

Boom'N Pro

**MP3 Player
+
USB Flash Storage Disk**

User's Manual

Version 1.0

Overview and Acknowledgments

Thank you for purchasing *Boom'N Pro* MP3 Player + USB Flash Storage Disk. It is a music player which supports MP3 and WMA audio file type. It also provides real time voice recording feature. With pre-set equalizer, you can enjoy your most favorite songs with different sound effect. You can use it as a Flash Storage Disk by transferring data and files to computer through USB connection.

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Manual Version 1.0

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Product Features

- Supports MP3 & WMA audio files
- Direct Drag & Drop files
- With Voice Recording Function
- With Backlight LCD Display
- With Pre-Set Equalizer (Normal, Rock, Jazz, Classic & Pop)
- Driverless for Windows © ME / 2000 / XP

Specification

- Playback methods : Circular mode and preview mode
- LCD display : Backlight with 96x32 pixel
- Voice recording : 5 hours on 64M and 10 hours on 128M of high quality voice Recording
- Data storage : Driver is needed only on Windows 98
- Interface : USB 1.1 compliant
- Battery : 1 x Alkaline AAA size battery for 12 hours playback time
- Earphone : Unique integrated earphone with neck strap
- Signal to noise ratio : 90dB
- Power output : 5mW + 5mW
- Frequency response : 20Hz – 20KHz

Inside the Package

- One **Boom'N Pro** MP3 Player
- One neck strap earphone
- One Alkaline AAA size battery
- One USB extension cable
- CD-ROM with Application Software and Driver
- User's Manual

Minimum System Requirement

- Windows 98 / 98se, Windows Me, Windows 2000 and Windows XP
- One available USB Port
- CD ROM drive required for driver installation (Windows 98 / 98se only)

Product Illustration



1. USB Connection Jack
2. LCD Display
3. Volume Control (+ & -)
4. Earphone Jack
5. Power / Play / Stop Button
6. Microphone
7. Voice Recording / A-B Button
8. Function Stick
(upward, downward, inward)
9. Hold Switch
10. Battery Box

Operation Guide

A. Getting Started

- **Power On / Off and Playback**

Insert battery and connect earphone. Press and hold ►/|| for seconds until the LCD turns on. Press ►/|| again to start playing music. To power off, press and hold ►/|| until “Shut Down” lights up.

- **Pause a Track**

During playback, press ►/|| for pause. Press again to continue playing.

- **Track Reverse / Forward**

Move the function stick upwards or downwards for playing next or back track respectively.

- **Fast Forward / Rewind**

Move and hold the function stick upwards or downwards for rewind or fast forward.




- **Volume Control**

Press + to increase or - to decrease volume.




- **Function Lock**

Follow the arrow to slide the HOLD switch to lock all buttons.

- **Repeating a Section of Track Continuously**


Press  while playing a track to mark the beginning of section where you want to start (A). Press  again to where you want the section to end (B). It will repeat the marked section (A→B) continuously. To cancel the operation, press  again and it will continuous to play the track after the end of the marked section (B).

- **Voice Recorder**


To start voice recording, press and hold  until "REC" lights up. Press  again to stop voice recording. The recording track will be automatically saved as a new WAV file. You can press  to playback the current track.

B. Accessing Menu

1. Language Menu

Press and hold Function Stick inwards for seconds to enter the Language Menu. Move Function Stick to select English or Simplified Chinese and press  to confirm selection. To exit, press Function Stick inwards again.

2. Function Menu

Press Function Stick inwards once to enter the Function Menu. Move Function Stick to select the following functions and press  to confirm or enter selection. To exit, press Function Stick inwards again.

**MUSIC → VOICE → EQ (Equalizer) → REPEAT → DELETE → DELETE ALL
→ PREVIEW → CONTRAST → MEMORY → BACKLIGHT → SHUTDOWN**

- **MUSIC**

It plays back MP3 and WMA music files.

- **VOICE**

It plays back WAV audio files and recording voice.

- **EQ (Equalizer)**

Move Function Stick to select desired EQ type.

ROCK → JAZZ → CLASSIC → POP → NORMAL

- **REPEAT**

Move Function Stick to make choice of the following features.

~ ONE : consecutively repeat current playing track

~ ALL : consecutively repeat playing all tracks

~ SHUFFLE : random track playing

~ REP SHUFFLE : random track playing and consecutively repeat all tracks

~ NORMAL : playing track in sequent

- **DELETE**

Move Function Stick to select the file you wish to delete. Press ►/|| to confirm.

- **DELETE ALL**

To delete all files, press ►/|| to confirm.

- **PREVIEW**

The first 10 seconds of each track will be played one by one as a title preview.

- **CONTRAST**

Set the LCD Display Contrast by moving Function Stick and press ►/||.

- **MEMORY**

Show total memory and remaining memory.

- **BACKLIGHT**

Move Function Stick to set when Backlight will switch off after operation.

5 secs → 10 secs → Always ON → Disable

- **SHUT DOWN**

Move Function Stick to set when the player will automatically power off.

1 min → 2 mins → 5 mins → 10 mins → Disable

**** Important Notes ****

If the player works not properly, release and insert battery again to restore.

Driver Installation

- **Installation Procedure for Windows 98 / 98se**

1. Do **NOT** connect *Boom'N Pro* to the computer.
2. Insert CD ROM driver and run **SETUP**. After installation procedure, **RESTART** the computer.
3. Connect *Boom'N Pro* to the computer with provided USB cable and power on.
4. Computers will automatically detect *Boom'N Pro* and install necessary driver.
5. After installation, you will see “Removable Disk” icon in “My Computer”.

- **Un-Install Driver for Windows 98 / 98se**

1. Click Start → SigmaTel MSCN Audio Player → Uninstall
2. Follow on-screen steps to remove the driver from computer.

- **Installation Procedure for Windows Me / 2000 / XP**

1. Windows Me / 2000 / XP already has driver built-in.
2. Connect *Boom'N Pro* to the computer with provided USB cable and power on.
3. Computers will automatically detect *Boom'N Pro* and install necessary driver.
4. After installation, you will see “Removable Disk” icon in “My Computer”.

Transferring Files

1. Connect **Boom'N Pro** to the computer with provided USB cable and power on. You will see "READY" on the LCD Display.
2. Go to "My Computer" and click "Removable Disk" for **Boom'N Pro**.
3. Drag and drop files into **Boom'N Pro**. "WRITING" will flash on LCD Display during transferring. Do not remove **Boom'N Pro** until data transfer completed.
4. You can also transfer data from **Boom'N Pro** to your computer. "READING" will flash on LCD Display during transferring. Do not remove **Boom'N Pro** until data transfer completed.
5. As **Boom'N Pro** can work as a USB Flash Storage Disk, you can create folders and store files in any format.

**** Important Notes ****

- You can format **Boom'N Pro** but all data will be erased. Click Start → SigmaTel MSCN Audio Player → MSCN Format
- A pre-installed "VOICE" folder and "SETTINGS.DAT" files can be found when ex-factory. VOICE folder to keep voice recording WAV files. "SETTINGS.DAT" saved your menu setting option. Both can be erased by delete or during formatting process. They will be automatically created afterwards.
- **Boom'N Pro** only supports playing MP3 and WAV files in **ROOT Directory**.
- Tracks are played in the order that they are transferred. If a track is deleted, the next track that is transferred takes its place.