

mcdodo 694536541795

mcdodo Smart LED Auto Disconnect and Auto Recharge Nylon Braided Sync Charge USB Data Cable User Manual

Model: 694536541795

1. INTRODUCTION

Thank you for choosing the mcdodo Smart LED Auto Disconnect and Auto Recharge Nylon Braided Sync Charge USB Data Cable. This cable is designed to provide efficient and safe charging for your compatible devices, featuring intelligent power management to protect your device's battery life. It incorporates an auto-disconnect function upon full charge and an auto-recharge mechanism to maintain optimal battery levels. This manual will guide you through the proper setup, operation, and maintenance of your new cable.

2. PRODUCT FEATURES

- **Smart LED Indicator:** Two-color LED light to indicate charging status (orange for quick charge, green for trickle charge, off for full charge).
- **Auto Disconnect:** Automatically stops charging when your device reaches 100% battery to prevent overcharging.
- **Auto Recharge:** Initiates charging again after approximately 120 minutes if the device's battery level drops, ensuring your device remains fully charged.
- **Durable Construction:** Features a nylon braided exterior and alloy shell for enhanced durability and resistance to bending.
- **Data Transfer:** Supports data synchronization between your device and a computer.



Figure 1: Overview of the mcdodo Smart LED Auto Disconnect USB Data Cable.

3. SETUP INSTRUCTIONS

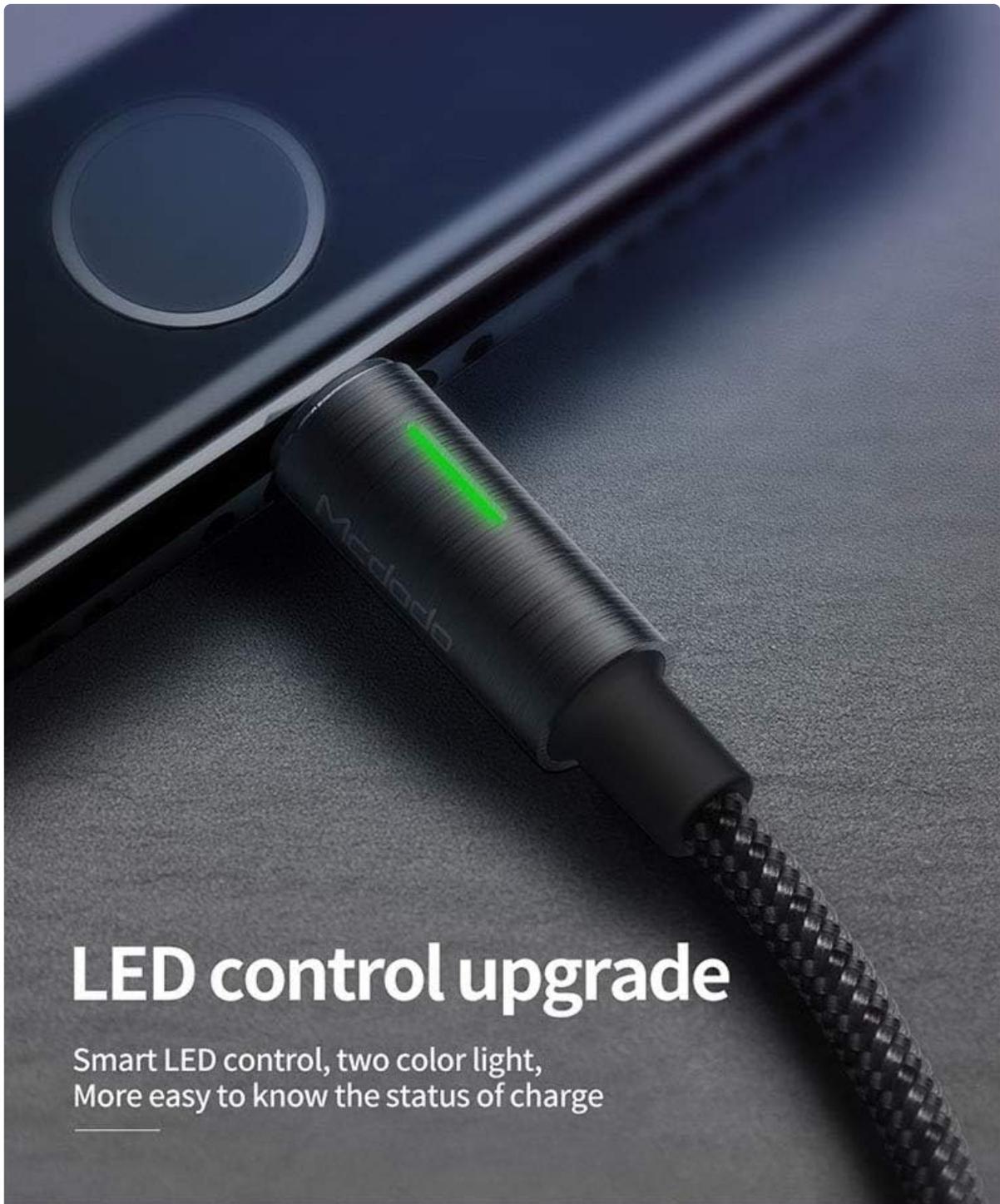
1. **Connect to Power Source:** Insert the USB-A end of the cable into a compatible USB power adapter (not included) or a computer's USB port. Ensure the power source provides adequate current (e.g., 2.4 Amps for optimal charging).
2. **Connect to Device:** Insert the Lightning connector end of the cable into your compatible smartphone or tablet's charging port.
3. **Initial Indication:** Upon connection, the LED indicator on the Lightning connector will illuminate, typically orange, indicating that charging has begun.

4. OPERATING INSTRUCTIONS

4.1 Charging Process

The cable's intelligent LED indicator provides visual feedback on the charging status:

- **Orange Light Flashing:** Indicates the device is undergoing quick charging.
- **Green Light On:** Indicates the device is in trickle charge mode, nearing full capacity.
- **Light Off Automatically:** Indicates the device has reached 100% charge, and the auto-disconnect feature has activated.



LED control upgrade

Smart LED control, two color light,
More easy to know the status of charge



Figure 2: LED indicator states for charging status.

4.2 Auto Disconnect and Auto Recharge

The cable features a second-generation intelligent control IC that manages the charging cycle:

- When your device reaches 100% charge, the cable will automatically stop power delivery to prevent overcharging, indicated by the LED turning off.
- After approximately 120 minutes (2 hours) of being fully charged and disconnected, the cable will automatically identify the power status and initiate a cycle charge if the battery level has dropped, ensuring your device remains fully charged without continuous power flow.



Figure 3: Smart IC for safe overnight charging.

4.3 Data Transfer

To transfer data, connect the USB-A end of the cable to a computer's USB port and the Lightning end to your

compatible device. Your device should then be recognized by the computer for data synchronization.

Your browser does not support the video tag.

Video 1: Demonstration of the Second Generation Smart Auto Disconnect and Auto Recharge feature.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to gently wipe the cable and connectors. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable or placing heavy objects on it.
- **Handling:** Always grasp the connector head when plugging or unplugging the cable. Avoid pulling directly on the cable itself to prevent damage to the internal wires. Do not bend the cable sharply, especially near the connectors.

6. TROUBLESHOOTING

- **Device Not Charging:**
 - Ensure both ends of the cable are securely connected.
 - Verify that the power adapter or USB port is functional.
 - Check if your device's charging port is clean and free of debris.
- **Slow Charging:**
 - Confirm that your power adapter provides sufficient output (e.g., 2.4A). Lower current adapters may result in slower charging.
 - Avoid using the device extensively while charging, as this can slow down the process.
- **LED Indicator Not Working:**
 - If the LED does not light up when connected, ensure the cable is properly plugged into both the power source and the device.
 - If the device is already fully charged, the LED will turn off as part of the auto-disconnect feature.
- **Cable Not Compatible with All Boxes:** Some power adapters may not be fully compatible. Ensure you are using a standard USB-A power adapter.

7. SPECIFICATIONS

Feature	Detail
Brand	mcdodo
Model Number	694536541795
Connector Type	USB Type A to Lightning
Cable Type	USB Data and Charge Cable
Compatible Devices	Smartphones, Tablets (e.g., Phone XS Max/XS/8/7/6/5/Pod/Pad and More)
Special Features	Braided, Data Transfer, Auto Disconnect, Auto Recharge, Smart LED Indicator

Color	Black
Length	4FT/1.2M
Outer Material	Nylon
Maximum Voltage	5 Volts
AC Adapter Current	2.4 Amps
Wattage	12 watts



Figure 4: Internal view of the intelligent control IC.

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For detailed warranty terms and customer support, please refer to the official mcdodo website or contact the seller directly.

You can visit the mcdodo store for more information: [mcdodo Store](#)