### **MP3** Repair Guide

 1. Basic

 Product
 MP3
 Model Name
 YP-U5

 Buyer
 All buyer
 Index NO
 MP3-R041

### 2. Symptoms

### □ Booting Error, No Power, Malfunction

- Booting Error : When you turn on the unit, it stop and halt booting.
- No Power : ① Charging the battery ② Upgrade firmware with recovery program ③ Check the PBA and the battery
- Malfunction : the Display halts and any key is not operated.

### 3. Cause

#### Soft Error

- ; Firmware has damage or work abnormally
- $\rightarrow$  When Customer upgrades the unit with new version,
  - he does with the wrong process

or disconnect with PC while firmware upgrading.

### 4. Method

Component Repair			Firmware Update		
Loc' no	Spec.	Parts Code	Before	After	
			-	Recovery Update	



## YP-U5 Recovery Update

- when normal update is impossible

- when the set can't power on
- when the set operates abnormally.

2009.04.09

## When Recovery update is needed?

- 1. Symptom
  - -. Power on/off doesn't works.
  - -. YP-U5 doesn't connect to computer when insert USB.
  - -. Display is not normal. .
  - -. You can not access removable Disk (YP-U5).
- 2. Solution
  - A. General F/W Upgrade
  - B. Recovery F/W Upgrade
    - -. Firmware has damage or work abnormally.

## Step 1. Recovery Update

1. Download Recovery program and decompress on your PC



Execute "U5\_updater.exe".
 Display "please connect device".

- TP-05_Ver0.0	P-05 Finnware optiate			
File Edit View	Updater Information	Device Details		
A Parts - A	Version: 1.815.0.000	Chip ID:		
G back -	Base SDK: SDK5.00	ROM Revision:		
ddress 🙆 US_verC	US8 Vid_Pid: 04E8_5120	External RAM:		
Name -	Bound Resources: 6	Virtual RAM:		
firmware.sb	Firmware Version Details Current Firmware Version	Seriel#:		
		Mode:		
	Upgrade Firmware Version	Protocol Version:		
	000.882.000	Media Details		
	Show Details	Type:		
-	Data Area Details			
-	5.00 F 100			
a ferral and	Free space:			
ALC: LAN	File pystem:			
The second second	Sector Size:			
The solar	Sector Count			
A la characteria	Download Options			
A DESCRIPTION OF	Format Data Area	File System: FAT32 💌		
and in the second second				
	Ful Media Erase			
A CONTRACTOR		Please connect device		
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and I summaries that it is not				
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## Step 1. Recovery Update

 Connect YP-U5 with pushing & holding "User Key" to PC, display "initial" and then "Ready".



Select "Format data area",
 "full Media Erase" and file system: FAT32,
 then push the "Start" button.

P-05 Firmware Opdate	
Updater Information	Device Details
Version: 1.815.0.000	Chip ID:
Base SDK: SDK5.00	ROM Revision:
USB Vid_Pid: 04E8_5120	External RAM:
Bound Resources: 6	Virtual RAM:
Firmware Version Details	Serial#:
Current Firmware Version	
000.000.000	Mode: HID
Upgrade Firmware Version	Protocol Version:
000.882.000	/ Media Details
Show Details	Type: Unknown
Data Area Details	
Free Space:	
File System:	
Sector Size:	
Sector Count:	
Download Options	
🖌 Format Data Area	File System: FAT32
E I Mada Fraza	
	Ready

## Step 1. Recovery Update

 Start to update, and then pop up the format message, please chooses "Yes"



- 6. Update completed.
- Disconnect YP-U5 from the USB, check that YP-U5 display "Updating", YP-U5 will be turn on automatically.
- 8. Check all function.
- 9. Step 1 completed.

P-05 Firmware Opdate	
Updater Information Version: 1.815.0.000 Base SDK: SOK5.00 USB Vid_Pid: 04E8_5120 Bound Resources: 6 Firmware Version 000.000 000.000.000 Upgrade Firmware Version 000.882.000 Show Details Data Area Details Firee Space: Fie System:	Device Details Chip ID: ROM Revision: External RAM: Virtual RAM: Seriel#: Mode: HID Protocol Version: Media Details Type: Unknown
Sector State: Sector Count: Download Options Full Media Erase	File System: FAT32 V
	Start Close

# Step 2. AUI(Audio User Interface) Update

1. Download the "YP-U5\_AUI" and decompress on your PC

Name 🔺	Size	Туре	Dat	e Modified		
	16 239 KB	File Folder	2/18	2009 2:29 P	M	
Se tros_Mot.zb	10,239 KB	WINNAR 21P dr	01176 2/19	72009 1145 PI		
Name 🔺			Siz	е Туре		^
01_Main_	_menu_n	nove.wav	38 KI	B Wave	Sound	-
🔰 02_List_N	Menu_M	ove.wav	14 K	B Wave	Sound	
03_Back.	wav		21 K	B Wave	Sound	
04_Select	t.wav		21 K	B Wave	Sound	
05_Popuj	p.wav		19 K	B Wave	Sound	
06_Noke	y.wav		21 K	B Wave	Sound	
07_Batte	ry_warr	ning.wav	50 K	B Wave	Sound	
08_Play_	Pause.v	vav	14 K	B Wave	Sound	
🔊 09_FF.w	av		21 K	B Wave	Sound	
10_REW.	wav		22 K	B Wave	Sound	
15_REC_	Start.w	av	42 K	B Wave	Sound	
16_REC_	Start.w	av	43 K	B Wave	Sound	
chinese_	1hour.w	av	38 K	B Wave	Sound	
Chinese	2hour.w	av	48 K	B Wave	Sound	~
<	<u>CUI</u>				>	

\* The folder contents are like side :

- 2. Connect YP-U5 to PC and copy "YP-U5\_AUI" folder to YP-U5.
- 3. Disconnect YP-U5 from the USB ; check that YP-U5 display "Updating".(When battery level is not enough, "Updating" can not execute. Please try after charging.)
- 4. Turn on and check booting sound of AUI.
- 5. Step 2 completed.

# Step 3. Regional Configuration Update

1. When you change regional configuration, download the "Config.dat". And look for your country folder

Folder	Country	Туре	Firmware Region Ex) ver 1.XX US	Basic Language
USA	US, Canada, Australia, New Zealand	MTP	US	English
Europe	Europe	MTP	EU	English
France	France	MTP	FR	French
China-S	China	UMS	CN	Simplified Chinese
China-T	Hongkong, Taiwan	UMS	CN	Traditional Chinese
Japan	Japan	UMS	JP	Japanese
Russia	Russia	UMS	RU	Russian Language
Turkey	Turkey	UMS	TR	English
World Wide	World Wide (other countries)	UMS	WA	English

- 2. Copy the "Config.dat" to YP-U5.
- Disconnect YP-U5 from the USB, check that YP-U5 display "Updating", YP-U5 will be turn on automatically.
- 4. Turn on and check F/W regional version in "Settings → System → About"
- 5. All step completed.

