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Orange Micro Dark

Orange Micro Dark Terror 20-Watt Hybrid Guitar Amplifier Head

Instruction Manual

1. INTRODUCTION

The Orange Micro Dark Terror is a compact, valve hybrid guitar amplifier head designed to deliver a versatile range of tones in a small form factor. Building on the legacy of the Dark Terror and Dual Dark amps, this 20-watt head features a 12AX7-driven high-gain preamp section and a transparent, fully buffered effects loop. Its intuitive controls and headphone output with CabSim circuitry make it suitable for practice, studio use, and even small gigs.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating this product. Failure to do so may result in injury or damage to the unit.

- **Electrical Safety:** Always ensure the amplifier is connected to a grounded power outlet. Do not expose the unit to rain or moisture. Disconnect power before cleaning or servicing.
- **Heat:** The amplifier generates heat during operation. Ensure adequate ventilation and do not block cooling vents. Avoid placing the unit on heat-sensitive surfaces.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause permanent hearing damage. Use appropriate hearing protection when operating at loud volumes.
- **Tube Handling:** The preamp tube can become hot. Allow the amplifier to cool down before handling or replacing tubes.

3. SETUP

3.1 Connecting to Power

Connect the supplied 15V DC 2A regulated power supply to the DC input jack on the rear panel of the amplifier. Plug the power supply into a suitable wall outlet.

3.2 Connecting to a Speaker Cabinet

Use a high-quality speaker cable to connect the SPEAKER OUTPUT (8Ω / 16Ω) jack on the rear panel to your speaker cabinet. Ensure your cabinet's impedance matches the amplifier's output (8 or 16 ohms). Do not operate the amplifier without a speaker cabinet connected, as this can damage the unit.



Figure 1: Rear panel connections including DC power input and speaker output.

3.3 Connecting a Guitar

Plug your guitar into the INPUT jack on the front panel using a standard instrument cable.



Figure 2: Front panel of the amplifier showing the guitar input and control knobs.

3.4 Connecting Headphones

For silent practice, connect your headphones to the PHONES jack on the front panel. The built-in CabSim circuitry provides a speaker cabinet emulation for a more natural sound. Connecting headphones automatically mutes the speaker output.

3.5 Using the Effects Loop

The Micro Dark features a transparent, fully buffered effects loop. Connect the SEND (LINE OUT) jack on the rear panel to the input of your effects pedal(s), and the output of your effects pedal(s) to the RETURN jack on the rear panel.

4. OPERATING THE AMPLIFIER

4.1 Power On/Off

Flip the ON/OFF switch on the front panel to the 'ON' position to power on the amplifier. The indicator light will illuminate. Flip to 'OFF' to power down.

4.2 Controls

- **GAIN:** Adjusts the amount of preamp gain, from clean tones to high-gain distortion.
- **SHAPE:** This intuitive control acts as a single-knob EQ. Turning it clockwise scoops the mid-range frequencies, while turning it counter-clockwise boosts the mids.
- **VOLUME:** Controls the overall output volume of the amplifier.



Figure 3: Close-up of the front panel controls and input.

4.3 Tone Versatility

The Micro Dark is capable of a wide range of tones. Experiment with the GAIN and SHAPE controls to find your desired sound:

- **Clean Tones:** Set the GAIN low and adjust the SHAPE to your preference.
- **Overdrive/Distortion:** Increase the GAIN for more aggressive tones. Use the SHAPE control to dial in your desired mid-range character.

5. FEATURES

- **Power:** 20 Watts (hybrid)
- **Tube:** One 12AX7 (preamp)
- **Controls:** Gain, Shape, Volume
- **Impedance:** 8 or 16 ohms
- **Headphone Out:** With CabSim circuit
- **Effects Loop:** Transparent, fully buffered Send/Return
- **Portability:** Compact design with carrying handle

6. SPECIFICATIONS

Specification	Detail
Item Weight	2.2 pounds
Product Dimensions	3.94 x 5.91 x 7.09 inches

Item Model Number	Micro Dark
Output Wattage	20 Watts
Power Source	Corded Electric
Compatible Devices	Guitar
Connector Type	3.5mm Jack (Headphone)
Color	Black

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Orange Micro Dark Terror amplifier.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Avoid abrasive cleaners or solvents.
- **Tube Replacement:** The 12AX7 preamp tube has a finite lifespan. If you notice a decrease in performance or unusual noise, the tube may need replacement. Consult a qualified technician for tube replacement or refer to the official Orange Amplification website for guidance.
- **Storage:** Store the amplifier in a dry, cool environment away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your amplifier, refer to the following common troubleshooting steps:

- **No Sound:**

- Ensure the amplifier is powered on and the indicator light is illuminated.
- Check all cable connections (power, guitar, speaker).
- Verify the speaker cabinet is properly connected and functional.
- If headphones are plugged in, unplug them to check speaker output.
- Test with a different instrument cable and guitar.

- **Distorted/Unwanted Noise:**

- Lower the GAIN control.
- Check for faulty cables or pedals in the effects loop.
- Ensure proper grounding of the power supply.
- A worn-out preamp tube can cause unwanted noise; consider replacement.

- **Low Volume:**

- Increase the VOLUME control.
- Check the volume settings on your guitar.
- Ensure the speaker cabinet is rated for the amplifier's output.

9. PRODUCT VIDEOS

The following videos provide demonstrations and reviews of the Orange Micro Dark Terror amplifier. Please note these are user-generated content and not official instructional videos from the manufacturer.

[Orange Micro Dark 20W Hybrid Head Review](#)

Your browser does not support the video tag.

This video provides a comprehensive review of the Orange Micro Dark 20W Hybrid Head, demonstrating its features and sound capabilities.

Orange MicroDark Demo

Your browser does not support the video tag.

A short demonstration showcasing the sound of the Orange Micro Dark amplifier.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Orange Amplification website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Related Documents - Micro Dark

	<p><u>Orange Dual Terror Guitar Amplifier Product Manual</u></p> <p>Product manual for the Orange Dual Terror guitar amplifier, covering safety instructions, features, controls, rear panel connections, and technical specifications. Learn how to safely operate and maintain your amplifier.</p>
	<p><u>Orange Rockerverb 50 MKIII Head Guitar Amplifier Product Manual</u></p> <p>Comprehensive product manual for the Orange Rockerverb 50 MKIII Head guitar amplifier. Includes safety instructions, operating guide, top and rear panel descriptions, and detailed specifications.</p>
	<p><u>Orange Terror Bass Owner's Manual: Setup, Operation, and Safety</u></p> <p>This owner's manual provides essential safety instructions, setup procedures, and operational guidance for the Orange Terror Bass amplifier. Learn about front panel controls, rear connections, valve servicing, and important safety warnings for this high-quality bass amplification unit.</p>

