

UP1200

User Manual

A50-83433-00001

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ULTRAPAR

www.behringer.com



Safety instructions

CAUTION

To reduce the risk of electrical shock, disconnect the spotlight from the mains before cleaning or servicing the unit. No user serviceable parts inside; refer servicing to qualified personnel.

WARNING

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To reduce the risk of fire or electrical shock, do not expose the spotlight to rain or moisture.

Detailed safety instructions:

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Place the power cord so that it is protected from being walked on and sharp edges. Be sure that the power cord is protected particularly at plugs, convenience receptacles and the point where it exits from the apparatus.
- 11) The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
- 12) Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- 13) Only use attachments/accessories specified by the manufacturer.
- 14) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 15) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 16) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 17) The spotlight has not been designed for outdoor use, and should be used in dry rooms only, with a humidity below 90%. Don't use the spotlight near water (e.g. bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.).
- 18) Be sure to install a lens and attach the protective mesh before you attempt to operate the spotlight. The locking bracket of the color frame must be locked before the spotlight is switched on.
- 19) The spotlight must always be mounted and secured using the corresponding retention holes in the mounting bracket. When using a stand or hook clamp, be sure to attach the spotlight with a tightened steel screw (M12), washer and locknut. Additionally, the spotlight must be secured on the truss or stand with a safety steel cable.
- 20) The spotlight must be mounted at a minimum distance of 2 m from the illuminated object, as the light beam can heat any such object to a temperature of 90°C. Avoid using easily flammable materials in the light beam.
- 21) The spotlight should be situated so that its location or position does not interfere with its proper ventilation. For example, the spotlight should not be situated on a bed, sofa rug, or similar surface; the same applies to truss-mounted operation: proper ventilation must always be ensured.



ULTRAPAR

Professional Die-Cast PAR Spotlight

- ▲ Extremely high luminous efficiency with low power consumption
- ▲ Ideally suited for BEHRINGER 575H lamp or compatible models with G9.5 socket (lamp not included, available as accessory)
- ▲ Ultra-rugged die-cast aluminum casing
- ▲ 4 glass lenses included: narrow spot, spot and 2 medium floods
- ▲ Highly reflective and polished reflector insert
- ▲ Color frame accepts standard color foils
- ▲ Compact dimensions for easy transport and handling
- ▲ Flexible mounting bracket allows precise positioning
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

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1. Introduction

Congratulations! With the BEHRINGER ULTRAPAR UP1200 you purchased a first-class PAR spotlight mounted in a compact, extremely robust and durable casing and featuring a comprehensive range of accessories.

1.1 Before you begin

Your ULTRAPAR was carefully packed in the factory and the packaging is designed to protect the unit from rough handling. Nevertheless, we recommend that you carefully examine the packaging and its contents for any signs of physical damage, which may have occurred during transit.

 **If the unit is damaged, please do not return it to BEHRINGER, but notify your dealer and the shipping company immediately, otherwise claims for damage or replacement may not be granted. Shipping claims must be made by the consignee.**

1.1.1 Online Registration

Please remember to register your new BEHRINGER equipment right after your purchase by visiting www.behringer.com (alternatively www.behringer.de) and read the terms and conditions of our warranty carefully.

Should your BEHRINGER product malfunction, our goal is to have it repaired as quickly as possible. Please contact the retailer from whom the equipment was purchased. Should your BEHRINGER dealer not be located in your vicinity, you may directly contact one of our subsidiaries. Corresponding contact information is included in the original equipment packaging (Global Contact Information/European Contact Information). Should your country not be listed, please contact the distributor nearest you. A list of distributors can be found in the support area of our website (www.behringer.com/support).

Registering your purchase and equipment with us helps us process your repair claims quicker and more efficiently.

Thank you for your cooperation!

1.2 Mains connection

Prior to the initial operation of the spotlight UP1200, a mains plug must be attached to the power cord. Please use a commercially available shockproof plug with a minimum power rating of 2.5 A (220 / 240 V). The wires of the connecting cable are clearly marked according to their function.

The spotlight can be operated from a power supply of max. 120 V / 5 A or 240 V / 2.5 A AC. The mains frequency should be 50 / 60 Hz.

 **Please note that your ULTRAPAR spotlight must be grounded properly. For your own safety, you should not remove or defeat the ground connection of the spotlight or power cord.**

 **Make sure that the spotlight will be installed by qualified personnel only.**

2. Lamp

The halogen lamp needed for using the UP1200 is not included with the shipment. To start using your ULTRAPAR spotlight, use the BEHRINGER 575H (575 Watts at 110 V / 230 V) or any other compatible lamp with the G9.5 socket. Make sure that the lamp you use is compatible with local voltage.

 **If the lamp is operated with a voltage surpassing its nominal operating voltage, it can be damaged / destroyed or its service life reduced considerably.**

2.1 Disassembling the lamp casing / installing a lamp

Lamps that have been damaged, must be replaced immediately! Please proceed as follows to replace the lamp:

- 👉 **The lamp gets very hot during operation of the spotlight, so let it cool down sufficiently before you attempt to dismount it!**
- ▲ Disconnect the spotlight from the mains power supply, and unscrew the thumb screw on the rear of the lamp casing [3] (G 9.5 socket).
- ▲ Carefully pull out the lamp casing [3] from the rear part of the spotlight.
- ▲ Carefully take the lamp out of its carton, by holding it at its socket:
- 👉 **Never touch the glass bulb of the lamp, as this can reduce the lamp's service life considerably. If you touch the glass bulb during installation, wipe it clean with a lint-free cloth damped with ethyl alcohol (spirit).**
- ▲ Depending on socket type, use the corresponding temperature-resistant rubber adapter provided.
- ▲ Press the lamp socket (and the rubber adapter) into the holder inside the lamp casing [3] until the lamp is safely mounted in place. The entire bottom side of the lamp socket must be in contact with the casing.
- ▲ Remount the casing and connect it to the grounding cable [2] coming from the spotlight. Fasten the thumb screw until the casing is safely mounted in place.
- ▲ Avoid touching the reflector with bare hands. Oily finger marks can bake onto the glass surface and substantially lower optical quality.

3. Lenses

Your ULTRAPAR spotlight is delivered with four glass lenses.

- 👉 **Never use your ULTRAPAR without the protective mesh in combination with the color frame because it prevents direct contact with the hot lamp surface. It also prevents pieces of broken glass from uncontrollably dispersing in the event of the lens being broken.**

The shape of each lens determines the light beam produced by the spotlight (Fig. 3.1). Also, use the turnable lens ring to optimally adjust the direction of the light beam.

Name	Quality	Properties
Narrow-spot lens	Transparent glass	Round beam (15°)
Spot lens	Grain screen glass	Round, slightly diffuse beam (19°)
Medium flood lens	Glass with few facets	Oblong beam (21° x 34°)
Wide medium flood lens	Glass with many facets	Oblong beam (30° x 51°)

Fig. 3.1: ULTRAPAR lenses and their features

- 👉 **Defective lenses (scratches, cracks, etc.) must be replaced immediately.**

3.1 Dismounting the lens

 **The lens gets very hot during operation of the spotlight, so let it cool down sufficiently before you attempt to dismount it!**

- ▲ Disconnect the spotlight from the mains and wait until it has cooled down.
- ▲ Place the spotlight on a flat and stable surface. Never mount or dismount the lens, while the spotlight is fixed to a truss or stand.
- ▲ Remove the protective mesh **[8]**: press its two spring shackles, then pull out the mesh.
- ▲ Directly in front of the lens, you will find a movable metal clamp **[4]** attached to the lens ring **[5]**. Turn the lens ring, until the metal clamp is located on the top side of the spotlight (directly below the locking bracket **[13]**).
- ▲ Tilt the front side of the spotlight forward by at least 45°.
- ▲ Push the movable metal clamp upward to dismount and pull out the lens **[10]**.

3.2 Mounting the lens

- ▲ Tilt the spotlight forward and turn the lens ring **[5]**, until the movable metal clamp **[4]** is located on the top side of the spotlight (directly below the locking bracket **[13]**).
- ▲ Insert the lens with its rounded side towards the rear. The lower edge of the lens must be located behind the projecting elements **[6]** of the lens ring.
- ▲ Press the upper edge of the lens slightly towards the rear, until it locks in behind the metal clamp **[4]**.
- ▲ Installation of the protective mesh **[8]**: Press the two spring shackles of the protective mesh and place it directly in front of the lens ring **[5]**. There are two slots in the die-cast casing of your ULTRAPAR for the “feet” of the protective mesh. The two spring shackles must be located directly below the locking bracket **[13]**.

4. Color frame

The color frame **[11]** is used to hold color filters. Please observe the following instructions to install the color frame:

- ▲ Detach the locking bracket **[13]** on the top side of the spotlight, by pushing it to the side. Then, open the bracket and tilt it towards the rear.
- ▲ Insert the color frame into the frame holders **[9]** and **[12]**, i.e. the outer guiding rail (with stops on three sides) on the front side of the ULTRAPAR.
- ▲ Push the locking bracket **[13]** to the side and move it down until it locks in.

 **Only use color filters with appropriate temperature resistance!**

 **Never use your ULTRAPAR without the protective mesh in combination with the color frame because it prevents direct contact with the hot lamp surface. It also prevents pieces of broken glass from uncontrollably dispersing in the event of the lens being broken.**

5. Cleaning the reflector

- ▲ Disconnect the spotlight from the mains and remove the lamp casing as described in chapter 2.1.
 - ▲ Remove the color frame [11](#) (chapter 4), the protective mesh and lens [10](#) (chapter 3.1), so that the reflector is easily accessible.
 - ▲ Cleaning the reflector: Use oil-free compressed air or a soft, lint-free cotton cloth. Tenacious stains can be removed by adding some mild soap water, however, don't forget to remove all soap water remnants as well!
 - ▲ Remount the spotlight (see chapters 2.1 and 3.2).
-  **Never clean the reflector with commercial window cleaners, as the chemical substances contained in these agents can damage the reflector insert!**
-  **Don't use paper towels or other material with a rough surface to wipe the reflector clean, so as to avoid scratches damaging the reflector surface.**
-  **Avoid touching the reflector with bare hands. Oily finger marks can bake onto the glass surface and substantially lower optical quality.**

6. Suspended installation

Use the mounting bracket [1](#) to attach your spotlight to a stand or truss. Always use M12 steel screws to fasten the spotlight. Your UP1200 must be secured with an additional safety steel cable (not included). Use the steel cable fixed to the spotlight casing (eyelet [15](#)).

Once the spotlight has been adjusted, it must be secured in place with the locking screw [14](#).

7. Specifications

Power	575 W max. (120 V / 240 V)
Max. room temperature	Ta = 45°C
Max. temperature of exterior surfaces	Tmax = 175°C
Dimensions (Height x Diameter)	approx. 11 3/4" (300 mm) x 9 1/4" (237 mm)
Weight	approx. 8.38 lbs (3.8 kg)

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without further notice. Specifications and appearance may differ from those listed or shown.

8. Warranty

§ 1 Other warranty rights and national law

1. This warranty does not exclude or limit the buyer's statutory rights provided by national law, in particular, any such rights against the seller that arise from a legally effective purchase contract.
2. The warranty regulations mentioned herein are applicable unless they constitute an infringement of national warranty law.

§ 2 Online registration

Please do remember to register your new BEHRINGER equipment right after your purchase by visiting www.behringer.com (alternatively www.behringer.de) and kindly read the terms and conditions of our warranty carefully.

Registering your purchase and equipment with us helps us process your repair claims quicker and more efficiently.

Thank you for your cooperation!

§ 3 Warranty

1. BEHRINGER (BEHRINGER International GmbH including all BEHRINGER subsidiaries, except BEHRINGER Japan) warrants the mechanical and electronic components of this product to be free of defects in material and workmanship for a period of one (1) year¹ from the original date of purchase, in accordance with the warranty regulations described below. If the product shows any defects within the specified warranty period that are not excluded from this warranty as described under § 5, BEHRINGER shall, at its discretion, either replace or repair the product using suitable new or reconditioned parts. In the case that other parts are used which constitute an improvement, BEHRINGER may, at its discretion, charge the customer for the additional cost of these parts.
2. If the warranty claim proves to be justified, the product will be returned to the user freight prepaid.
3. Warranty claims other than those indicated above are expressly excluded.

§ 4 Return authorization number

1. To obtain warranty service, the buyer (or his authorized dealer) must call BEHRINGER during normal business hours BEFORE returning the product. All inquiries must be accompanied by a description of the problem. BEHRINGER will then issue a return authorization number.
2. Subsequently, the product must be returned in its original shipping carton, together with the return authorization number to the address indicated by BEHRINGER.
3. Shipments without freight prepaid will not be accepted.

§ 5 Warranty regulations

1. Warranty services will be furnished only if the product is accompanied by a copy of the original retail dealer's invoice. Any product deemed eligible for repair or replacement under the terms of this warranty will be repaired or replaced.

1) Customers in the European Union please contact BEHRINGER Germany Support for further details.

2. If the product needs to be modified or adapted in order to comply with applicable technical or safety standards on a national or local level, in any country which is not the country for which the product was originally developed and manufactured, this modification/adaptation shall not be considered a defect in materials or workmanship. The warranty does not cover any such modification/adaptation, irrespective of whether it was carried out properly or not. Under the terms of this warranty, BEHRINGER shall not be held responsible for any cost resulting from such a modification/adaptation.

3. Free inspections and maintenance/repair work are expressly excluded from this warranty, in particular, if caused by improper handling of the product by the user. This also applies to defects caused by normal wear and tear, in particular, of faders, crossfaders, potentiometers, keys/buttons, tubes, guitar strings, illuminants and similar parts.

4. Damage/defects caused by the following conditions are not covered by this warranty:

- ▲ improper handling, neglect or failure to operate the unit in compliance with the instructions given in BEHRINGER user or service manuals.

- ▲ connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used.

- ▲ damage/defects caused by force majeure or any other condition that is beyond the control of BEHRINGER.

5. Any repair or opening of the unit carried out by unauthorized personnel (user included) will void the warranty.
6. If an inspection of the product by BEHRINGER shows that the defect in question is not covered by the warranty, the inspection costs are payable by the customer.
7. Products which do not meet the terms of this warranty will be repaired exclusively at the buyer's expense. BEHRINGER will inform the buyer of any such circumstance. If the buyer fails to submit a written repair order within 6 weeks after notification, BEHRINGER will return the unit C.O.D. with a separate invoice for freight and packing. Such costs will also be invoiced separately when the buyer has sent in a written repair order.

§ 6 Warranty transferability

This warranty is extended exclusively to the original buyer (customer of retail dealer) and is not transferable to anyone who may subsequently purchase this product. No other person (retail dealer, etc.) shall be entitled to give any warranty promise on behalf of BEHRINGER.

§ 7 Claim for damages

Failure of BEHRINGER to provide proper warranty service shall not entitle the buyer to claim (consequential) damages. In no event shall the liability of BEHRINGER exceed the invoiced value of the product.

Technical specifications and appearance are subject to change without notice. The information contained herein is correct at the time of printing. All trademarks (except BEHRINGER, the BEHRINGER logo, JUST LISTEN and ULTRAPAR) mentioned belong to their respective owners and are not affiliated with BEHRINGER. BEHRINGER accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein. Colors and specifications may vary slightly from product. Products are sold through our authorized dealers only. Distributors and dealers are not agents of BEHRINGER and have absolutely no authority to bind BEHRINGER by any express or implied undertaking or representation. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording of any kind, for any purpose, without the express written permission of BEHRINGER International GmbH. ALL RIGHTS RESERVED. © 2008 BEHRINGER International GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Muenchheide II, Germany, Tel. +49 2154 9206 0, Fax +49 2154 9206 4903