

PENRECORDERPRO

Model: SL200

Visit link below for SL200 Youtube videos:

<https://goo.gl/TGx9X2>



CE FC MSIP-REM-ESO-PCM-008 Made in Korea

Thank you for purchasing the SL200 Pen.
 * Please read this manual carefully and understand all the functions before use.
 * Please write the purchase date, purchase place, etc. on the warranty section.

SL200 Warning and Caution

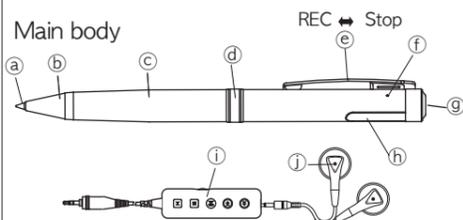
Warning

- * We are not responsible for the loss of recordings due to usage, after-sale service, etc.
- * We are not responsible for any legal damage caused by using this product or 3rd party claim.
- * Please save important recordings onto PC immediately.
- * Please do not submerge or damage this product. This can cause of fire or failure.
- * Please adjust the volume moderately while listening to your recordings so you don't damage your hearing.
- * Please do not use at very low or high temperatures. This can cause of fire or damage the product.
- * Please do not leave this product alone in humid places or in places exposed to oil. This can be the cause of fire or damage.

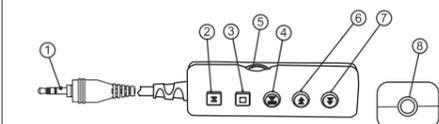
Caution

- * To shock or drop the product can be the cause damage.
- * Please do not use alcohol, benzene or thinner to clean the surface of the product.

Naming of each part

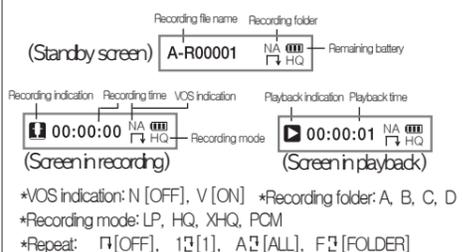


- ⓐBall pen refill ⓑRefill part ⓒRotation part
- ⓓMiddle part ⓔRecording switch ⓕMicrophone
- ⓖJack(Remote controller/Charging) ⓗOLED Display
- ⓓRemote controller body ⓓStereo earphone



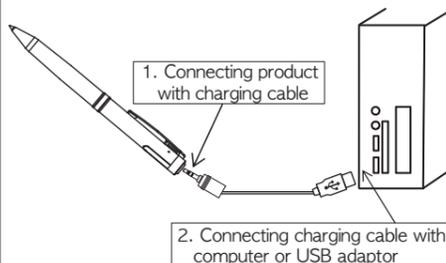
- ①Plug ⓓMode/File time check button
- ③Stop(Power off)button ④Play/Pause/Power button
- ⑤Volume controller ⑥Previous/Rewind button
- ⑦Next/Fast forward button ⑧Earphone jack

OLED display explanation



Preparation before use(Charging)

- *This product has a built-in rechargeable battery. Please charge fully before using.
- *Please plug the USB cable into the top of the pen and then into a USB port of a computer or AC adapter(not included) to charge it.
- *It takes about 2.5 hours to fully charge the pen. (Charging time may vary)
- (Caution) We recommend using an AC Adapter with the spec of 5V and between 600-1000mA. Using a low quality AC adapter or an adapter with the wrong specs could damage the product.



- *Screen while connected to computer..... PC CONNECTED
- *Screen while connected an AC Adapter..... CHARGING....

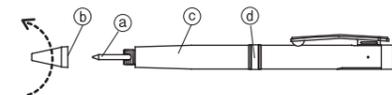
Remaining battery check

Charging status can be checked by remaining battery indication on OLED display.



Writing & Changing Ink

- * When you hold the middle part(ⓓ) and spin the rotating part(ⓓ) right and left, the ink will come out or go in.
- * To change out the ink cartridge, please hold the rotating part(ⓓ) and continue to turn the part of pen refill(ⓓ) to the left and when it is separated, pull ball pen refill out and insert new one into hole carefully.
- * Ink cartridge size specs: 5799-236-510(51mm)



Specification

Item	Specification
Recording time (battery standard)	PCM: about 7 hours, XHQ: about 10 hours, HQ: about 12.5 hours, LP: about 13 hours
Playback time	about 8 hours (battery standard)
Charging time	about 2 hours 30 minutes
Earphone	10mW / 32 ohm
Dimension	φ 11.4 * 142.5
Weight	21.8g
Temperature	0°C~40°C

Recording time per recording mode and memory capacity

Recording mode / Memory	1GByte	2GByte
PCM	about 3hours	about 6hours
XHQ	about 16hours	about 32hours
HQ	about 65hours	about 130hours
LP	about 130hours	about 260hours

Product composition

- ① SL200 Pen
- ② USB cable
- ③ Remote controller
- ④ Stereo earphone
- ⑤ User's manual



Warranty Card

Dealer :
 Address :
 Telephone :

Product	Digital Voice Recorder
Model	SL200
Purchase date	
Purchase place	
Tel.	
Other	
Period	1 Year Warranty
Customer	Name
	Address
	Tel.

Not Covered Under Warranty
 -Malfunction caused by careless handling when using.
 -Malfunction caused by user's modification of the product.
 -Malfunction caused by act of such as fire, salt, flood, earthquake and etc.
 -1 Year warranty period has been expired.

FCC Note
 Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Caution
 This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, any, cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures ;
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

Recording

When you slide the clip/recording switch (ⓓ), down, the OLED screen will turn on and the pen begins to record.



You can see the recording progress on the OLED screen.

*When there is no remote controll plugged in & screen display time is set to OFF, it records without the OLED screen turning on (discreet).

Slide the clip/recording switch up to stop recording and save the current audio file. (Recordings must be longer then 3 seconds to save)



*When you stop recording without remote controller, OLED display is turned off regardless of screen display time.

File names are named in chronological order. (Folder name-R00001, folder name-R00002, and so on)

*If the recordings reach over 999 files. The file name will change. (for example) The next file after A-R00999 is saved as B-R00001.

*When recording capacity is full, [DISK FULL] is shown.

*The SL200 does NOT support time/date stamping of recordings.

Power Reset Function

If the pen is malfunctioning and you want to reset it, make sure pen is turned off and then plug it into a computer USB port. When it connects, the pen is reset auto-matically and is restarted. (*Files that are stored are not deleted.)

Using remote controller

Turning on power

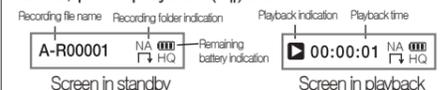
Connect remote controller into the pen. The OLED screen will turn on and so will the pen. (*If the pen is turned off when you connect the remote, press playback button shortly and the pen will turn on)

Turning off power

- Long press the stop (■) button of remote controller (more than 3 seconds). [Bye Bye] is shown and disappears on OLED screen and power is turned off.
- When it is not used for 1 minute in state of power-on, power is turned off automatically. (Caution) When remote controller is connected while pen is turned off, battery is used little by little. Please do not keep the remote control plugged in while you are storing it. (Caution) You can not turn off power with remote controller while it is recording. Turn off power after you stop recording.

Listening to recording(playback)

After connecting remote controller into the pen and selecting a file with previous(◀) or next(▶) button, press playback(▶||) button.



- When you click previous(◀) or next(▶) button during playback, it will move to previous or next file.
- When you long press previous(◀◀) or next(▶▶) button during playback, it will rewind or fast-forward within the file during playback.
- To pause playback, click the playback/pause(▶||) button. To stop playback, click the stop(■) button.

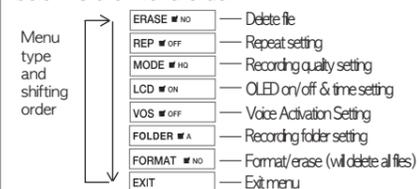
Changing folder (folder to be played back)

Long press playback(▶||) button while in standby screen or playback. When [A Folder] shows, you are in the change folder screen, move to wanted folder with previous(◀) or next(▶) button and click the playback(▶||) button to select the folder you want to playback from. (*If there is no file in the folder, [NO FILE] is shown.)

Checking the time of recording file
 When you press M button shortly, the time of recording file is shown by the units of hour, minute, second. ex.) For example, 1 min 10 sec is show as: 00 : 01 : 10

Settings menu

- To get into the "settings menu" long press the "M" button while in the standby screen. The screen will display [ERASE NO].
- After you are in the settings menu click the "M" button to move from one menu item to the next, below is the menu order:



- Changing menu setting: when you click previous(◀◀) or next(▶▶) in a selected menu, setting is changed. When you click "M" button again after changing the setting, it moves to next menu.
- Changing menu setting: when you long press "M" button (more than 3 seconds), the setting is changed and it returns to standby screen.

Erasing file and formatting

When you select ERASE or FORMAT in menu selection and set "YES" with previous(◀) or next(▶) button and press playback(▶||) button shortly, ERASE or FORMAT is performed. When you do not press playback(▶||) button and move to other menu, ERASE is canceled. (To prevent erasing file unintentionally, we have added one step of confirmation.)

Menu explanation

- ERASE : it deletes selected file. Before entering into menu, the file that was shown on the previous screen is deleted. (NOTE: it is impossible to restore deleted files.)
- REP : it selects repeat mode. *OFF: it plays back all files in current folder once and stops. *1: it repeats one file being shown in screen. *ALL: it repeats all files in the folders of A,B,C,D. *FOLDER: it repeats all files in selected folder.
- MODE : it selects recording sound quality. *PCM: it records with best sound quality like original voice(WAV) *XHQ: it records with high sound quality(MP3) *HQ: it records with standard sound quality(MP3) *LP: it records with low sound quality for a long time(MP3)

Recording mode	PCM	XHQ	HQ	LP
Recording quality	705 kbps	128 kbps	32 kbps	16 kbps

- LCD : it selects screen display time. *60SEC: screen is turned off after 60 seconds. *30SEC: screen is turned off after 30 seconds. *10SEC: screen is turned off after 10 seconds. *3SEC: screen is turned off after 3 seconds. *ON: screen is turned on all the time. *OFF: screen is not turned on during recording in order to keep a discreet appearance. (if you use the remote control in this mode, screen is turned on after 10 seconds)

VOS : it turns on or off voice activation mode. *OFF: it turns off voice activation mode. (continuous recording) *ON: it turns on voice activation mode. (When sound is not detected, the recording is paused temporarily and when sound is detected, recording is restarted automatically which enables you to use memory efficiently.)

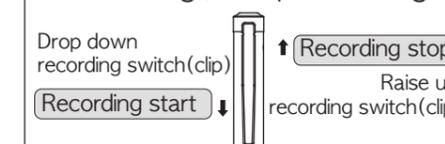
FOLDER (folder selection for recording) it selects folder to save recording file. There are 4 folders of A,B,C,D and changed folder is applied from next recording.

FORMAT : it initializes product. All files in memory are deleted and optional value of menu is initialized.

EXIT : it exits out of menu(returned to standby screen)

Basic way to use for recording and playback

Recording / Stop recording



Playback / Stop playback

