

UPBRIGHT ML18-8140100-A1

UpBright 14V AC/DC Adapter Instruction Manual

Model: ML18-8140100-A1

1. PRODUCT OVERVIEW

The UpBright 14V AC/DC Adapter is designed to provide a stable and reliable power source for a variety of electronic devices. This adapter features a wide input voltage range (100-240VAC) for global compatibility and incorporates multiple safety protections to ensure safe operation.

Key Features:

- **Universal Input Voltage:** 100-240VAC 50/60Hz for worldwide use.
- **Safety Protections:** Includes Over Voltage Output Protection (OVP), Over Current Output Protection (OCP), and Short Circuit Output Protection (SCP).
- **Versatile Compatibility:** Designed to work with various devices requiring 14V DC power, such as Yamaha YST-M10, YST-M15, PA-M20 speakers, Motorola MSI ML18-8140100-A1, MH14-1140100-B2, LG GoldStar KNU-1485, and Spec Lin L5A-138095R models.

UpBright Power Supply Adapter Compatible with:



Figure 1: UpBright 14V AC/DC Adapter.

2. SETUP INSTRUCTIONS

Before connecting the adapter, ensure your device requires a 14V DC input and that the barrel connector dimensions and polarity match. This adapter typically features a 5.5mm outer diameter (OD) and 2.1mm or 2.5mm inner diameter (ID) barrel tip with center positive polarity.

Steps for Connection:

- 1. Verify Device Compatibility:** Check your device's power input specifications for voltage (14V DC), current (e.g., 850mA, 1A), and the required barrel connector size and polarity.
- 2. Connect Barrel Tip:** Insert the barrel connector of the UpBright adapter firmly into your device's DC input port.
- 3. Plug into Power Outlet:** Insert the AC plug of the adapter into a standard 100-240VAC wall outlet.
- 4. Power On Device:** Once connected, power on your device. The adapter should begin supplying power.



Figure 2: Barrel Tip Dimensions and Polarity.



Figure 3: Adapter with Barrel Connector.

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Video 1: This video demonstrates the 14V DC power supply and its compatibility with 10 interchangeable jacks, highlighting the versatility of the adapter for various devices.

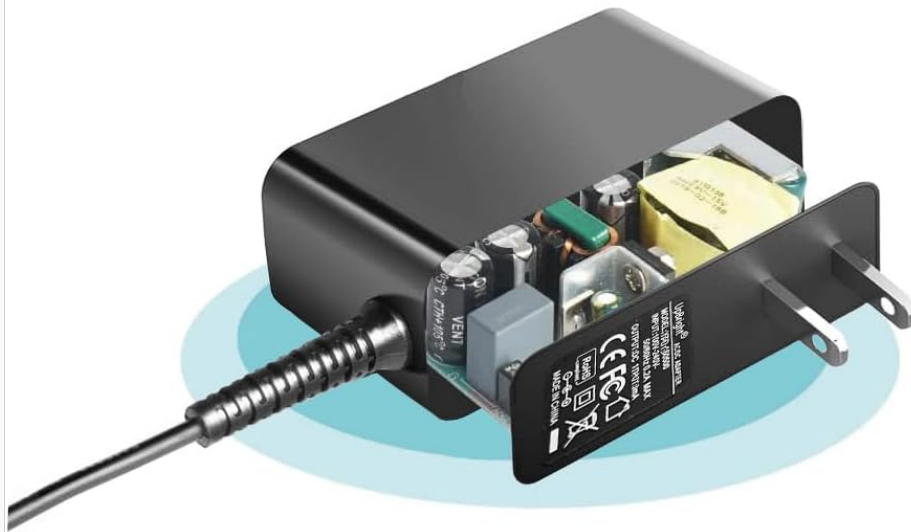
3. OPERATION

The UpBright 14V AC/DC Adapter operates automatically once connected to a compatible device and a power outlet. It is designed for continuous use within its specified voltage and current limits.

- Ensure the adapter is not covered to allow for proper heat dissipation.
- Avoid connecting the adapter to devices that exceed its maximum output current (1A) or require a different voltage.

Security Protection

Multiple professional protection, so that fast
Charge more safe



Good heat
Resistance



VO-Grade
Fire-Retardant



Overcharge
Protection



Overvoltage
Protection



Overheat
Protection



Overcurrent
Protection

Figure 4: Internal Security Protection Features.

4. MAINTENANCE

To ensure the longevity and safe operation of your UpBright AC/DC Adapter, follow these maintenance guidelines:

- **Keep Dry:** Protect the adapter from moisture and liquids. Do not use it in wet environments.
- **Avoid Physical Damage:** Do not crush, bend excessively, or drop the adapter. Handle the cords gently.
- **Temperature Control:** Keep the adapter away from direct heat sources and ensure it is used in a well-ventilated area to prevent overheating.
- **Regular Inspection:** Periodically check the adapter and its cables for any signs of wear, fraying, or damage. Discontinue use if any damage is observed.
- **Cleaning:** Disconnect the adapter from the power source and device before cleaning. Use a dry, soft cloth to wipe the surface. Do not use liquid cleaners.

5. TROUBLESHOOTING

If you encounter issues with your UpBright AC/DC Adapter, refer to the following troubleshooting steps:

- **No Power to Device:**

- Ensure the adapter is securely plugged into a working wall outlet.
- Verify that the barrel connector is fully inserted into your device's power port.
- Confirm that the adapter's voltage and current ratings match your device's requirements.
- Check the device's power indicator light, if available.

- **Adapter Overheating:**

- Disconnect the adapter immediately.
- Ensure the adapter is not covered and has adequate ventilation.
- Confirm that the connected device does not draw more current than the adapter's maximum output (1A).

- **Device Not Charging/Receiving Power:**

- Double-check that the barrel tip size (OD 5.5mm x ID 2.1mm/2.5mm) and polarity (center positive) are correct for your device.
- Test the adapter with another compatible device, if possible, to isolate the issue.
- Inspect the adapter cable for any visible damage.

If the issue persists after following these steps, please contact UpBright customer support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Brand	UPBRIGHT
Model Number	ML18-8140100-A1
Input Voltage	100-240 Volts (AC)
Output Voltage	14 Volts (DC)
Output Current	0.8 - 1.0 Amps
Wattage	14 watts
Connector Type	Barrel Connector (OD 5.5mm x ID 2.1mm / 2.5mm)
Color	Black
Special Feature	Short Circuit Protection
Power Source	Corded Electric
Included Components	Adapter

7. WARRANTY & SUPPORT

UpBright stands by the quality of its products. This adapter comes with a comprehensive warranty and support:

- **Warranty:** 30 Days Refund - 24 Months Exchange.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact UpBright customer service. Refer to the product packaging or the official UpBright website for contact information.