

Cautions in use

- * We are not responsible for the loss of recordings caused by wrong usage, A/S, other reasons.
- * We are not responsible for the damage or third party's claims caused by the usage of this product.
- * Disassembly, remodeling, impact, the usage in place of low temperature, high temperature, high humidity can be the cause of failure.
- * Please save the important recordings into PC frequently.

FCC Caution

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.

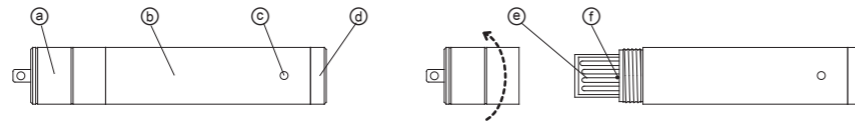
FCC Note

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, may 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.

Name of each part

Ⓐ Holder Ⓑ Body Ⓒ Micro-phone Ⓓ Recording switch Ⓔ USB terminal Ⓕ Status light



Charging the unit

- * This product has built-in rechargeable battery. (Please charge it before use.)
- * When you hold Ⓑbody and turn Ⓐholder counterclockwise, it is separated.
- * When you connect ⒺUSB terminal into the USB port of PC, Ⓕstatus light is turned on and charging starts. (* When charging is completed, status light blinks.)

Charging time : about 2 hours

Battery remains indication

- * When recording starts or the body is separately from PC or USB AC adaptor after charging, status light indicates battery remains into 3 classes according to battery remains for 5 seconds.

Status light	Turned off	Blinking	Turned on
Battery remains	0~30%	30~70%	70~100%

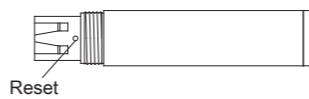
Connecting into PC
(PC O/S: Windows XP, Vista, 7, 8, 10)

- * When this device is connected into the USB port of PC (USB can be connected only in the state of recording stop.), it is recognized as a removable disk.
- * For playback, please use the music playback software of PC.

** Caution : When you take the product out of PC, please be sure to perform "safe removal of hardware". If you remove USB forcibly, fatal error can happen to the product.

Reset the unit

- * When product does not work normally, please turn off power by force with reset switch. (When lamp is not lit in charging and when recording or USB recognition does not work)



Press switch inside hole with the tip of ball pen lead, and it is initialized.

- ** Caution : In case of pressing reset switch during recording, the file being recorded can be damaged.

Format

- * When you format MemoQ(removable disk), all data of product is deleted.
- ** Caution : It supports the format type of FAT32 only. If you change to other type, product can not work properly.
- ** Caution : Data deleted once can not be restored.

Specifications

Model	MQ-U400N			
Memory	4GB	8GB	16GB	
Recording time	XHQ	about 72 hrs	about 144 hrs	about 288 hrs
	HQ	about 144 hrs	about 288 hrs	about 576 hrs
Hours of battery use	XHQ	about 13 hrs		
	HQ	about 15 hrs		
Hours of battery charge	about 2 hrs			
Max number of recording files	9,999 files			
Dimension, Weight	14.4mm(Φ) x 75mm(L) , 16.5g			
Battery type	3.7V, Li-Polymer 230mAh			
Usage environment	Temperature:0~ 40°C, Humidity:20~80%			
Accessory	User's manual			

Paid service

- Defect caused by careless use.
- Defect caused by user's internal modification.
- Defect caused by natural disasters like fire, salt damage, flood, earthquake, etc.
- Defect out of warranty period.

Warranty Card

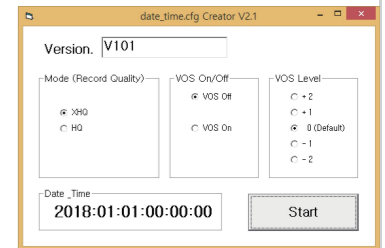
Product name	Pen Voice Recorder
Model no.	MQ-U400N
Purchasing date	
Purchasing place	
Tel.	
Etc.	
Warranty Period	One year from purchasing date
Customer	Name
	Address
	Tel.

Setting before record

- Time setting
- Recording sound quality setting
- VOS On/Off setting
- VOS level setting

Time setting

- 1) After USB connection on PC, perform the program of "Time Setup" saved in product by double-click, and the right window of "date_time.cfg Creator" appears.
 - 2) Click the button of "Start" in the window of "date_time.cfg Creator", and file of "date_time.cfg" is created in product.
 - 3) Separate product from PC, and battery remains is indicated on Ⓕstatus light and lamp blinks rapidly and time setting is completed.
- Caution-1. Date and time set in PC is set up automatically. (Time to click the button of Start is set up at the point of separating product.)
- Caution-2. When battery is discharged, date is initialized. Before record, perform time setting again and use it.



Recording sound quality setting

- * In Mode(Recording Quality) within right window of "date_time.cfg Creator", select XHQ or HQ and click the button of "Start", and setting is completed.
- * Basic setting is "XHQ".

Memory		4GB	8GB	16GB
Recording time	XHQ(Super High Quality)	about 72hrs	about 144hrs	about 288hrs
	HQ(High Quality)	about 144hrs	about 288hrs	about 576hrs

* Recording time is the standard of memory capacity and is different from the hours of battery use (continuous recording time).

Voice operated recording setting(VOS On/Off)

- * You can set up VOS On and VOS Off.
- * Select VOS On or VOS Off in the right window of "date_time.cfg Creator" and click the button of "Start", and setting is completed.
- * Basic setting is "VOS Off".
- * VOS Off : record continuously regardless of the volume of sound.
- * VOS On : responding to circumjacent sound, when there is sound, recording starts and when there is no sound, recording pauses. (Because sound only more than a certain volume is saved, you can find the necessary content quickly and memory is saved and it is suitable for long-time recording.)
- ** Caution : in setting VOS On, in case of low sound, recording can not proceed and important content can be lost.
- ** Caution : Hours of battery use are the same regardless of VOS On/Off setup.

VOS level setting

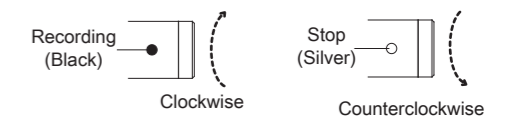
- * You can set up the volume of sound to start recording in sound detection recording.
- * In VOS Level within right window of "date_time.cfg Creator", select one among "+2, +1, 0, -1, -2" and click the button of "Start", and setting is completed.
- * Basic setting is "0".
- * Please change after testing according to place and situation.

VOS Level				
-2	-1	0	+1	+2
(response to loud sound)	...	(basic setting)	...	(response to low sound)

Recording is possible without setting. (Basic setting : Sound Quality-XHQ, VOS-Off)

Recording

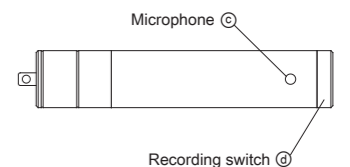
- * When you turn on(clockwise) Ⓓrecording switch, battery remains are indicated on Ⓕstatus light after about 5 seconds and recording starts. (it is not seen in the state of holder assembly.)



- * When you turn off(counter-clockwise) Ⓓrecording switch, recording stops and recording content up to now is saved.

- * Recording file is saved in the folder of VOICE as a format of MP3. (Recording more than 5 hours is split and saved by the unit of 5 hours.)

- * When recording files exceed 9,999, recording is not possible any more. Please delete unnecessary recording files and use it.

Recording for a long time
(use of external power)

- * When you connect it into PC or USB adaptor during recording, you can record for a long time. While you record for a long time, charging indicating lamp blinks in the interval of 5 seconds and you can record up to the recording time per memory.