm with 3rd party vendor or manufacturer for compatibility.

*2: Actual available space is 15 MB. (A portion is used for data management functions)

*3: Includes serial interface.

*4: Memory Stick media sold separately. Compatible with MagicGate Memory Stick (sold separately).

*5: Compatible with Sony's wireless LAN card (PEGA-WL100) only. PEGA-WL100 sold separately.

*6: Based on 30 minutes of use per day with backlights set OFF. Actual battery life varies depending on the temperature and conditions of use..

Specifications and features are subject to change without notice.

Specifications

Audio/Voice Specifications

Audio Frequency Response: 20 Hz to 20,000 Hz

Recording Format: ATRAC3, MP3, ADPCM (for voice recording)

Sampling Frequency: 44.1 kHz (ATRAC3, MP3)

Output: Headphone jack / stereo mini jack

Camera Specifications

Imager: Approx. 310,000 pixels (effective) 1/5.5 inch CMOS image sensor

Lens: F2.8 focal length $f=2.62$ mm (35 mm film conversion $f=$ approx. 50 mm)

Focus Range: 0.3 mm to infinity

Camera Rotating Angle: Approx. 260 degree

**Picture Size (JPEG images): 640 x 480, 320 x 240, 160 x 120, 320 x 480 (vertical)
(movie): 160 x 112**

Picture/Movie Format: JPEG (DCF), Movie Player Format, MPEG movie (playback only)

Camera Finder: 320 x 240, 160 x 120 (movie: 160 x 112)

Brightness Control (-2 to +2, 5 steps): White Balance (Auto / Indoor (Incandescent) / Indoor (Fluorescent) / Outdoor) / Self-timer function / Picture effect (Sepia / Black & White / Negative Art / Solarization)

System Requirements

OS: Windows® 98 Second Edition, Windows® Millennium Edition, Windows® 2000 Professional, Windows® XP Home Edition, Windows® XP Professional

**CPU: Pentium® II 400 MHz or faster
(Pentium® III 500 MHz or faster is recommended)**

**Memory: 96 MB RAM minimum
(128 MB or more is recommended. 256 MB or more is recommended with Windows® XP.)**

Display: 800 x 600 dots or higher, High color or better

Hard disk: 200 MB or more available space (350 MB or more is recommended)*

***Additional 100 MB or more needed for installing CD database with SonicStage application. May require additional hard disk space depending on size of audio files recorded. Additional 100 MB or more is needed for printing with PictureGear Studio application.**

CD-ROM drive

USB port

Mouse or similar pointing device

Package Content

- **CLIE handheld**
- **USB cradle (for HotSync® operation)**
- **Stylus**
- **AC Adapter**
- **Stereo headphones**
- **Remote controller**
- **Plug adapter**
- **Plug adapter attachment**
- **Hand strap**
- **Installation CD-ROM**
- **Read This First**
- **Add-on Application Guide**
- **End User License Agreement**
- **Graffiti® sticker**
- **Limited Warranty Statement**