

ORANGE

OWNER'S MANUAL

Micro Crush

CRUSH



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INTRODUCTION

Congratulations on your Orange Micro Crush purchase. You have chosen to buy the coolest practice amp in the world. We hope you have lots of fun using your Micro Crush amp, but before you start playing please take a moment to read this manual and familiarize your self with your amplifier and its controls.

IMPORTANT SAFETY INSTRUCTIONS



AVIS! RESQUE DE CHOC ELECTIQUE-NE PAS OUV RIR.

WARNING!

To reduce the risk of fire or electric shock. Do not expose this product to rain or moisture. Do not remove chassis, no user serviceable parts inside. Refer servicing to qualified service personnel. The unit should be installed so that its location or position do not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings.

PRECAUTIONS

Read all instructions contained in this manual. Keep these instructions. Heed all warnings. Clean with dry cloth.

USING YOUR AMPLIFIER

Turn amplifier Volume to "0" before turning Amplifier ON or OFF. To prevent hum operate your amplifier and instruments as far away from fluorescent and neon lamps as possible, as they generate extremely high levels of electronic noise.

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IMPORTANT SAFETY INSTRUCTIONS

About power

Since power consumption of this unit is fairly high, we recommend the use of an AC adapter whenever possible. When powering the unit from a battery, use only an alkaline type.

AC adapter operation

- Be sure to use only an AC adapter regulated 9V or 12V, 250mA and equipped with a "center minus" plug.
- The use of an adapter other than the specified type may damage the unit and pose a safety hazard.
- The use of a non-regulated adapter could cause a low frequency hum in your amplifier.
- If the amplifier is not to be used for long time, disconnect the AC adapter from the main socket.

Battery operation

- Use a generic 9V dry battery (6F22) (alkaline or manganese).
- The Micro crush cannot be used for recharging.
- Pay close attention to the labeling of the battery to make sure you choose the correct type.
- If the Micro crush is not to be used for an extended period of time, remove the battery from the unit.
- If batteries leakage has occurred, wipe the battery compartment and the battery terminals carefully to remove all remnants of battery fluid.
- While using the unit, the battery compartment cover should be closed.
- 9V battery compartment is on the bottom of the Unit. To access pull on small tab labeled "OPEN". Replace with a new 9v battery.

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TROUBLESHOOTING

- No sound.**-----
 - **Are connections to the Input plug and cable?**
Check the connections and cable.
 - **Is the battery exhausted?**
Insert a fresh battery.
 - **Is the AC adapter connected?**
Make sure that the AC adapter is connected correctly.
 - **Is guitar volume or volume control of Micro crush turned down?**
Raise the volume.
- Noise is heard.**-----
 - **Is the cable of good quality?**
Low-quality cables can cause noise. Use a short and good-quality cable.
 - **Is the unit used in the vicinity of a computer monitor, refrigerator, fluorescent lamp, motor, or similar device?**
The guitar or cable can pick up noise from such devices. In case of problems, increase the distance to such devices.
 - **Is an adapter other than the specified type used?**
Be sure to use only the dedicated AC adapter.

ATTENTION !

About Powering of Micro Crush

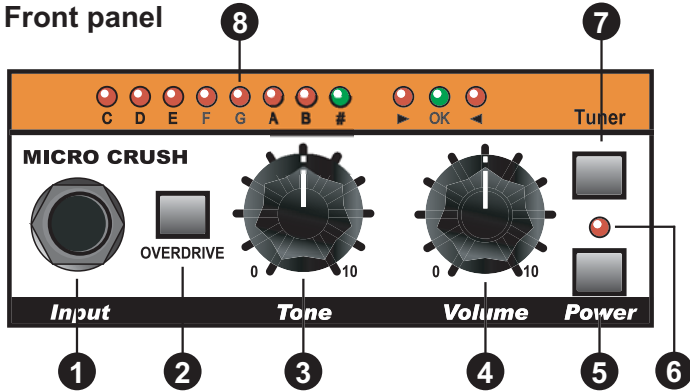
Powering the unit (Micro Crush) selector On and Off is done via the input jack and power switch.

Insert a cable into the input jack and then turn on the Power switch. If you are powering the unit (Micro Crush) with a battery, always remember to disconnect the input cable or power switch off to preserve battery life.

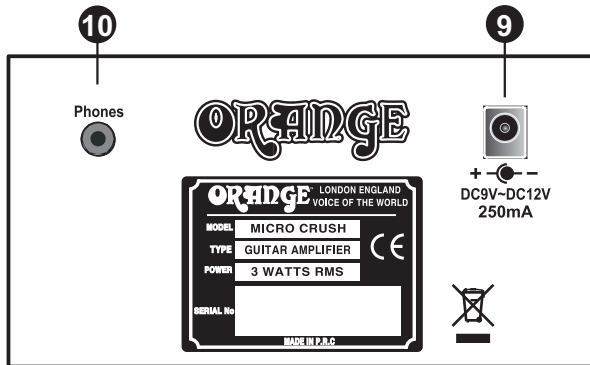
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PARTS and FUNCTIONS

Front panel



Rear panel



FUNCTION DESCRIPTIONS

- 1 INPUT**
This is the input of the unit and it also acts as a power switch. When you connect the plug of the cable from the guitar, the unit is turned on.
- 2 OVERDRIVE**
Use this switch to select the overdrive sound (switch depressed) or Clean sound (switch in the out position).
- 3 TONE control**
This control adjusts the sound of the amplifier from dark to bright.
- 4 VOLUME control**
This control adjusts the distortion gain. Turning it clockwise increases the distortion intensity. Also this control adjusts the output signal level.
- 5 POWER switch**
This switch turns the unit power ON or OFF with the Input jack. Please refer to "attention" of 4page.
- 6 POWER indicator**
LED Indicates the unit is on.
- 7 TUNER switch**
To activate the tuner depress the TUNER button.
- 8 TUNER indicator LEDs**
These LEDs are the tuning guide LEDs. Play a note on your guitar and appropriate light for the note your playing will light up on the display: If the green # light and red note light are lit you are playing the note is flat or sharp. Tune the note until the green OK light is lit, the red lights under the arrows will indicate whether you need to tune up or down to tune the note.
- 9 DC IN jack**
When powering the unit from the AC adapter, insert the plug from the adapter into this jack. Use only regulated 9V or 12V AC adapter for the unit. The connector polarity must be center negative (-).
- 10 PHONES jack**
For use with most stereo headphones.
CAUTION: To avoid possible damage to your hearing, do not use headphones for extended periods of time at extremely loud levels.

SPECIFICATIONS

Controls	VOLUME control TONE control TUNER switch OVERDRIVE switch POWER switch
Input Jack	Standard mono phone jack Rated input impedance: 470 kohms Rated input level: -40dBu
Phones Jack	Standard stereo phone jack Rated output impedance: 16-32 ohms Rated output level: 250mW
Speaker output	Rated output power: 3 watts 4" 8 ohm
Tuner	Chromatic Guitar Tuner
Power Requirements	Battery(6F22,9V) or AC adapter(regulated 9V DC,250mA, Center minus)
Battery life	Continuous operation: approx. 18 hours (alkaline) or 7 hours (manganese)
External Dimensions	149 (W) x 80 (D) X 145 (H) mm
Weight	850g (including battery)
Supplied accessories	Instruction manual, Battery (6F22,9V) Strap pin x 2, Screw x 2

* Design and specifications subject to change without notice.

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ORANGE INFORMATIONS

Orange online forum

Orange amplifiers run a forum where anyone interested in finding out more about Orange can meet to discuss issues, solve technical problems and ask questions etc.

Feel free to visit the forum at www.orangeamps.com/forum

Warranty information

All new orange products come with a one year limited warranty, this is extendable two years when you register your purchase online on our website.

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