Ultra Small Digital Phone Recorder for Smartphones

Operation Manual

FSV-U2

Version 1.0

•Thank you for choosing our Digital Voice Recorder FSV-U2
•Please read this manual carefully before starting operation.
•Please keep this manual with a Warranty card herewith in a safe place for future reference.

Caution: The 4-pole plug in this product is designed for the use with iPhone only.
Please contact our dealers for inquiry on the use with other smart phones.

▌Safety Information ▐

The safety information set forth in this manual is to ensure the safety for users and to avoid any loss of property. You, therefore, are requested to read the information in this manual carefully and use the product correctly as instructed

- We shall not be liable for any loss arising from the use of this product and any claim made by a third party.
- We shall not be responsible for damages caused by the loss of the recorded contents due to the product failure, repair or other reasons.

Precautions for the purpose of safety

- Do not disassemble or alter the product arbitrarily. It may cause a fire or a failure.
- Do not listen to the voice loud through an earphone for a long time. It may cause a hearing loss.
- Do not drop or apply a strong impact on the product. It may cause a product failure.
- Do not use this product either in a high or low temperature or in a place with a high humidity.

Do not try to repair or disassemble this product in case of the product failure but contact our customer service center or the dealer from whom the product was purchased.

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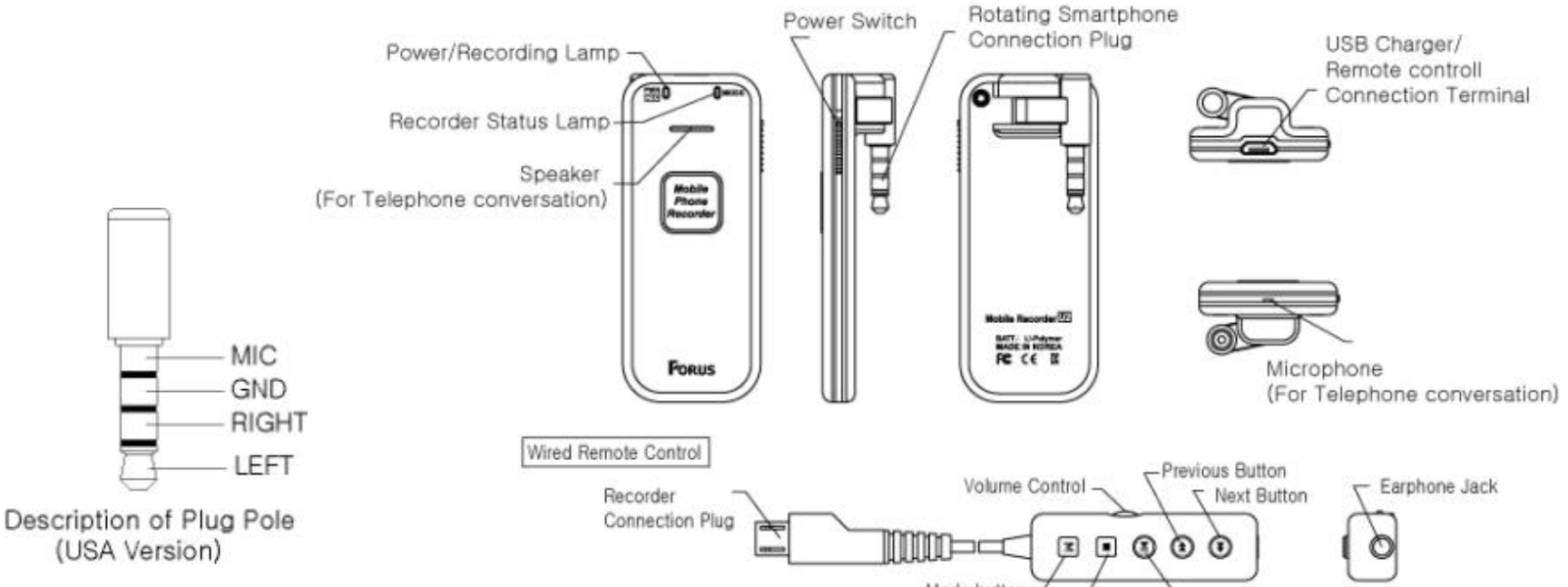
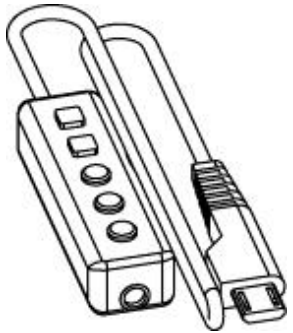
▌Name of each part of the Product ▐

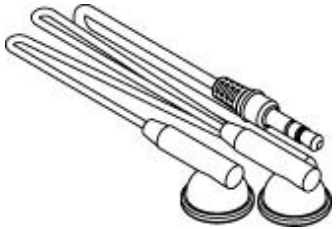


▌Package Contents ▐

Voice Recorder



Wired



Earphone

USB Cable

Remote Control

▌ To be prepared before use (Charging the Battery) ▐

This product is powered by a rechargeable built-in battery. Please be sure to fully charge the battery when the product is used for the first time after purchase.

Connect one end of the USB cable to the Recorder and the other end to a USB port of a PC to start charging. (The PC power must be turned on). The Mode lamp will be ON in green during charging and the green lamp will start blinking as soon as the battery is fully charged. When the battery is running out while using the product, a triple beep sound will be heard and the power will turn automatically off. (You can check it through the earphone when using the remote control)

A battery charging time from the point the battery is fully discharged takes approximately 2.5 hours and it lasts about 20 hours for recording and 18 hours for play-back.

Please disconnect the USB cable from the Recorder and reconnect it if the Mode lamp does

not turn on right after connecting it with the Recorder.

▌ How to check a battery level ▐

This product is powered by a rechargeable built-in battery.
The battery life may vary depending on the product usage environment. (The more frequently the battery is charged, the shorter the battery life becomes)

A battery level can be indicated by a status of the Mode lamp as shown below right after the remote control is connected to the remote control connection terminal of the product in the condition that the recording (power) switch is in a " stop" position

Battery Level	Indication by the mode lamp
More than 70%	Mode lamp will be on in green for 5 seconds
30% ~ 70%	Mode lamp will be blinking in green for 5 seconds

Less than 30%	Mode lamp will not be on

▌Recording ▐

To start recording, turn on the power switch by pushing it upwards and then the power/recording lamp will be on in red. Recording will start in approximately 7 seconds after the recording lamp is on in red.

In case that no additional memory space is available or that the number of total files saved reaches up to 99, recording will not be made properly. In this case, warning beep sound will be heard for 3 seconds (available through the earphone only) and the recording will be automatically stopped.

Recording time by memory capacity

Memory Capacity	2GB	4GB
Recording time	72 hours	144 hours

• Note •

A new recording file will be automatically created every 5 hours in case that the recording continues for longer than 5 hours.

• Recording of General Sound/Voice

The product starts recording the sound detected by the built-in microphone as soon as the power/recording switch is pushed upwards. You can also listen to the sound being recorded through the earphone connected via the remote control (Monitoring function)

Starting recording

• Recording of Phone Conversation

The recording of the phone conversation will be ready when the smartphone connection plug in the product is connected to the ear microphone jack in the smartphone.
Conversation can be made using the speaker (receiver) and the built-in microphone of the recorder (Telephone conversation is possible even the recorder power is turned off) and the

Recording the phone

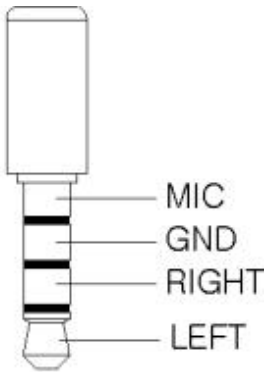
recording the conversation will start in 5 seconds after the power/recording switch is pushed upwards.

• Note •

The smartphone connection plug in the product is originally designed suitable for iPhone. Any smartphone compatible with the ear microphone of iPhone (possible to talk through an ear microphone) can be used with this Recorder for the recording of telephone conversation. (See picture in the right for the description of plug pole)

Please contact us or our dealer in case you are not sure if your smartphone is compatible with iPhone.

In some smartphones, howling may be heard in the other end in case that the recorder is connected while talking over the phone.
(Be sure to connect the Recorder to a phone before calling)



Description of Plug Pole
(USA Version)

• Precautions •

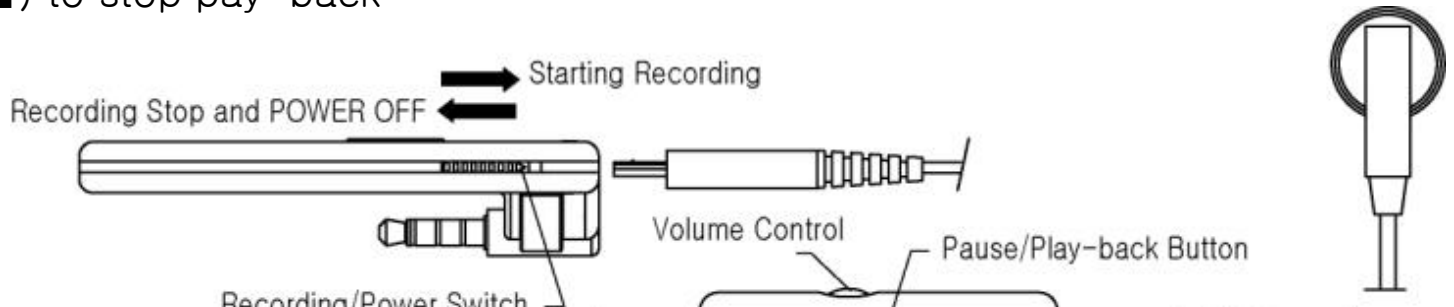
It is requested that all important files or any file needed to be kept permanently be coped or backed

up in your PC. Manufacturer shall not be liable for the data loss or damages incurred by the loss due to the product failure, repair or other reasons.

▌Playing Back ▐

All functions hereinafter are available only when the product is used with the remote control connected to the Recorder.

Set the volume to the maximum after connecting the Recorder to the remote control. Connect the remote control to the Recorder while power/recording of the product is in ” OFF” position. Press play-back button (▶ ‖)to play back the saved file. Adjust volume by using the volume control. Press play-back button (▶ ‖) again to pause play-back or stop button (■) to stop pay-back



▌File Searching ▐

This is a function used to search for data saved in the files
You can select a file you want by pressing previous (◀◀) button or next (▶▶) button in the stop position.

- Searching for files in the Intro-Scan mode

If you press and hold play-back button for longer than 3 seconds in the stop position, the first 5 seconds of each file will be automatically played back. When you find the file you want to play back, press play-back button again to play back the file continuously.

- Move to and play-back the first and last saved files

If you press and hold previous (◀◀) button or next (▶▶) button for longer than 3 seconds in the middle of play-back, the first or the last saved file will be played back.

- File Search Modes for quick Movement and Play-back

By pressing previous (◀◀) button or next (▶▶) button in the middle of play-back, you can move to the previous or next point or file and play back depending on the searching mode you preset. (file movement/Search Function 1/Search Function 2).
In this file search function, you can find a target point/file with ease.
You can set the searching mode of your choice by pressing Mode (M) button in the middle of play-back, which produces different beep sounds depending on the searching mode as follows.

Model Selected	Beep Sound	Previous (◀◀) Button	Next(▶▶)Button
File Movement	Beep Sound	Go to previous file	Go to next file
Search Function 1	Double Beep	Move to the point 20	Move to the point 20

		seconds earlier	seconds later
Search Function 2	Triple Beep	Move to the point 2 minutes earlier	Move to the point 2 minutes later

▌ File Deleting ▐

This is a function used to delete saved files from the memory
In case that the total number of the file saved in the memory reaches to 99 or that no additional memory space is available, you have to delete existing files to secure a space for additional recordings.
Play back the file you want to delete and press stop (▣) button in the middle of play-back. Press (▣) button again and hold it for longer than 3 seconds until a double beep sound is heard and the file at the same time will be played back for a short period of time to confirm if it is the exact file you wish to delete. Press stop (▣) button to delete the selected file or any other button to cancel the deletion.

- Precautions •

The file deleted in the recorder can’t be restored. To avoid such a mistake, you can download the files to your PC and manage them in your PC. Manufacturer shall not be liable for the data loss or damages incurred by the loss due to the failure, repair or other reasons.

▌How to turn power off ▐

If you push the power/recording switch downwards in the middle of recording, recording will stop and the recording lamp will be off.

If you press stop (▣) button in the remote control or disconnect remote control from the recorder in the middle of play-back, play-back will stop and power will go off.

Be sure to store the recorder with the remote control disconnected as the power is continuously consumed to keep the product ready for the signal from the remote control while the remote control is connected with the product.

▌How to set VOR(Voice Operated Recording) Mode ▐

This is a function to use the product efficiently removing an opportunity for the unnecessary recording by activating the product to record only when the sound is detected and to stop recording temporarily when no sound is detected.
Press and hold mode (M) button for longer than 3 seconds in the stop mode until blue recording status lamp is turned on and press stop (▣) button to set VOR mode with the blue recording status lamp blinking. To cancel VOR mode, press and hold mode (M) button again for longer than 3 seconds and the recording status lamp will be turned off to confirm the cancellation of VOR mode.

Recording Status Lamp blinking in Blue: VOR ON
Recording Status Lamp is turned off : VOR OFF

• Note •

A new recording file will be automatically created every 5 hours in case that the recording continues for longer than 5 hours.

▌How to use it being connected to a PC ▐

You need to connect the Recorder to a PC to download the files in the recorder to a PC and to charge a battery.

Connect the Recorder and a PC through the USB cable which comes with the product as one of standard accessories. The mode set for the Recorder will be changed to USB connection mode and charging mode regardless of the mode (recording or play-back) set previously.

In order to make sure a stable battery charge and data transmission, it is recommended to connect the USB cable directly to a USB port in a PC not a USB hub. (In case the power of the USB hub is not adequate, it may result in a longer battery charging time and frequent data transmission errors. This problem can be solved by supplying the USB hub with extra

power)

If you select “ F” drive in your PC and open the folder in the drive, all the saved files in the Recorder will be displayed. You can select files and store, copy or move them for your own purpose.

▌Product Specification ▐

Name	Digital Phone Recorder for IPhone
Recording Quality	64kbps, 22.05kHz, Mono
Recording Time	2GB: 72 Hours 4GB: 144 Hours
Max. recording files	Up to 99 files
Dimensions	29.0(W) x 7.2(D) x 69.0(H) except for plug part, 25g
Charging Hours	Approximately 2.5 Hours
Power	3.7V Li-Polymer battery 290mA
Operating Time	Continuous Recording: 20 Hours, Continuous Play-Back: 18 Hours

Input	Internal: Amnidirectional Condenser Microphone, 4-Pole Plug
Operation Temperature	0℃~ 40℃
Accessories	USB Cable, Wired Remote Control, Earphone, Manual

Warranty Card

1. This product was manufactured in accordance with the strict quality control and inspection procedures and the free warranty will be available for the defects occurred in a normal use within warranty period.
2. In case of the defects listed in the chargeable warranty, service charge associated with the repair will be applied even within warranty period.
3. This warranty card is valid only within Korea.
4. Please contact the dealer from whom the product has been purchased in case that you find your product defective.

Product Name:	Digital Phone Recorder	Model:	FSV-U2
Date Purchased:		Warranty Period:	1 year
Dealer Name:		Telephone No.:	

Customer Information:	Address	
	Name	
	Telephone No.	

<Chargeable Warranty> Improper use and inadequate handling, arbitrary modification by a user and Acts of god such as fire, salt, flood, earthquake, etc.

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