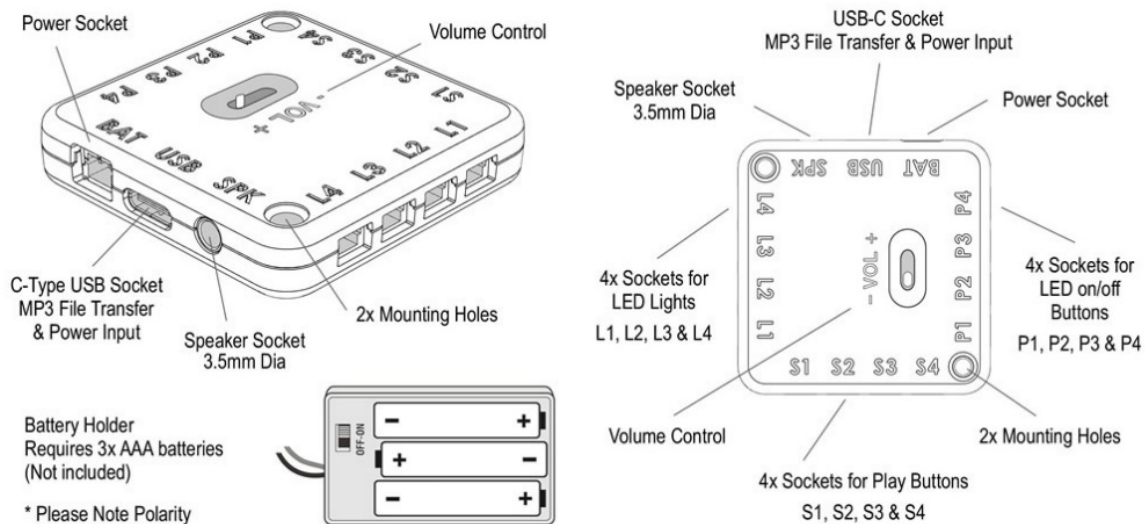# COSVOX COS-BNE-01 Cosplay Sound Modul with LED Light Set User Guide

COSVOX Cosplay Sound Module with LED Light Set
Product Code: COS-BNE-01
User Guide V1.0



Thank you for choosing Talking Products Ltd. We hope you enjoy using this MP3 sound module and we are here for support if you need any assistance. Please see contact details overleaf. Please read these instructions carefully and retain for reference.

**Contents**

## Battery Power

The Battery Holder requires 3x 1.5V AAA batteries, (not included). Alkaline batteries are recommended.
Rechargeable NiMH AAA Batteries can also be used.
Slide the power switch to the OFF position and insert the batteries according to the polarity, (see diagram).
The plug from the Battery Holder must be plugged into the Power Socket, 'BAT', (see diagram).
**Note:** The Operating Voltage range of this module is 4.5 to 6 Volts.
This voltage range provides the option to use alterative Battery Holders, such as 4x 1.5V AA batteries or 4x 1.5V D Cell batteries.

## Alternative Power Supplies

The USB socket can also be used to supply to the module. Disconnect the Battery Holder and choose another power source such as a USB Power Bank or an AC Mains Power Adapter. Max input 6 Volts.
How to download your MP3 sound file(s)
Connect the module to a spare USB port on a computer via the USB Socket, (USB cable not included). Once the module is recognised by the computer as a 'Removable Disk', you will be able to drag and drop MP3 files into the internal memory of the module.
There are four folders in the memory, named ButtonS1, ButtonS2, ButtonS3 and ButtonS4. These folders relate to the Play Buttons on the module. MP3 files in the folder named 'ButtonS1' will be activated by the

Play Button that is plugged into the socket marked 'S1', and MP3 files in the folder named 'ButtonS2' will be activated by the Play Button that is plugged into the socket marked 'S2', etc etc.
Notes: Remove any unwanted files from the memory. You may load as many files as you wish into each folder, but the total size of all folders must not exceed 8MB. We recommend that your MP3 files are Mono, 128kbps, 44.1kHz, 16 Bit. Please also ensure that  your file name does not include any symbols, such as – #">+/etc.
When you have finished downloading your sound files, disconnect the module from the computer by disconnecting the USB cable.

**Play Buttons**
There are four Play Buttons included in the pack. Plug one button into each of the sockets marked 'S1, S2, S3 and S4' as required.

**Speaker**
The phono plug from the Speaker must be plugged into the Speaker Socket marked 'SPK'.
Note: Alternative speakers can be connected to the module using the 'SPK' socket. The module can also be connected to an AUX socket on any external speaker to achieve a louder playback volume. The cable length could also be extended by using a 3.5mm  Phono Extension Cable, (bought separately).

**Volume Control**
Slide the Volume Control Switch left or right to adjust the sound volume to your required level.

**LED Lights**

LED lights can be plugged into sockets marked L1, L2, L3 and L4. The LED on-off buttons can be plugged into sockets marked P1, P2, P3 and P4. Socket P1 controls socket L1. Socket P2 controls socket L2.
Socket P3 controls socket L3. Socket P4 controls socket L4. The power output for sockets L1, L2, L3 and L4 is 3.3 volts, which provides options to connect LED strips if required. Please contact Customer Services for assistance if required.

**How to playback sounds**

Slide the power switch on the Battery Holder to the ON position. Press one of the Play Buttons once to hear a sound. If you wish to stop the playback at any time, press the button again. If you have downloaded more than one sound file in a folder, each time you  press the button one sound will play.
**Note:** Your sounds will playback in a numerical or alphabetical sequence based on the file names. Sounds will not play randomly.

## Troubleshooting

a) This module will only play sound files saved in MP3 format. The total size of your file(s) cannot exceed 8MB. Try editing to make your file size smaller. Methods include, i) Reducing playback time, ii) Changing the sound file from Stereo to Mono, or i) Altering  the sample rate. If you require assistance with editing, please contact us and we will try to help.
b) Adjust the Volume Control switch to improve sound quality. MP3 file volume levels can also be adjusted when editing.
c) Please note MP3 files created using iTunes are not compatible.
d) Use a 'Data Transfer' type USB cable to connect the module to your computer. Note some USB cables cannot transfer files.
e) Special note for MAC users. When you delete unwanted sound files from the module please ensure that you also delete the files from your computer's Recycle Bin. This will ensure the files have been completely removed from the memory.
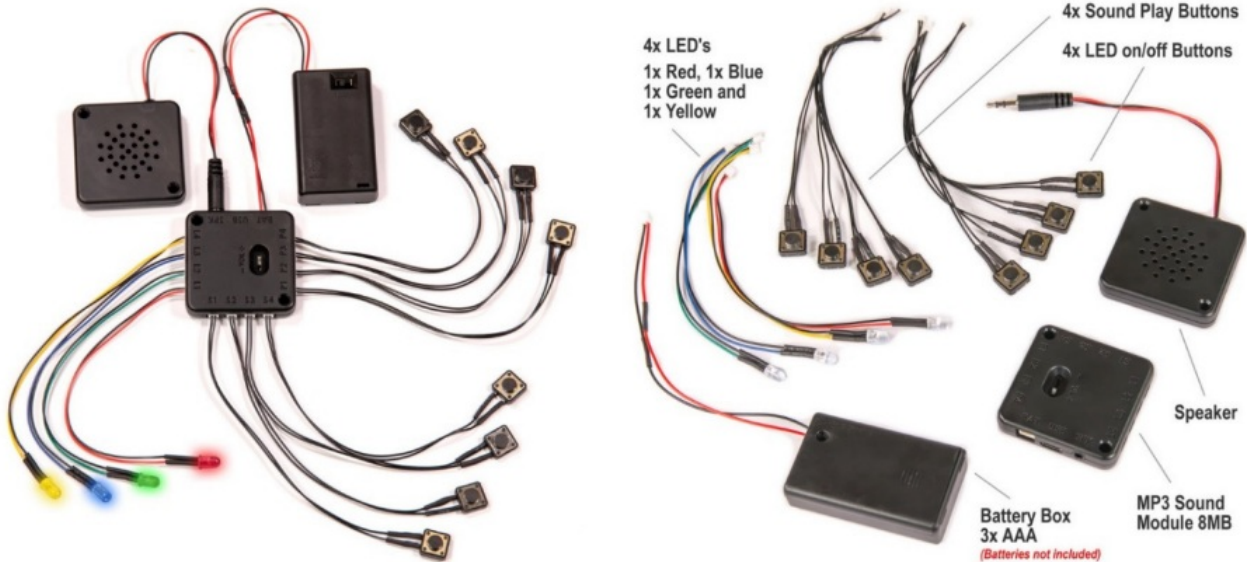
**IMPORTANT NOTE:** Please DO NOT re-format this module using a MAC computer. This will permanently damage the module and it can not be repaired. If you need to re-format your module please only use a Windows PC using FAT or FAT32.

## Mounting Holes

The two Mounting Holes can be used to fix or hold the module in position for your craft or model.
Example: Screw or Cable Tie.

**Components**

4x LED's
1x Red, 1x Blue
1x Green and
1x Yellow

4x Sound Play Buttons
4x LED on/off Buttons

Speaker

Battery Box
3x AAA
*(Batteries not included)*

MP3 Sound
Module 8MB

**Bundle Contents:**

- MP3 Sound Chip Module, 8MB Memory
- 4x Sound Play Buttons
- Speaker Module
- AAA Battery Box, (Batteries not included)
- 4 Coloured LED Lights, (1x Blue, 1x Red, 1x Green and 1x Yellow)
- 4x ON-OFF Buttons for LED lights
- User Guide

**Specification**

- Built-in flash memory: 8MB (8 Mega Bytes)
- Sound File Format: MP3 only, (WAV and MP4 not compatible)
- Module Size: 50x50x10mm
- Speaker Box size: 50x50x10mm, Wire Length 150mm
- Battery Box size: 35x63x15mm, Wire Length 150mm
- Metal Speaker: 40mm Diameter, 8 Ohm, 1W
- Sound Output Socket: 3.5mm Phono
- 4x Play Buttons, 12x12mm Square, Wire Length 150mm
- 4 Coloured LED Lights, (1x Blue, 1x Red, 1x Green and 1x Yellow), Wire Length 150mm
- 4x ON-OFF Buttons for LED lights, 12x12mm Square, Wire Length 150mm
- Volume Control Slide Switch
- Working current: 40mA
- USB-C socket: MP3 sound file transfer and power input
- USB-C socket can be connected to a 5V USB Mains Adapter or Power Bank
- Operating voltage range: 3.3V to 6V
- Mounting Holes: 4mm Diameter
- Power socket for Battery Box: 3x AAA Batteries (not included)
- 4x Micro Sockets for Play Buttons

- 4x Micro Sockets for LED connections, (LED's bought separately)
- 4x Micro Sockets for LED power ON/OFF buttons, (Buttons bought separately)
- Recommended MP3 file format: 128kbps, 44.1kHz, 16 Bit, MONO
- MP3 files with the above specification will provide approx 8 minutes of playback time
- If you are able to reduce the sample rate of your MP3 file to 64kbps then 16 minutes of playback can be achieved, (please call us for editing support if required)
- Battery Life: This will depend on the mAh rating of the batteries that you install. As an example, based on batteries with a capacity of 1,000 mAh, a 5 second message will playback 7,200 times. We always recommend that you use high quality branded alkaline batteries.

## Safety Information

This product is not suitable for children under 3 years. Do not immerse this product in water.
Do not attempt to dismantle this product in any way. Use only new batteries of the stated size and type.
Do not mix old and new batteries or different types of batteries.
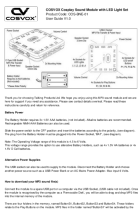To avoid risk of explosion, do not heat or dispose of batteries in a fire.

**Product Code: COS-BNE-01**

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**Documents / Resources**

**COSVOX COS-BNE-01 Cosplay Sound Modul with LED Light Set** [pdf] User Guide
COS-BNE-01 Cosplay Sound Modul with LED Light Set, COS-BNE-01, Cosplay Sound Modul with LED Light Set, Sound Modul with LED Light Set, Modul with LED Light Set, LED Light Set, Light Set

## References

- 🌐 **European Authorized Representative in the UK | Iguana-Q**
- **Talking Products - Deliver your message with the power of sound – Talking Products Ltd**
- **User Manual**