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.
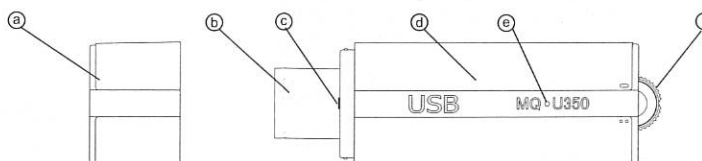
FCC Note
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designd to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can 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.

Name of each part

ⓐCap   ⓑUSB Terminal   ⓒCharging indicating lamp   ⓓBody   ⓔMicrophone   ⓕRecording Switch

Charging

Charging time : about 2 hours

* This product has built-in rechargeable battery.
* Please charge it before use.
* When you open ⓐcap and connect ⓑUSB terminal into the USB port of PC, ⓒcharging indicating lamp is turned on and charging starts.
* When charging is completed, charging indicating lamp blinks.

Battery remains indication

* When recording starts or the body is separated from PC or USB adaptor after charging, the lamp indicates battery remains in three stages for 5 seconds according to battery remains.

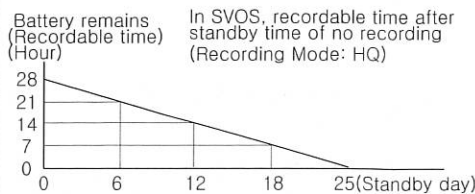| Lamp indication	Turned off	Blinking	Turned on
Battery remains	0~30%	30~70%	70~100%

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

* When this device is connected into the USB port of PC after making recording switch in stop position, 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.

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.

Correlation table between recordable time and standby time

Battery remains (Recordable time) (Hour)

In SVOS, recordable time after standby time of no recording (Recording Mode: HQ)

Standby time means the time to stand by without recording due to no sound during SVOS recording.

This product stands by for about 25 days(about 600 hours) in SVOS mode in state of full charge. In actual use, it repeats sound detection recording and stop and standby day error can occur.

The left graph is the graph of recordable time and standby day. Standby day becomes short proportionally to recorded time.

Specifications

Model		MQ-U350		
Memory		8GB	16GB	32GB
Recording time	XHQ	about 144 hrs	about 288 hrs	about 576 hrs
	HQ	about 288 hrs	about 576 hrs	about 1152 hrs
Hours of battery use	XHQ	about 23 hrs		
	HQ	about 28 hrs		
Super Voice Operated System(SVOS)		Recording standby time : about 25 days		
		Voice detection level : about 60dB(A)		
Max number of recording files		9,999 files		
Dimension, Weight		68(W) x 21(H) x 11(D)mm, 14.7g		
Battery type		3.7V, Li-Polymer 180mAh		
Usage environment		Temperature:0~ 40℃, 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

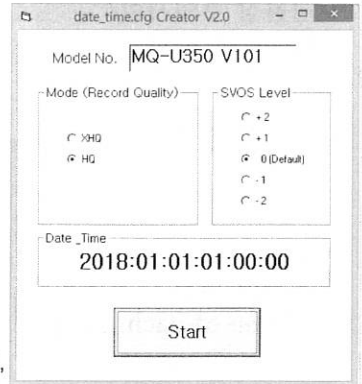| Product name	USB Memory & Voice Recorder
Model no.	MQ-U350
Purchasing date	
Purchasing place	
Tel.	
Etc.	
Warranty Period	One year from purchasing date
Customer — Name	
Customer — Address	
Customer — Tel.	

How to record

Setting before record

- Time setting
- Recording sound quality setting
- SVOS level setting

Recording is possible without setting.
(Basic setting :
Sound Quality-HQ, SVOS-0)

🕐 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 charging lamp 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.

```
┌─ date_time.cfg Creator V2.0 ──  _  □  ×─┐
│  Model No.  MQ-U350 V101                 │
│  ┌ Mode (Record Quality) ┐ ┌ SVOS Level ┐│
│                              ○ +2         │
│    ○ XHQ                     ○ +1         │
│    ⦿ HQ                      ⦿ 0 (Default)│
│                              ○ -1         │
│                              ○ -2         │
│  ┌ Date _Time ─────────────────────────┐ │
│       2018:01:01:01:00:00               │
│                                          │
│              ┌──────────┐                │
│              │  Start   │                │
│              └──────────┘                │
└──────────────────────────────────────────┘
```

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 "HQ".

| Memory		8GB	16GB	32GB
Recording time	XHQ(Super High Quality)	about 144hrs	about 288hrs	about 576hrs
	HQ(High Quality)	about 288hrs	about 576hrs	about 1152hrs

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

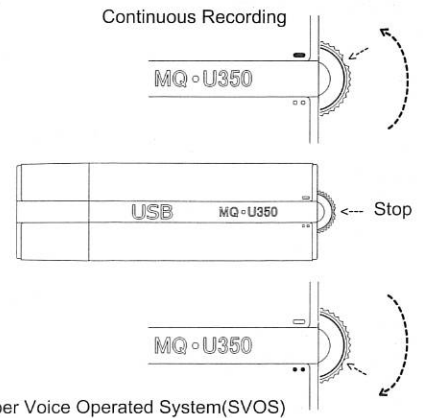### SVOS level setting

* You can set up the volume of sound to start recording in sound detection recording.
* In SVOS 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.

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

Recording

* When you turn ①recording switch to the direction of 「━」, continuous recording starts after about 5 seconds.

* When you turn ①recording switch to the direction of 「••」, super voice operated system(SVOS) starts after about 5 seconds.
In case of super voice operated system, if there is no sound for 1 minute during recording, it saves recording and is converted to standby mode and start recording again automatically when sound is detected.
(Max recording standby time : about 25 days)

* When you move the slot of ①recording switch to the center, recording stops and current recordings are saved.
Recording file is saved in the folder of VOICE as a format of MP3.

* In case of continuous recording, recording less than 5 hours is saved to one file and 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.

* We recommend continuous recording if you can control recording start and stop with voice recorder carried and we recommend SVOS recording when you install voice recorder in specific place and can not control recording start and stop.

Continuous Recording

MQ•U350

USB   MQ•U350   ←--- Stop

MQ•U350

Super Voice Operated System(SVOS)

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.