

## VTech 80-581405

# VTech DJ Studio Magic Light User Manual

Model: 80-581405

## 1. INTRODUCTION

The VTech DJ Studio Magic Light is an interactive mixing table designed to introduce children aged 3 to 7 years to the world of music and creativity. This manual provides essential information on how to set up, operate, and maintain your DJ Studio Magic Light, ensuring a safe and enjoyable experience.

With over a thousand unique musical combinations, educational games, and a recording function, this device allows young aspiring DJs to explore different music styles and create their own tracks.

### **Safety Warning:**

Not suitable for children under 36 months due to small parts that could be ingested.

## 2. PRODUCT OVERVIEW

Familiarize yourself with the main components of your VTech DJ Studio Magic Light.



Figure 2.1: Front view of the VTech DJ Studio Magic Light, showing the scratch disk, control pads, screen, and piano keys.

- **Scratch Disk:** Large, illuminated disk for adding sound effects and scratching.
- **Control Pads:** Nine light-up pads for selecting instruments, characters, and mixing tracks.
- **LCD Screen:** Backlit display showing animations, rhythm patterns, and game progress.
- **Piano Keys:** Eight piano keys for playing melodies and engaging in educational games.
- **Volume Control:** Adjusts the overall sound level.
- **Tempo Control:** Adjusts the speed of the music.
- **DJ Button:** Activates DJ mode features.
- **Recording Button:** Initiates and stops recording of mixes.

## 3. SETUP

### 3.1 Battery Installation

The DJ Studio Magic Light requires 3 LR6-AA batteries (included). Follow these steps for proper battery installation:

1. Locate the battery compartment on the underside of the unit.
2. Using a screwdriver, loosen the screw on the battery compartment cover and remove the cover.
3. Insert 3 new LR6-AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover and tighten the screw securely.

**Note:** Always use new batteries of the same type. Do not mix old and new batteries or different types of batteries. Remove batteries if the unit will not be used for an extended period.

### 3.2 Initial Power On

After installing the batteries, press the Power button (usually located on the top right of the unit) to turn on the DJ Studio Magic Light. The screen will light up, and a welcome sound will play.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Basic Functions

- **Power On/Off:** Press the **Power button** to turn the unit on or off. The toy features an automatic shut-off function to preserve battery life if left inactive.
- **Volume Control:** Use the **Volume buttons** (usually + and -) to adjust the sound output.
- **Tempo Control:** Use the **Tempo buttons** to increase or decrease the speed of the music.

### 4.2 DJ Mode and Creative Play

In DJ Mode, children can experiment with various sounds and create their own mixes.



## 3 styles de musique : Hip-hop, Électro et Dance

Figure 4.1: A child's hands engaging with the interactive pads and scratch disk, demonstrating active play.

- **Scratch Disk:** Rotate the illuminated scratch disk to add sound effects and create scratching sounds, mimicking a real DJ.
- **Control Pads:** Press the nine light-up pads to select different instruments and characters. Combine them to form a musical group and mix up to four musical tracks simultaneously.
- **Music Styles:** Explore 9 songs and 27 melodies across various styles including Hip-hop, Electro, and Dance.

### 4.3 Educational Games

The DJ Studio Magic Light includes educational games designed to teach music notes and improve rhythm.



Figure 4.2: The screen displays a character playing the piano, guiding the child through rhythm exercises.

- **Rhythm Reproduction:** When a rhythm pattern appears on the screen, reproduce it using the piano keys.
- **Progressive Levels:** Successfully playing at least 50% of the notes correctly advances the child to the next level. The game is won after 4 successful sequences.

## 4.4 Recording Function

Children can record their own musical creations in DJ and Creative game modes.

- Press the **Record button** to start recording. All sounds from the scratch disk, piano keys, DJ button, and tempo changes will be saved.
- Press the **Record button** again to stop recording.
- Use the **Playback button** (if available, or re-press record button in some models) to listen to the recorded track.

## 4.5 Screen and Light Adjustments

- **Scratch Disk Lights:** The illuminated effects of the scratch disk can be deactivated. Refer to the specific button or setting on your unit for this function.
- **LCD Screen Brightness:** The brightness of the backlit LCD screen can be adjusted for optimal viewing.

# 5. MAINTENANCE

## 5.1 Cleaning

To keep your DJ Studio Magic Light clean, wipe the surface with a slightly damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is dry before storage or next use.

## 5.2 Battery Care

Always remove exhausted batteries promptly. If the unit will not be used for an extended period, remove the batteries to prevent leakage and damage.

## 5.3 Storage

Store the DJ Studio Magic Light in a cool, dry place away from direct sunlight and extreme temperatures.

# 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on.	Batteries are low or incorrectly installed.	Replace batteries with new ones, ensuring correct polarity.
No sound or low sound.	Volume is too low or muted.	Increase the volume using the Volume + button. Check battery level.
Lights are not working.	Lights may be deactivated or batteries are low.	Check settings to ensure lights are enabled. Replace batteries.
Unit freezes or behaves erratically.	Temporary electronic malfunction.	Turn the unit off and then on again. If problem persists, remove batteries for a few minutes and reinsert.

## 7. SPECIFICATIONS

Feature	Detail
Product Dimensions (L x W x H)	27.5 x 19.8 x 6.3 cm
Weight	599 grams
Recommended Age	36 months - 7 years
Educational Values	Learning music notes, improving rhythm, discovering different music styles
Model Number	80-581405
Number of Pieces	1
Batteries Required	Yes (3 x LR6-AA)
Batteries Included	Yes
Main Material	Plastic
Color	Black

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official VTech website. Keep your purchase receipt as proof of purchase.

VTech is committed to providing high-quality products. If you encounter any issues not covered in this manual, please contact VTech customer service for assistance.

You can find more information and support at: [www.vtech.com](http://www.vtech.com)