

ICD-UX523/G

Featuring enhanced MP3 and Linear PCM recording features with 4 GB¹ internal memory, the UX523 recorder is perfect for capturing music and meeting notes. An expandable microSD memory card slot is perfect for additional capacity. While the direct connect USB makes for easy file transfer in addition to charging the rechargeable battery .

3-in-1 stereo recorder

Voice recorder, music player, and USB flash memory. Capture and playback voice or music notes, plus store and transfer files via the direct connect USB.

INTELLIGENT NOISE CUT™ MODE

A unique and innovative technology from Sony, Intelligent Noise Cut™ mode significantly reduces ambient noise during recording for clearer playback.

MUSIC RECORDING & PLAYBACK

The UX523 provides flexibility in audio recording and playback. Music can be recorded in MP3 or linear PCM. For playback, the UX523 supports MP3/WMA/AAC files.¹

USB DIRECT CONNECT

Transfer files quickly without searching for a USB connection cable. With direct connect, simply connect the recorder to a PC or Mac® USB input.

SCENE SELECT

An easy to use system that allows the user to select pre-determined recording modes. The device automatically adjusts the unit to the optimal recording settings: notes, lectures, music etc.

A-B REPEAT

Mark the beginning and ending of a particular recorded passage and the recording will be played over and over again- great for language learning.

ALARM

Set a future date and time and the recording will automatically be played.

BACKLIT DISPLAY

Convenient when using the unit in a low light environment.

CALENDAR VIEW

Easily search for recordings by day with the calendar view.

DPC

Digital Pitch Control enables the recording to be played at a faster or slower rate without changing the pitch.

DRAGON® COMPATIBLE / CERTIFIED

The recording quality of the unit has been optimized and validated by Nuance to work with the Voice to Print Dragon NaturallySpeaking® software (sold sep.).

EARPHONE JACK

A listening device can be plugged into the recorder.

EASY SEARCH

Rewinds or Fast Forwards in short increments making it easier to locate a segment in a long recording for review.

FOLDER

The UX523 comes preset from the factory with 5 folders for convenient storage of your voice recordings and audio files. Using a PC, you can even rename the folders to suit your needs.

HI / LO MICROPHONE SENSITIVITY

Set the recorder for dictation and notes or for conferences and lectures.

HOLD LOCK

Disable all button functions with the HOLD-POWER switch and avoid unintended recordings and unit operation.

LOW CUT FILTER

This feature, when activated, helps reduce the effect of wind noise in your recordings.

MIC JACK

Allows for connecting to either an external microphone or audio device.

MICRO SD CARD SLOT

Provides the capability to provide additional recording time using a removable flash memory media that can be removed and stored or used to transfer recordings to a computer.

MULTI LANGUAGE MENU

Enables the menu language to be displayed in English, French or Spanish.

NOISE CUT

Ability to electronically reduce external noise during playback.

PERSONALIZED FOLDER NAMES (w/ a PC)

Allows the folder names to be personalized such as NOTES, HISTORY CLASS, SCHEDULE etc.

RECORD/PAUSE

Provides the ability to pause the recording process, gather your thoughts and then continue recording in one easy step.

6 RECORDING MODES

Select from six recording modes:

LPCM- (44.1 kHz/16 bit) uncompressed stereo recording for best quality, recording capacity and is ideal for music recitals.

MP3 192 kbps-(44.1 kHz/128 kbps) monaural recording for standard quality, 46 hour recording capacity.

MP3 128 kbps-(44.1 kHz/128 kbps) monaural recording for long-play, 69 hour recording capacity.

MP3 160 kbps (mono)-(44.1 kHz/160 kbps) high-quality monaural recording mode, 55 hour capacity.

MP3 48 kbps (mono)-(44.1 kHz/48 kbps) monaural recording for standard quality, 184 hour recording capacity.

MP3 8kbps (mono)-(11.025 kHz/8 kbps) monaural recording for low quality, 1108 hour recording capacity.

SOUND ORGANIZER SOFTWARE BUNDLE FOR PC

Software bundle that allows editing, viewing track marks, CD/DVD burning, playback with Intelligent Noise Cut™ and other useful features.³

STEREO MICROPHONE

Record in stereo with the built-in stereo microphone.

SYNC RECORD

When recording directly from an external device, the Sync Record function can be used to automatically pause the recorder during silence and resume recording when sound is detected.

TRACK MARK

Finding an exact spot in your recording is now easier than ever before. Place up to 98 track marks in each recorded file which can be "jumped" to for playback.

USB PC & MAC® COMPATIBLE

Works with Windows® as well as Macintosh® computers.³

USB CHARGE

Ability to charge a rechargeable battery in the recorder via USB connection.

VOR

Voice Operated Recording starts and stops the recording when sound of a sufficient level is picked up by the microphone. This feature saves valuable recording time by not recording periods when there is little or no sound.

Specifications

Audio

Format(s) Supported	<p>MP3 files: Bit Rate: 8 kbps - 192 kbps, VBR Sampling Frequencies: 16/22.05/24/32/44.1/48 kHz File Extension: .mp3</p> <p>WMA files: Bit Rate: 32 kbps - 192 kbps, VBR Sampling Frequencies: 44.1 kHz File Extension: .wma</p> <p>AAC-LC files*: Bit Rate: 16 kbps - 320 kbps, VBR Sampling Frequencies: 11.025/12/16/22.05/24/32/44.1/48 kHz File Extension: .m4a * Copyright-protected files playback not supported</p> <p>PCM files: Bit Rate: 16 bit Sampling Frequencies: 44.1 kHz File Extension: .wav</p>
Frequency Range	<p>LPCM 44/16: 50 - 20,000 Hz MP3 192k: 50 - 20,000 Hz MP3 128k: 50 - 16,000 Hz MP3 160k: 50 - 20,000 Hz MP3 48k (Mono): 50 - 14,000 Hz MP3 8k (Mono): 60 - 3,400 Hz</p>
Microphone	Built-in, Stereo Microphone
Recording System	Digital Stereo

Audio Features

Microphone Sensitivity Feature	Yes (Hi/Med/Lo)
Recording Features	<p>5 Modes: Linear PCM / LPCM (44.1kHz, 16bit): Non-compressed High-Quality stereo mode SHQ (44.1kHz, 192kbps): Super High-Quality stereo mode HQ (44.1kHz, 128kbps): High-Quality stereo mode SP (44.1kHz, 48kbps): Standard Play monaural mode LP (11.025kHz, 8kbps): Long Play monaural mode</p>

Convenience Features

Erase/Protect	Yes
Message Folder(s)	5 folders
On-Screen Clock	Yes
Safety Lock	Yes (Hold Function)
Search Features	Cue/Review, Easy Search, Track Mark
Voice E-Mail Function	Yes

General

Recording and Playback Times	<p>LPCM 44.1k 6H MP3 192k: 44H 40M MP3 128k: 67H 5M MP3 160k (Mono): 53H 40M MP3 48k (Mono): 178H MP3 8k (Mono): 1073H²</p>
Recording Media	Built-In Flash Memory 4GB ³ and Memory Card Expansion Slot (microSD/M2)
Type of Use	Ultra Portable Voice Recorder

Hardware

Display	Full Function LCD Display with LED operation indicator
Inputs and Outputs	
Headphone Output(s)	1 (Minijack, Stereo) output for headphones 8 - 300 ohms impedance
Microphone Input	1 (Minijack, Stereo) Plug in Power capable, minimum input level 0.9 mV
USB Port(s)	1 (Type-A jack), High-Speed USB Compatible
Memory	
Memory Size	4 GB (approx. 3.6 GB = 3,865,470,566 bytes)
Power	
Battery Type	"AAA" x 1
Output Power	90 mW
Power Requirements	One LR03 (size AAA) alkaline battery: 1.5 V DC One NH-AAA rechargeable battery: 1.2 V DC
Software	
Operating System Compatibility	Windows® 7 Ultimate, Windows® 7 Professional, Windows® 7 Home Premium, Windows® 7 Home Basic, Windows® 7 Starter, Windows Vista® Ultimate Service Pack 2 or higher, Windows Vista® Business Service Pack 2 or higher, Windows Vista® Home Premium Service Pack 2 or higher, Windows Vista® Home Basic Service Pack 2 or higher, Windows® XP Media Center Edition 2005 Service Pack 3 or higher, Windows® XP Media Center Edition 2004 Service Pack 3 or higher, Windows® XP Media Center Edition Service Pack 3 or higher, Windows® XP Professional Service Pack 3 or higher, Windows® XP Home Edition Service Pack 3 or higher, Mac OS X (v10.3.9-v10.6), pre-installed
Supplied Software	Application Software, Sound Organizer (CD-ROM) (Windows® only)
Speaker	
Speaker Dimensions	Approx. 13/16 in. (20 mm) diameter
Type	Built-in
Dimensions (Approx.)	
Dimensions (Approx.)	1.5" x 4.125" x 0.562" (36.6 x 102 x 13.7 mm) not including projecting parts and controls
Weights and Measurements	
Dimensions (Approx) Depth	0.562" (13.7 mm)
Dimensions (Approx) Height	4.125" (102 mm)
Dimensions (Approx) Width	1.5" (36.6 mm)
Weight (Approx.)	2 oz. (58 g) Including one battery
Accessories	
Supplied Accessories	IC Recorder (1) NH-AAA (size AAA) rechargeable battery (1) Stereo headphones (1) USB extension cable (1) Operating Instructions (1) Application Software, Sound Organizer (CD-ROM) (1)
Optional Accessories	Memory Stick Micro™ (M2™): MS-A16GU2, MS-A8GU2, MS-A4GU2, MS-A2GU2 microSD/microSDH: SR-8A4, SR-4A4, SR-2A1 Active Speaker: SRS-M50 Electret Condenser Microphone: ECM-CS10, ECM-TL3 Audio Connecting Cable: RK-G136, RK-G139 Rechargeable battery NH-AAA-B2KN USB AC adaptor AC-U501AD (U.S.A. and Canada only) Compact charger and 2-pc AAA Multi-Use Premium Batteries BCG-34HS2KAN

1. 4 GB (approx. 3.6 GB = 3,865,470,566 bytes), a portion of which is used for data management functions.
2. Unencrypted files only.
3. Included Sound Organizer software requires Windows® 7, Windows Vista®, or Windows XP.

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written permission is prohibited. Sony, Cycle Energy and Intelligent Noise Cut are trademarks of Sony. Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries. Macintosh and Mac are registered trademarks of Apple Inc. Nuance, Dragon, and Dragon Naturally Speaking are registered trademarks of Nuance Communications, Inc. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice.
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