

Technology Day September, 2006

Digital Recorder - Part I



SONY

High Performance Built-in Stereo Microphone

- LPEC™ High Quality Stereo Recording up to 2 h 45 min (Only using the 32MB built-in flash memory in STLP mode)
- Built-in Triple Microphone Configuration
- Memory Stick PRO Duo™ Slot for Memory Expansion

LPEC 32MB+ Flash Memory SONY Memory Stick PRO Duo *Not supplied

PC Application Software Supplied (MP3 Compatible)

V-OR HI-SPEED CERTIFIED USB MEMORY STICK PRO DUO

ICD-MX20

Stereo IC Recorder
VOICE RECORDER

Max 11H 45Min

*Using the 32MB built-in flash memory in LP mode
*Optional Memory Stick Duo and Memory Stick PRO Duo provide longer recording time

Digital Recorder



Why Digital Recording?

Benefits of digital recording content

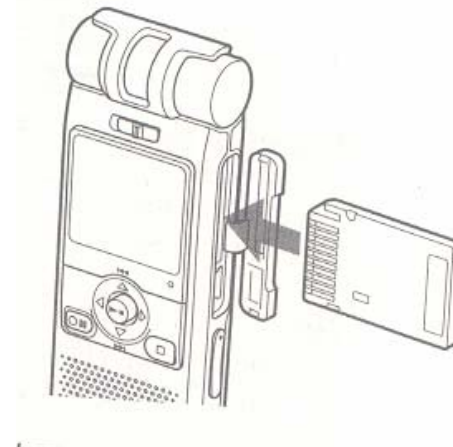
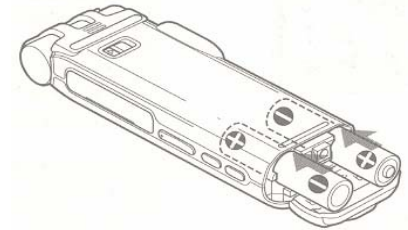
- Easy to edit unwanted content
- Serving and distributing to large audiences
- Make it readily available on the web at anytime, anywhere to download or streaming (podcast)
- Multiple repetitions for reviewing content
- Increased communication between Faculty and Students
- Using this device vs. Laptop's Microphone
 - Sound quality, longer hours, stand alone
 - Portable and convenience

Digital Recorder

Installing & Setting Up

There are some basic steps to do before you start to record a message

1. Installing the Batteries
2. Setting the Date & Time
3. Installing Memory Flash Card, and/or Memory Stick (Option)



Digital Recorder



Recording Messages

1. Select a Recording Mode

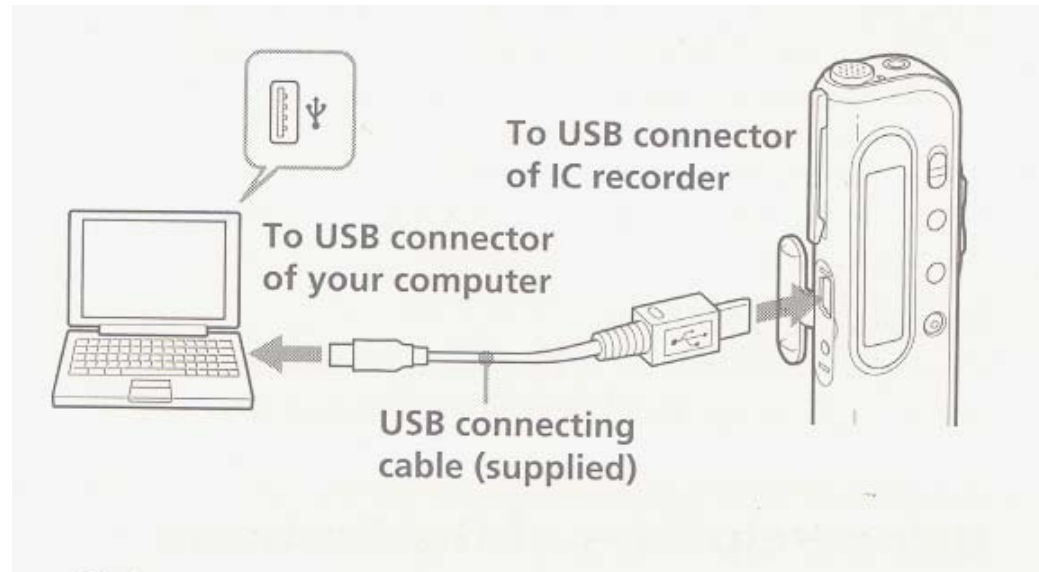
- ST – Standard in Stereo (1hr.25min.)
- STLP – Standard Long Play in Stereo (2hr.45min.)
- SP – Standard Play in Mono (4hr.20min.)
- LP – Long Play in Mono (11hr.45min.)

Digital Recorder



Digital Voice Editor (Software)

1. Installing the software
2. Connecting USB connector of the Digital Recorder to your Computer



Digital Recorder



3. Saving the digital recorder message to your computer's hard disk
 - a. Click to select the message you wish to save from the digital recorder message pane(①)
 - b. Drag the message (②) and drop it (③) in the PC pane
4. Playing or editing messages on your computer

Digital Recorder

The screenshot shows the Digital Voice Editor software interface. The main window is titled "Digital Voice Editor" and contains several panes and a control bar at the bottom.

IC Recorder Pane: Shows the current recording session "ICD-MX20 FTL" with a dropdown menu for "ICD-MX Series (J:)" and a "Remain" indicator showing "- 30.5 MB". Below this is a list of recordings:

No.	Mode	User Name	Message Name	Rec Date/Time
001	SP			2005/07/24 10:01
002	SP			2005/07/24 10:03
003	SP			2005/07/24 10:04
004	SP			2005/07/24 10:07
005	SP			2005/07/24 11:33
006	SP			2005/07/24 11:35

PC Explorer Pane: Shows the file system structure. The "Digital_Recorder" folder is expanded, showing subfolders "Archive_HL", "D_Drive", "Digital_Recorder", "FOLDER07", "FOLDER08", and "Sonv Digital Rec". The "FOLDER07" folder is selected, and its contents are listed below:

File Name	Mode	User Name
001_Training_003_2005_07_24.msv	SP	
05072401.MSV	SP	
05072402_c.MSV	SP	
05072404.MSV	SP	
05072406.MSV	SP	
05072407.MSV	SP	

Control Bar: Contains a timer showing "00:00:00", a volume control slider, and various playback controls including "V-Up", "DPC", "Repeat", "Jump", and "Bookmark".

Annotations: Three numbered circles are overlaid on the interface:

- 1:** Points to the "No." column header in the IC Recorder list.
- 2:** Points to the "ICD-MX Series (J:)" dropdown menu.
- 3:** Points to the "FOLDER07" folder in the PC Explorer pane.

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Upload to St. John's Central

1. Before uploading to the Internet, converting all audio files to MP3 format
2. Login to SJC
3. Choose "My Courses" tab and select a course you want to upload to
4. Click "Files" and "Add a new file to the course"
5. Browse to select a mp3 audio file and then click "Add" to upload

Digital Recorder



Audio Editing Programs

1. Apple Computer, Inc.: iTunes
 - <http://www.apple.com/itunes/>

Digital Recorder



Price Range/Brand Name:

- \$79.99 to \$299.00
- Brand name: Panasonic, Sony & Olympus

Where Can I Buy?

- Best Buy, Circuit City, Office Depot,
- Staples or B&H Photo Video