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## Musky DY22

# Musky Portable Bluetooth Stereo Speaker User Manual

Model: DY22

## PRODUCT OVERVIEW

The Musky Portable Bluetooth Stereo Speaker (Model DY22) is designed to deliver high-fidelity audio with versatile connectivity options. It features 2x5W acoustic drivers, dual subwoofers, FM radio, and hands-free speakerphone capabilities. This speaker supports playback from Bluetooth-enabled devices, Micro SD cards, USB flash drives, and AUX-in connections.



Figure 1: Top-down view of the Musky Portable Bluetooth Stereo Speaker, showcasing the control panel and speaker grille.



Figure 2: Angled view of the Musky Portable Bluetooth Stereo Speaker, highlighting its compact and portable design.



Figure 3: The Musky Portable Bluetooth Stereo Speaker with its dimensions (8.7 inches length, 2.8 inches width, 2.8 inches height) indicated.

## What's in the Box



## PORTABLE BLUETOOTH SPEAKER



**3.5MM AUDIO  
CABLE**



**CHARGING  
CABLE**



**USER MANUAL**

Figure 4: The package contents include the Portable Bluetooth Stereo Speaker, a 3.5mm audio cable, a charging cable, and the user manual.

- Portable Bluetooth Stereo Speaker
- Micro SD Card slot (built-in)
- USB slot (built-in)
- AUX-in slot (built-in)
- 3.5mm Audio Cable
- Charging Cable
- User Manual

## SETUP GUIDE

### 1. Charging the Speaker

Before first use, fully charge the speaker. The built-in 2200mAh lithium battery provides up to 8-10 hours of playtime. You can charge the speaker using the provided USB charging cable connected to a compatible USB power adapter (not included) or a computer USB port. It is safe to keep the charging cable plugged in while listening to music.

### 2. Powering On/Off

Locate the power switch on the back panel of the speaker. Slide the switch to the "ON" position to power on the device. Slide it to the "OFF" position to power off.



Figure 5: Rear view of the speaker, showing the power switch, DC IN (charging), USB HOST, Micro SD, and AUX ports.

### 3. Initial Bluetooth Pairing

1. Ensure the speaker is powered on and in Bluetooth mode. If not, press the **MODE** button until "BT" is indicated or a soft tone confirms Bluetooth mode.
2. Enable Bluetooth on your smartphone, tablet, or other Bluetooth-enabled device.
3. Search for available Bluetooth devices and select "Musky DY22" (or similar name) from the list.
4. Once paired, the speaker will confirm with a soft tone.

The speaker will automatically attempt to reconnect to the last paired device when powered on.

### 4. FM Radio Setup

To improve FM radio reception, you can use an audio cable or USB cable as an external antenna. The longer the cable, the better the reception. Simply plug the cable into the AUX-in or USB port.

## OPERATING INSTRUCTIONS

### Control Panel Overview



Figure 6: The control panel features buttons for Play/Pause, Mode, Previous/Next Track, and Volume Up/Down.

- **Play/Pause (▶||):** Press to play or pause audio.
- **MODE:** Press to switch between Bluetooth (BT), Music (USB/Micro SD), FM Radio, and AUX-in modes.
- **Previous Track (◀◀):** Press to go to the previous track in Music mode or previous station in FM mode.
- **Next Track (▶▶):** Press to go to the next track in Music mode or next station in FM mode.
- **Volume Down (Vol-):** Press to decrease volume.
- **Volume Up (Vol+):** Press to increase volume.

## Mode Selection

Press the **MODE** button to cycle through the available input sources:

- **Bluetooth (BT):** For wireless audio streaming from your paired device.
- **Music (USB/Micro SD):** For playing audio files directly from a USB flash drive or Micro SD card. The speaker supports auto-play for both.
- **FM Radio:** For listening to FM radio stations. Features auto presetting and last station memory.
- **AUX-in:** For wired audio connection using a 3.5mm audio cable.

## Hands-Free Speakerphone

When connected via Bluetooth, the speaker can be used as a hands-free speakerphone. Incoming calls will be routed through the speaker. Press the **Play/Pause** button to answer or end a call.

## MAINTENANCE

### Cleaning

Wipe the speaker with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the speaker is powered off before cleaning.

### Battery Care

- To prolong battery life, avoid fully discharging the speaker frequently.

- Charge the speaker regularly, even if not in use, to maintain battery health.
- Store the speaker in a cool, dry place when not in use for extended periods.

## Environmental Considerations

This speaker is not waterproof. Avoid exposure to water, excessive moisture, or extreme temperatures to prevent damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	Volume too low on speaker or source device; speaker not properly connected.	Increase volume on both the speaker and your connected device. Ensure Bluetooth is paired or AUX cable is fully inserted.
Cannot pair via Bluetooth	Speaker not in pairing mode; device Bluetooth off; too far from speaker.	Ensure speaker is in Bluetooth mode. Turn Bluetooth off and on again on your device. Move device closer to the speaker (within 10 meters).
Poor FM radio reception	Weak signal; no external antenna.	Plug a 3.5mm audio cable or USB cable into the AUX-in or USB port to act as an external antenna. Reposition the speaker for better signal.
Speaker starts at loud volume in FM mode	This is a known characteristic of some units.	Lower the volume immediately after switching to FM mode. The speaker has a last volume memory feature, but initial FM mode might default to a higher setting.
Cannot select folders on Micro SD/USB	Feature not supported.	The speaker does not support folder selection for Micro SD or USB playback. It will play all songs sequentially.
Cannot loop a single song from Micro SD/USB	Playback mode limitation.	To repeat a single song, ensure only that song is present on the Micro SD card or USB drive. The speaker typically loops all songs on the storage device.
Cannot connect to Bluetooth headsets	Speaker is a Bluetooth receiving device, not a transmitting device.	This speaker is designed to receive Bluetooth audio from devices like phones or tablets, not to transmit audio to Bluetooth headphones.
Voice prompts are too loud/annoying	Previous versions had voice prompts.	The upgraded version of this speaker has replaced voice prompts with soft tones for Bluetooth connection and added a max volume warning beep instead of a loud voice prompt.

## SPECIFICATIONS

Feature	Detail
Model Name	DY22
Speaker Type	Subwoofer
Special Features	Built-in Microphone, Portable, FM Radio
Compatible Devices	Desktop, Gaming Console, Karaoke Machine, Laptop, MP3 Player, Projector, Smartphone, Tablet, Television
Controller Type	Battery Powered
Surround Sound Channel Configuration	2.1
Color	DY22-Black
Battery Life	Up to 10 Hours
Item Weight	1.43 Pounds
Waterproof	No
Battery Capacity	2200 mAh
Control Method	Voice (referring to voice prompts, not voice assistant)
Wireless Communication Technology	Bluetooth
Speaker Size	8.89 Centimeters (approx. 3.5 inches)
Power Source	Battery Powered
Number of Batteries	1 Lithium Polymer (included)
Audio Driver Type	Dynamic Driver
Bluetooth Range	10 Meters
Connectivity Protocol	Bluetooth, USB
Manufacturer	Musky
Product Dimensions	8.7 x 2.8 x 2.8 inches
Speaker Maximum Output Power	5 Watts (per driver, total 10W)
Connectivity Technology	Auxiliary, Bluetooth, USB
Audio Output Mode	Stereo
Mounting Type	Plug Mount, Freestanding

*Note: Specifications are subject to change without notice.*

## WARRANTY AND SUPPORT

### Limited Warranty

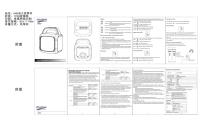
This Musky product is covered by a limited warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including the duration of the warranty and coverage details.

### Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Musky customer support through the contact information provided in your product documentation or on the official Musky website. Please have your model number (DY22) and purchase information ready when contacting support.

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### Related Documents - DY22

	<h4><a href="#">MUSKY MS6 Portable Speaker User Manual</a></h4> <p>User manual for the MUSKY MS6 portable speaker, detailing its features, operation, charging, Bluetooth, MP3, AUX, and Karaoke modes, along with troubleshooting and specifications.</p>
	<h4><a href="#">Feet Wet Writing: Award-Winning Northern Lakes Mysteries Book Series</a></h4> <p>Discover the acclaimed Northern Lakes Mysteries series by Nania, published by Feet Wet Writing. Featuring titles like Figure Eight, Spider Lake, Bough Cutter, Musky Run, and River Gold, with details on formats, awards, ISBNs, and pricing.</p>
	<h4><a href="#">FCC Test Report for MUSKY BT Speaker (Models DY50, DY18, DY36, etc.)</a></h4> <p>Official FCC test report detailing compliance for the MUSKY BT Speaker by Shenzhen Xinyiheng Digital Co., Ltd. Covers conducted and radiated emissions, band edge, and occupied bandwidth tests performed by Shenzhen HUAK Testing Technology Co., Ltd.</p>