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onerbl AC/DC Adapter

onerbl AC/DC Adapter User Manual

For Arris DCX3220 and DCX3220E HD Digital Set-Top Boxes

1. Introduction

This manual provides essential instructions for the safe and effective use of your onerbl AC/DC Adapter. This adapter is designed to provide power to compatible devices, specifically Arris DCX3220 and DCX3220E HD Digital Set-Top Boxes.

Please read this manual thoroughly before using the product and retain it for future reference.

2. Safety Information

To ensure safe operation and prevent damage, observe the following safety precautions:

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the wall outlet voltage matches the adapter's input specifications (AC 100-240V).
- **Avoid Overloading:** Do not connect the adapter to devices that exceed its specified output power.
- **Cable Care:** Do not place heavy objects on the power cord or allow it to be pinched. Avoid bending or twisting the cord excessively.
- **Disconnection:** Always grasp the plug, not the cord, when disconnecting from the power outlet.
- **Ventilation:** Ensure adequate ventilation around the adapter. Do not cover it with cloth or other materials.
- **Damage:** If the adapter or cord is damaged, discontinue use immediately and seek a replacement. Do not attempt to repair it.



Figure 2.1: The adapter features built-in protections against short-circuit, over-voltage, and over-current to ensure electrical safety.

3. Product Overview

The onerbl AC/DC Adapter is a high-quality replacement power supply designed for specific Arris set-top boxes. It features a robust design and multiple safety protections.



Figure 3.1: The onerbl AC/DC Adapter, showing the main power brick and the output cable with its barrel connector.



Figure 3.2: The back of the adapter unit displaying its model, input voltage (100-240V AC, 50/60Hz), and safety marks. A "CAUTION INDOOR USE ONLY" label is visible.

Key Features:

- **Universal Input:** AC 100-240V, 50/60Hz, suitable for worldwide use.
- **Safety Protections:** Includes over-voltage protection, over-heat protection, short-circuit protection, and over-current protection.
- **Durable Construction:** Features a PVC jacket and copper wire for enhanced durability.
- **Extended Cord Design:** Provides ample reach for flexible placement.



Figure 3.3: Illustration of the adapter's durable cable construction, highlighting the copper wire and PVC jacket for longevity.



Figure 3.4: Examples of the adapter's extended cord length, providing flexibility for various setups.

4. Setup Instructions

Follow these steps to properly set up your onerbl AC/DC Adapter:

1. **Verify Compatibility:** Ensure your device is an Arris DCX3220 or DCX3220E HD Digital Set-Top Box.

2. **Inspect Adapter:** Before connecting, visually inspect the adapter and its cable for any signs of damage. Do not use if damaged.
3. **Connect to Device:** Plug the barrel connector end of the adapter's cable into the power input port of your Arris set-top box.
4. **Connect to Power Outlet:** Insert the AC plug of the adapter into a standard wall power outlet (AC 100-240V).
5. **Power On:** Once connected, your device should receive power. Refer to your device's manual for specific power-on procedures.



Figure 4.1: The adapter correctly plugged into a wall power outlet, ready to supply power to a compatible device.

5. Operating Instructions

The onerbl AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable power supply to your Arris set-top box.

- Ensure the adapter is securely plugged into both the wall outlet and your device.
- The adapter is designed for continuous operation, but it is recommended to disconnect it from the power outlet

during electrical storms or if left unused for extended periods.

6. Maintenance

The onerbl AC/DC Adapter requires minimal maintenance:

- **Cleaning:** Disconnect the adapter from the power source before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically check the adapter and cable for any signs of wear, cuts, or damage.

7. Troubleshooting

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

- **No Power to Device:**
  - Ensure the adapter is firmly plugged into both the wall outlet and the device.
  - Check if the wall outlet is functional by plugging in another device.
  - Verify that the adapter's barrel connector is fully inserted into the device's power port.
- **Adapter Feels Hot:**
  - It is normal for the adapter to feel warm during operation. However, if it is excessively hot to the touch, disconnect it immediately.
  - Ensure there is adequate ventilation around the adapter and it is not covered.
  - Confirm that the connected device is compatible and not drawing excessive power.
- **Device Malfunction:**
  - If your device is not functioning correctly, first rule out the adapter by testing it with another compatible power supply if available, or testing the device with its original power supply.
  - Refer to your device's own instruction manual for troubleshooting device-specific issues.

If problems persist after following these steps, contact customer support or consider replacing the adapter.

8. Specifications

Feature	Specification
Brand	onerbl
Input Voltage	AC 100-240V, 50/60Hz
Compatible Devices	Arris DCX3220, DCX3220E HD Digital Set-Top Box (Model DCX3220/C710/001)
Connector Type	Barrel Connector
Product Dimensions	6 x 4 x 2 inches (Adapter unit dimensions are approximately 3.1 x 2.1 x 1.2 inches based on image)
Item Weight	8 ounces
Special Feature	Travel (Universal Input)

Feature	Specification
Power Source	Corded Electric
Main Power Connector Type	2 Pin (US standard)



Figure 8.1: Detailed dimensions of the onerbl AC/DC Adapter unit.

9. Warranty and Support

This product is covered by a standard manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact the retailer where the product was purchased.

For technical support or inquiries, please contact onerbl customer service through the retailer's platform or their official website, if available. Please have your product model and purchase information ready when contacting support.

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