

User Manual



ULTRAPAR UP1200

Professional Die-Cast PAR Spotlight

Table of Contents

- Important Safety Instructions.....3**
- Legal Disclaimer.....3**
- Limited Warranty.....3**
- 1. Introduction.....4**
 - 1.1 Before you begin.....4
 - 1.1.1 Online registration.....5
 - 1.2 Mains connection.....5
- 2. Lamp.....5**
 - 2.1 Disassembling the lamp casing/installing a lamp.....5
- 3. Lenses.....5**
 - 3.1 Dismounting the lens.....6
 - 3.2 Mounting the lens.....6
- 4. Color frame.....6**
- 5. Cleaning the reflector.....6**
- 6. Suspended installation.....6**
- 7. Specifications.....6**

EN Important Safety Instructions

 Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock. Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.

 This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure - voltage that may be sufficient to constitute a risk of shock.

 This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

 **Caution**
To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.

 **Caution**
To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.

 **Caution**
These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

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. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Use only attachments/accessories specified by the manufacturer.



12. 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.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. 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.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.



16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

EN**LEGAL DISCLAIMER**

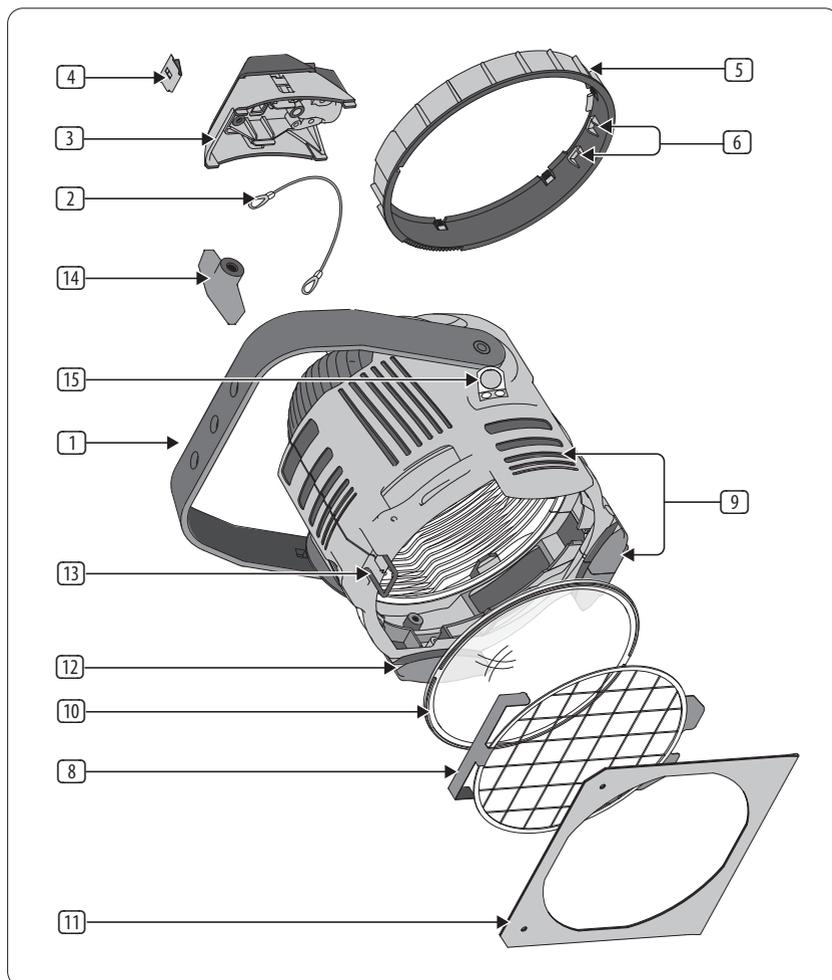
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LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding MUSIC Group's Limited Warranty, please see complete details online at www.music-group.com/warranty.



ULTRAPAR UP1200 Exploded View

1. Introduction

Congratulations! With the BEHRINGER ULTRAPAR UP1200 you purchased a first-class PAR spot-light 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 register your new BEHRINGER equipment right after your purchase by visiting <http://behringer.com> and read the terms and conditions of our warranty carefully.

Should your BEHRINGER product malfunction, it is our intention to have it repaired as quickly as possible. To arrange for warranty service, please contact the BEHRINGER 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 (<http://behringer.com>).

Registering your purchase and equipment with us helps us process your repair claims more quickly and 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 dampened 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 colorframe 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. 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

Physical/Weight

Dimensions (Height x Diameter)	approx. 11 ¾ x 9 ¼" approx. 300 x 237 mm
Weight	approx. 10.8 lbs / 4.9 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.



We Hear You