

MINIBLUE

User Manual

Federal Communication Commission Interference Statement

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 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.

FCC Caution: To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 undesired operation.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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Chapter I: Introduction

Miniblu is a revolutionary product, which is not just a USB2.0 MP3 player, but also a bluetooth headset which can take a call while your mobile phone rings.

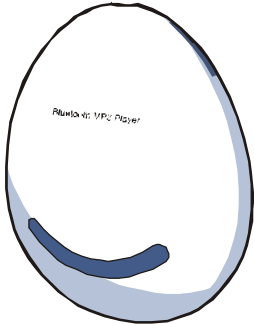
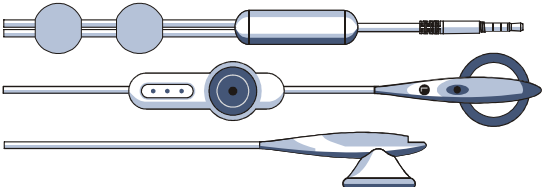
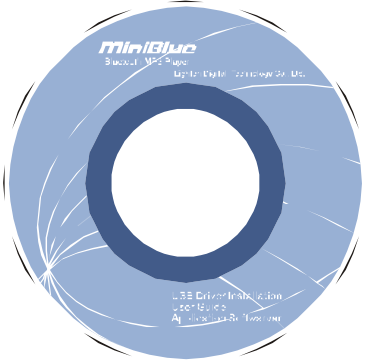
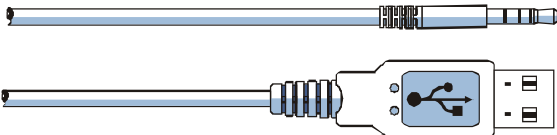
Moreover, Miniblu is really a miniature gadget with a sleek outlook. The most excited, it is designed with ease of use like iPOD shuffle: NO LCD, NO Complexity.



Chapter II: System Requirement

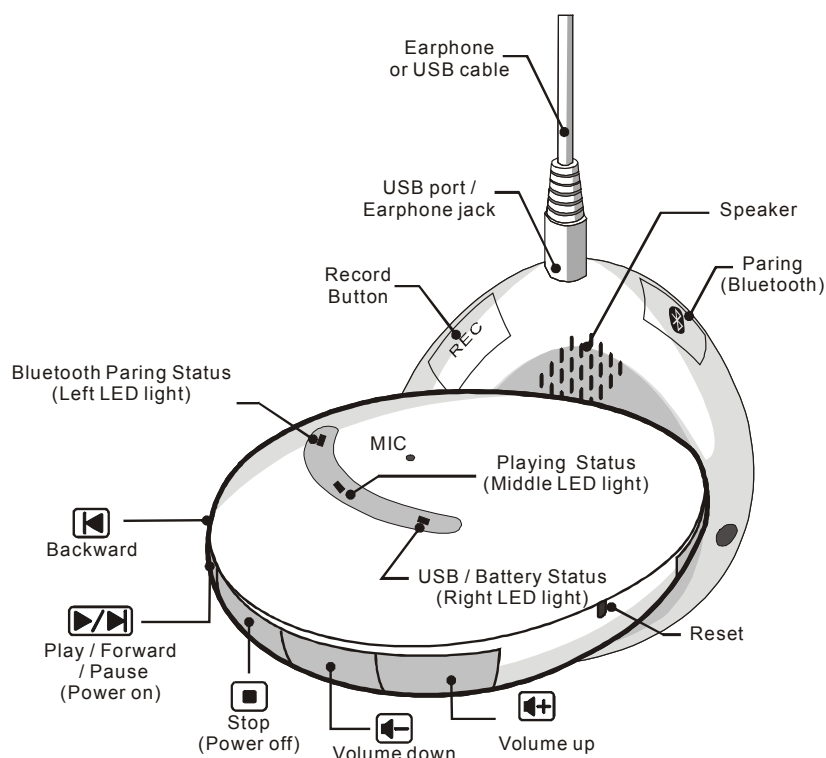
Intel Pentium III 233MHZ or higher
128MB or higher
20MB or higher
Microsoft Windows 98/ME/2000/XP、 Mac OS 9.x
USB 1.1 / 2.0
CD-ROM Driver

Chapter III: Packing List

MiniBlue	
Earphone	
CD-ROM (Manual / Drive)	
USB Cable	

Chapter IV: Getting Started

1. Outlook



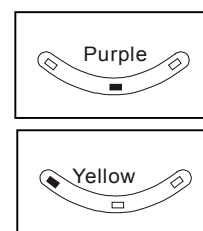
2. How to use Bluetooth function

(1) How to make a connection with your mobile phone

A. Pairing

Pairing is the first step you need to do before using Bluetooth functions. Pairing MiniBlue with the phone by adding it into a list of paired devices in the phone. To do this, please follow the steps below

1. Press Play key  to turn on MiniBlue if it is off.
2. Make sure MiniBlue is within 1m range with the phone.
3. Press STOP key  to pause music playing. (Middle LED turns color to purple)
4. Hold Bluetooth button  until left LED flashing yellow.



5. Refer to your user's manual of mobile phone to pair MiniBlue and your phone. The pairing procedure must be done within 2 minutes; otherwise, Minibluе will return its previous state.

Example:

Here we set Sony Ericsson as an example. Put the phone near by the MiniBlue and press Navigator button to enter Menu. Scroll to Connectivity, Bluetooth, My devices, New Device. Press Add to let your phone search for available devices, and then you will find MiniBlue on the list.

6. Select and enter MiniBlue password:0000 as the phone asks for it on the display. After few seconds, you will read the "Adding successful message" Congratulation! You phone and MiniBlue are paired together.

B. Linking

After pairing up, your phone and MiniBlue can be linked automatically while there is a call coming, however, besides pairing, some mobile phones need to do another step "Connect" manually to enable bluetooth function every time when you power on your mobile phone (but do not need to pair again if you keep your pairing record on your phone), for example, Nokia series and some Symbian OS phones. Please also refer to your mobile phone user's manual.

(2) Answer a call

Once you pair up MiniBlue to your Bluetooth phone and get them connected, you can answer an incoming call with MiniBlue without holding your mobile phone by the following steps:

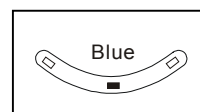
1. Whenever there is a call coming, MiniBlue will switch to Bluetooth Mode and MiniBlue will "ring" the music file stored in MiniBlue through speaker.
2. Press Bluetooth button  to answer the phone call.
3. Hold Bluetooth Button for more than 2 second to reject the call.
4. Press Bluetooth again to stop the call.

Note: The file you put in the RING directory will be the default ring music.

3. Basic Operation

(1) Music Playback

1. Put on earphone.
2. Press Play key  to power on. MiniBlue will go into its default state to play music. LED flashes blue while playing.
3. Press  to move backward and  forward.
4. Press / to adjust volume down and up respectively.

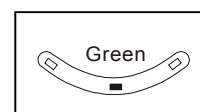
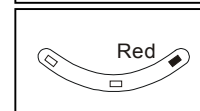
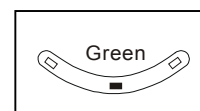


(2) KEY LOCK

1. Press and Hold Play key  to lock all MiniBlue keys (Key Lock) except Bluetooth Key.

(3) ADD / DELETED FILE

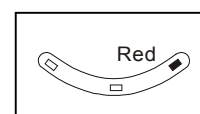
1. Plug USB connector to MiniBlue (the same Jack as earphone) and connect it to PC. The middle LED turns green to indicate successful connection and right LED turns red to indicate charging.
2. You can see a new removable drive in the Explore.
3. Copy files to the drive to add files. When files are transferring, middle LED flashes between green and indigo.
4. If you want to delete files, choose the files and click deletion.



(4) Charge

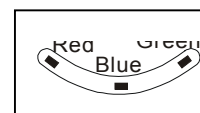
1. To charge MiniBlue, use USB cable to connect MiniBlue to PC.

Note: if battery low, right LED flashes red, LED turns green if MiniBlue is fully charged.



(5) POWER OFF MiniBlue

1. Press and Hold STOP key  to power off MiniBlue, left, middle, right LED turns red, blue, green respectively to indicate that MiniBlue is going to power off.



4. Record

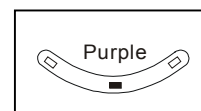
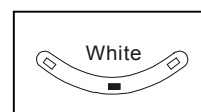
(1) Record the dialog

When you are making or answering a phone call, you are able to have the dialog recorded into WAV file.

1. While making a phone call, press the REC button  to start recording the current phone conversation into files name as B001, B002, B003, etc

(2) MIC RECORD

1. If you are not calling or answering a phone, press REC  will enable MIC recording.
2. Press REC  button again to pause recording, middle LED remains white.
3. Press STOP  to stop recording and return to music playback, middle LED turns purple.
4. All files are recorded into VOICE directory. Press  /  together to play voice files in the VOICE directory.



5. Install USB driver

If your system cannot support USB 2.0, you can install USB 2.0 driver from Driver Installation CD.

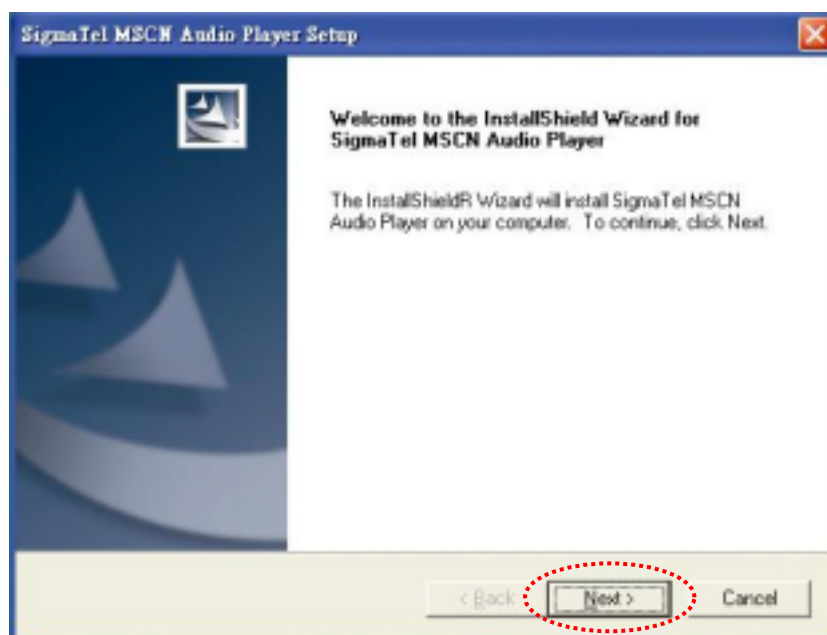
Step 1.

Insert Driver Installation CD into PC, choose Setup.exe, and run the program. You will see the menu below

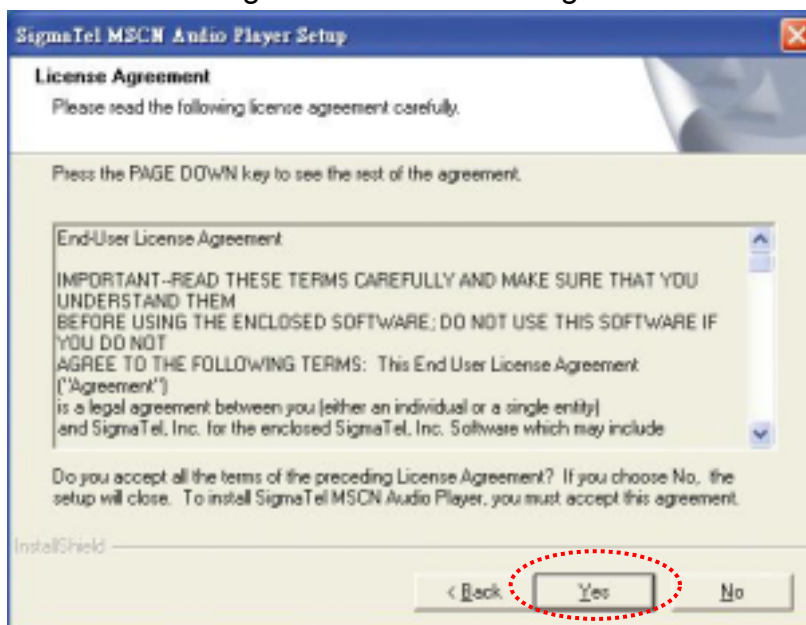


Step 2.

Follow the instructions of this Wizard.

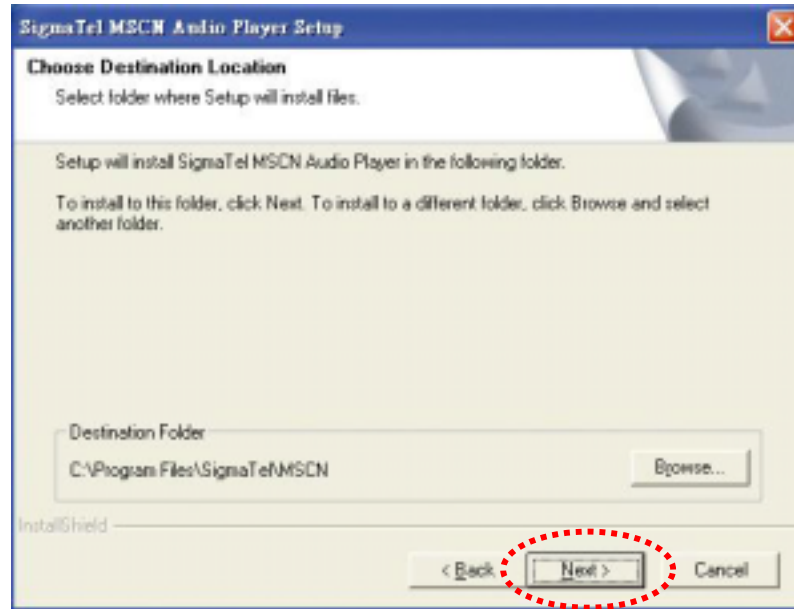
**Step 3.**

Choose YES to agree with the license agreement and enter next menu.

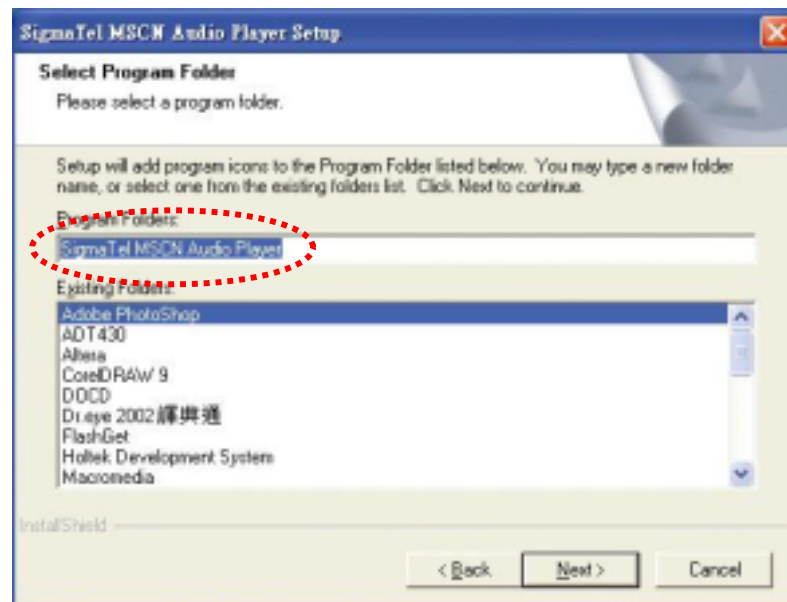


Step 4.

Choose your directory path, for example: C : \$ Program Files \$ SigmaTel
\$ MSCN。

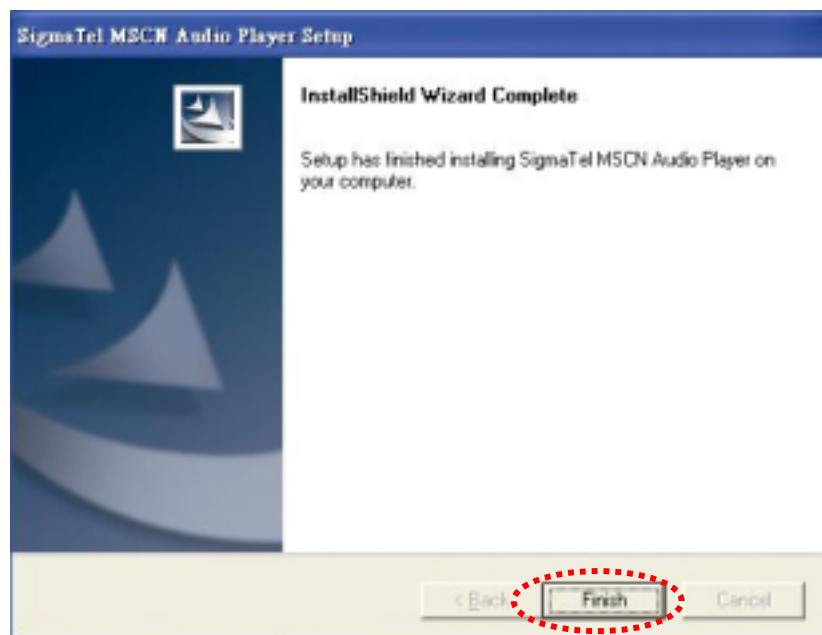
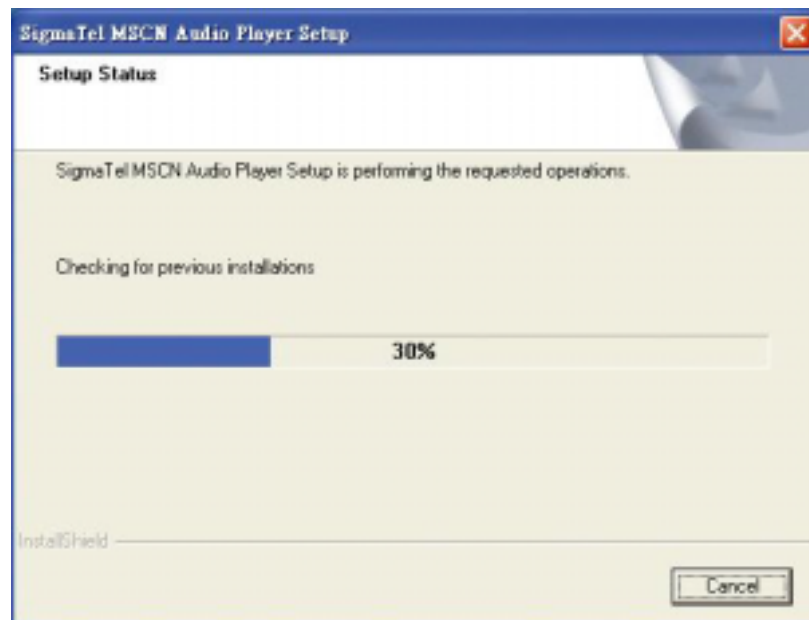
**Step 5.**

Choose Program folder, you can just choose SigmaTel MSCN Audio Player or choose from existing folders.



Step 6.

Click "Completion" to finish the installation.



Chapter V: Specifications

Classification	Item	Specification
File support	MP3	32~320kbps / 32KHz , 44.1KHz and 48KHz
	WMA(DRM)	64~320kbps / 44KHz 64~192kbps / 48KHz
	WAV(ADPCM)	32kbps / 8KHz
Size		53×45×18 (L×W×H) mm
Weight		36 g (including battery)
Battery		Rechargeable Li-Polymer
USB		USB 2.0 High speed Compatible with USB 1.1
Bluetooth	Spec.	Bluetooth SIG Specification 1.2
	Output Power	0~4 dBm Output Power-81 dBm Receiving Sensitivity
	Profile	Headset / Hands-Free Profiles Up to 10 Meters Range (Open Space)
Record quality		WAV(ADPCM) : 32kbps / 8KHz
Unit OP Mode		Music mode Recording mode Bluetooth mode
Memory	Size	128MB ~ 1G
	Chips	Single chip
	Type	Single / Dual Die all support
I / O Ports		Earphone output USB Speaker
Audio	Frequency range	20Hz ~20KHz
	S/N Ratio	>90dB
	Microphone sensitive	-3 db
	Harmonic Distortion	< 0.1%
	Output Power	Earphone: 30mW / 32Ω stereo Speaker: 60mW / 8Ω mono
Recording Functions	Source	MIC / Bluetooth
	Format	ADPCM
Range of operation temperature		-5°C ~ 40°C

Chapter VI: Safety Instructions

1. Always read the safety instructions carefully.
2. Keep this User's Guide for future reference.
3. Keep this equipment away from humidity.
4. Never contacting the player with water.

Damage to the internal parts of the player may occur if the player gets wet.

5. Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unlevelled surface, or in a car with its windows closed.
6. Bluetooth Cellular Phone Support List :

Nokia Bluetooth Cellular Phone	3650、 6310i、 6600、 8910、 N-Gage、 6230
Motorola Bluetooth Cellular Phone	V600
Siemens Bluetooth Cellular Phone	SX1
Sony Bluetooth Cellular Phone	T39mc、 T68、 T68i、 T610、 T630、 Z600、 P800、 P900、 K700i、 S700
Panasonic Bluetooth Cellular Phone	X70