

MP Air 3000

maraest
MARASST INCORPORATION



..... www.marasst.com

User Manual

Product Specification

- Supporting Multi Codec format (MP3, WMA,AAC)
- Voice Recording function
- Learning Mode (track repeat support)
- USB 1.1 mass storage removable disk
- High resolution large LCD and Sky blue backlight
- One Secure Digital card slot (does not support MMC)
- 1 x AAA Batteries (Alkaline or Ni-Mh Rechargeable)
- Language Support: English, French, Spanish, German, Chinese (simplified)
- Memory up to 1Gbytes(512M build-in /512M SD slot)
- EQ. Mode (NORMAL/CLASSIC/ROCK/JAZZ/POP)
- FM tuner with 10 channels for user preset
- **FM DJ** broadcasting function (87.7/88.1/88.5/88.9MHz). Can reach any FM receiver within ~ 2 meters radius.
- Up to **12 Hrs** Battery operation life(MP3/FM radio) (actual time varies depending on operation condition)
- Up to **4 Hrs** in FM transmitter mode.
- Dimension : 66mm x 60mm x 13.8 mm
- Weight: 49g Main Unit (without battery)
58g Main Unit (with battery)
179g Accessories with box
228g Gross Weight

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About FCC Regulation

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE, RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED OPERATION.

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 try 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.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Note: This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Copyright Notice

- The copyright of this documentation belongs to Marasst Inc. Any unauthorized distribution or reproduction of the manual is prohibited and may result in legal penalties.
- MP-Air is the trademark of Marasst Inc. (Patent Pending)
- WMA is the registered trademark of Microsoft Inc.
- The copyright to any software of firmware upgrade belongs to Marasst Inc. Any unauthorized distribution or reproduction of the software is prohibited

Package Content

Service Policy

Marasst's commitment to our customer is to provide the highest quality in products and services. If the customer suspects the product is not functioning properly, please contact Marasst Service Department for assistance. Once a defective product is determined, the customer will receive a Return Merchandise Authorization (RMA) number for repair or replacement. Please contact service@marasst.com for technical support.

Limited Warranty Coverage

All Marasst's MP-Air products feature a one (1) year parts and labor limited-warranty. Marasst warrants its products against defects in merchandise and workmanship under normal use and service for six months from the original date of shipment. If the product became defective during its warranty period, Marasst will, at its option, repair or replace the defective unit with new or reconditioned unit or parts.

The customer is responsible for all shipping charges to the warranty location. This warranty does not cover any loss of business, profits, or other consequential damage, either real or perceived, that may have resulted from any malfunction of the product. Damage from flood, lightning strikes, earthquake, any other natural disasters, mishandling, dropping, or infestation is not covered by this warranty. This warranty is also void if Marasst determines that the product has been damaged due to insufficient packaging during the return shipment. Marasst reserves the right to determine whether alterations have been made, or damages caused, by such facts that would serve to void the terms of warranty.

Excluded Products and Problems

This warranty does not apply to: (a) Marasst software products; or (b) expendable components such as cable or battery. Marasst provides no warranty of any kind on such products which, if included, are provided "AS IS." Excluded is damage caused by accident, misuse, abuse, use of non-Marasst supplied or approved media, misuse of software, or external environmental causes.

Obtain Warranty Service

If the defected product is eligible for warranty service, the customer will be provided with a RMA number and shipping instruction. Please include the proof of the date of original purchase or the proof of warranty registration with the shipment. A service fee may apply to the repair process even if there was no problem found after examination.

THE WARRANTY STATED ABOVE IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.

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5. Recording:

- **Menu** > Settings > Record Setting – to enter record mode.
- Press **Action** or **Menu** to start/stop. Press **REC** to pause ().
- LCD display shows current recorded time and the maximum time that can be recorded (based on memory size).
When exceeding the maximum size, **Disk Full** message will be displayed.

6. Erase Files:

- **Menu** > Settings > Erase Files – to enter Erase Files menu.
- Select the source folder **Music** or **Voice** that contains the file(s) wish to delete.
- Locate the file(s) wish to delete and confirm file delete.
- Hold **Menu** button to exit.

7. About MP-Air:

- **Menu** > Settings > About MP-Air – to display MP-Air information.
- Display MP-Air version and total internal/external memory information.

External Resource – SD Memory Card

- **Menu** > Setting menu > About MP-AIR – to display internal/external memory size information.
- When connect MP-Air

Hold Function

- Shift **HOLD** button to lock all button functions,  icon will be displayed.

Note: If **HOLD** button is locked before turning on MP-Air, MP-Air will start up and display **>LOCKED<** then shut down.

Error Messages

- External Media Error!
Remove and reinsert,
or reformat if the
problem is persistent. → SD CARD cannot be recognized.
- Error! Reformat
external media with
SigmaTel formatter. or Error! Reformat
internal media as
FAT16. → SD CARD format does not match.
- Error!
Reformat
Media → SD CARD information cannot be retrieved by system.
- Low Battery
Shut Down ... → MP-Air will be automatically shutting down soon.

USB Connection

Music: (MP3 icon) Music Play / On-Air Mode

Voice: (V icon) Voice Play / Record Mode

FM Tuner: (FM icon) FM Radio / Record Mode

Settings: (gear icon)

- EQ**
 - Normal
 - Rock
 - Jazz
 - Classical
 - Pop
- Play Mode**
 - Normal
 - Repeat 1
 - Repeat All
 - Shuffle
 - Shuffle Repeat
- Contrast**
 - Contrast Level (Default @ 80%)
- Backlight**
 - Backlight On / Backlight Off
- Power Saving**
 - Disable
 - 1 min
 - 2 mins
 - 5 mins
 - 10 mins
- Record Setting**
 - Source: MIC / FM
 - Encoder: IM ADPCM/MS ADPCM/PCM
 - Channel: Mono (in MIC) / Stereo
 - Device: Internal / External

Rate: 8000Hz/11025Hz/16000Hz/22050Hz(default)/32000Hz/44100Hz/48000Hz

<< Exit Menu >>

Recording: (dot in circle icon) Record from FM / MIC source

Erase Files:

- Music
- Voice
- << Exit Menu >>

About MP-Air

<< Exit Menu >>

Operation Modes

■ Basic Function:

- > Press **Action** button to turn on MP-Air.
- > Hold **Action** button to turn off MP-Air.

1. Music Mode: (Default Mode)

- **Menu** > Music – to enter music mode.
 - **Play** – Press **Action** button to play mp3/wma files () or to pause ()
 - **On Air** – Hold **REC** button for 3 seconds to initialize FM transmitter mode () (87.7MHz/88.1MHz/88.5 MHz/88.9MHz).
Press **REC** button to switch the channel. To shut off FM transmitter mode, hold **REC** for 3 seconds.
- # **Note:** FM transmitter mode will be switched off when the user intends to enter **SETTING** menu, memory card insert/release, or to shut off MP Air by holding **Action** button for 3 seconds.

2. Voice Mode:

- **Menu** > Voice – to enter voice mode.
 - **Play** – Press **Action** button to play wav voice files () or to pause ()
 - **Record** – Press **REC** button to record voice ()
- LCD displays recorded time and maximum time that can be recorded (based on memory size).
When exceeding the maximum size, **Disk Full** message will be displayed.
(Files generated from Voice recording are saved in **Voice** folder)

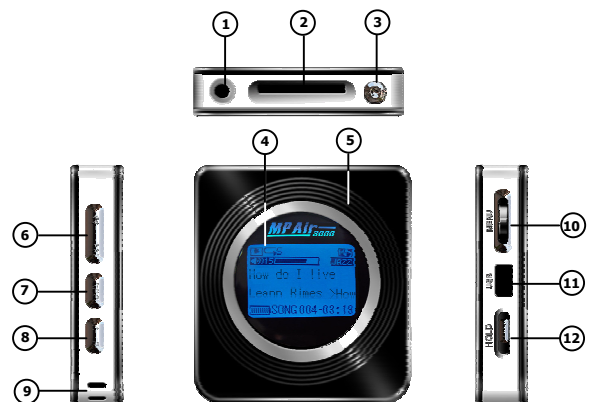
3. FM Tuner Mode:

- **Menu** > FM Tuner – to enter FM radio mode.
 - **Channel** – Scroll **Menu** button up/down to search for channels.
 - **Mute** – Press **Action** button to mute and un-mute FM radio.
 - **Save** – Use **A-B** button to select a preset channel then scroll **Menu** button up/down to search for preferred channel and hold **Action** button to save the channel to replace that preset channel.
 - **Select** – Press **A-B** button to select saved channels.
 - **Record** – Press **REC** button to record FM radio ()
- Press **Menu** button to exit FM radio recording.
LCD displays recorded time and maximum time that can be recorded (based on memory size).
When exceeding the maximum size, **Disk Full** message will be displayed.
(Files generated from FM recording are saved in **FM** folder)

4. Settings:

- **Menu** > Settings – to enter settings menu.
- # **Note:** All action modes will be suspended when entering settings menu.

Product Overview



- | | | |
|--------------------------|---------------------------|-------------------------|
| 1 – Earphone Jack | 5 – Microphone | 9 – String Hole |
| 2 – SD Memory Card Slot | 6 – Volume Control | 10 – Menu Button |
| 3 – Action Button | 7 – REC Button | 11 – USB port |
| 4 – LCD Display | 8 – A-B Button | 12 – Hold Switch |

LCD Display

