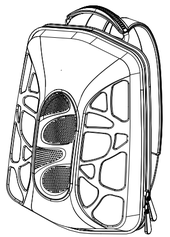
TRAKK

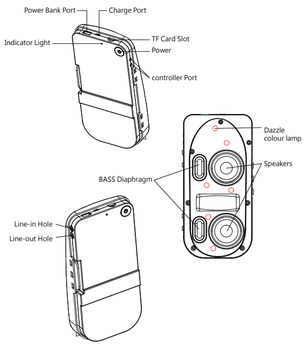
Multifunction Bluetooth Backpack Speaker



User Manual

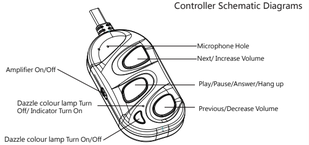
Product Structure

Host Schematic Diagrams



Product Structure

Controller Schematic Diagrams



Play/Pause/Answer/Hang up Button: Shot press for Play/Pause; Long press 3S switch to TF card/ Bluetooth mode ; When calls coming, short press for answer, press again for hang up; Long press for hang up directly.
Next/ Increase Volume: Short press for next song, long press for increase volume.
Previous/Decrease Volume: Short press for previous song, long press for decrease volume.

Notes:
1.We should use 5V 500mA charger to charge Backpack speaker. When charging, Red LED flashing; when charged, Red LED light. Charging about 8 hours every time, it may need 8-12 hours to charged.
2.Open Backpack to check if the controller is connected ok.
3.Open Backpack to press Power button to turn on, you can operate according to user manual.

Product specification

1. Support playing songs in TF card (mp3/wma/wav files), maximum 32GB.
2. Bluetooth version: 2.1+EDR, Stereo output, Bluetooth distance: Normal 10m, maximum 20m.
3. Support AUX stereo input function.
4. Support earphones.
5. Support public address function.
6. Dazzle colour lamp
7. Power Bank Output:: USB2.0 DC5V 1A
8. Charging via Micro USB DC5V 500mA, charging time: 8-10 Hours
9. Dual track Stereo: 5W*2
10. Polymer lithium-ion battery 5200mAh, playing 8-12 hours
11. Input Sensitivity: AUX450 mV
12. SNR: >80dB
13. Distortion <0.05%
14. Frequency response: 120Hz-20KHz

Button Function

1. Power On:
a. When pressing power on button, Dazzle colour lamp on backpack will light gradually.
b. When Backpack turns on, default mode is TF card mode, if has no TF card it will switch to Bluetooth mode automatically. When Backpack reminds "card mode", it state it's in TF card mode. "Waiting for the connection" is waiting for Bluetooth pairing. "Connected" is for complete pairing.
2. Button Functions:
a. Play/Pause button: Short press for play/pause. Long press to switch between TF card and Bluetooth mode. Under Bluetooth mode, this button can answer calls (Short press for answer, long press for hang up).
b. Next/ Increase Volume Button: Short press for next song, long press for increase volume. When increase to Max, Bluetooth will beeps.
c. Previous/Decrease Volume Button: Short press for previous song, long press for decrease volume.
3. AUX Function: When insert 3.5mm stereo audio cable into AUX hole, it will change to AUX source input. This is suitable for IPHONE/IPAD smart phones.
4. Earphone Function: Insert 3.5mm earphone, amplifier change to earphone.
5. Amplifier Function: Turn on switch on controller, Microphone Hole location can use as a amplifier.
6. Dazzle colour lamp: When turns on, Backpack Red, Green, Blue light gradually. It can control by Dazzle colour lamp Turn On/Off.
7. Charging Function: Should use 5V 500mA or above 500mA charger for charging. When charging, Red LED flash, it will always light when charged.
8. Power Bank: Charge to all smart phones via USB output 5V/1A current.

Safety Guidelines

Read the Safety Guidelines carefully before using your MP3 Player.

- Read the entire user manual before use.
- Any malfunction due to disassembly or modification of the player is not covered by the company's product warranty.
- The company is in no way responsible for any data loss caused by use of the product, product failure or product malfunction.
- Strong shock or vibration may cause malfunction or damage to the player.
- Keep player away from high temperatures.
- Do not submerge player in liquid.
- Clean player only with a slightly moist towel.
  Do not use household cleaning chemicals.
- Do not shake the USB cable when in use.
- Avoid strong magnetic fields. It may damage the speakers as well as the data stored.
- Use mp3 files that was recorded at 128 k bits to ensure the highest sound quality.

Simple Troubleshooting

1. Cannot turn on:
Please check if press the power button in right place. Try again after charging 3-4 hours.
2. LED cannot light after turn on:
Check if the speaker battery is still have power, try again after charging 3-4 hours.
3. Cannot play music in TF card:
Check if the files are supported files or if the TF card is out of memory. Insure the speaker is in TF card mode.
4. Cell phone cannot connect to Bluetooth:
Check if the speaker is in Bluetooth mode or connected to other cell phone. Use other phones to have a try. Or you can restart the speaker and try again.
5. Amplifier function not working:
Please check if put the button into right place. Keep plug well connected. Keep closer to the MIC and check if there any foreign matter in MIC hole.
6. Cannot charge to the speaker:
Check the charger is in good condition. Should use 5V 500mA or above 500mA charger. If the RED LED stops flashing, it states the speaker is fully charged.
7. Power bank cannot working:
It cannot working when the power bank is in charging condition. If the power bank is out of power, try again after it's fully charged.
8. Small or no voice with AUX function:
Check if the cable is ok or the terminal is connected well.
9. Small or no voice when calling with Bluetooth:
Check if the cable is ok or the terminal is connected well.

FCC 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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user’s authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.