



We thank you for choosing the projector FOLLOWSPOT 1200 HMI.

To make the most of this unit and to make it work correctly in the years, before connecting it to its source and using it, we suggest you to carefully read this manual.

In this way you will be more familiar with it and its connections and will be easier to use it.

All the sections of this manual have been studied to make as easy and complete as possible the use of the FOLLOWSPOT 1200 HMI.

To make the manual more clear and easy to consult, we have used the following symbols and conventions:



IMPORTANT

very important warnings, to be read with the maximum attention;



important parts of the text that give details and/or explanations on the use of the FOLLOWSPOT 1200 HMI;



practical advices for an efficient use of the FOLLOWSPOT 1200 HMI.

YOUR REFERENCE

Cite the model and the serial number anytime you contact your retailer to ask for information or assistance.

STANDARD PACKAGE

The standard package of the projector FOLLOWSPOT 1200 HMI contains:

- 1) Projector
- 2) Ballast 1200W
- 3) Colours changer
- 4) 4 profile blades
- 5) Iris 55mm
- 6) User's manual
- 7) Guarantee

ON REQUEST:

- * Lamp (code 060279)
- * Gobo-holder 53mm (code 040107)
- * Stand (code 083540)
- * Flight case with wheels (code 194982)



IMPORTANT

Make sure that the unit has not been damaged during the transportation.

In case it has happened or in case the unit does not work correctly, immediately contact the Retailer.

If the unit has been directly sent to you, immediately contact the Freight Company.

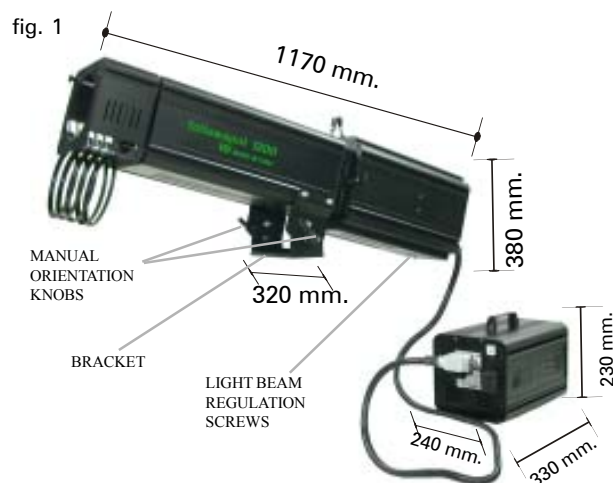
Only the final receiver (the person or the Company that receive the unit) is in the position to complain for the above inconveniences.

The safety of the unit is guaranteed only strictly following the instructions, so it is recommended to accurately preserve them.

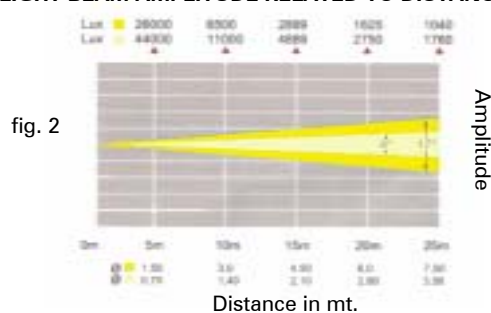
User's manual
product code: 991223

TECHNICAL FEATURES

LAMP	Discharge lamp HMI 1200 W GS (OSRAM) Colour temperature: 5.600° K Average lamp life: 750 ore
ZOOM AND FOCUS	Manual.
VERTICAL MOVEMENT	+ 45°/- 45° Manual orientation (fig. 1).
LIGHT BEAM AMPLITUDE	8° / 17° (fig. 2)
COLOURS CHANGER	5 colours + white (manual).
BLACK OUT	Manual.
PROFILE SYSTEM	4 independent profile blades. Manual profiling.
IRIS	Manual.
INPUT POWER	<ul style="list-style-type: none"> Nominal operating voltage: 230 Vac; 50 Hz. Rated power supply: 1240 W. Nominal current: 10 A (230 Vac).
WORKING POSITION	On a stand.
DIMENSIONS (W x D x H)	Projector mm. 320 x 1170 x 380 (fig. 1). Ballast mm. 240 x 330 x 230 (fig. 1).
WEIGHT	Projector Kg. 23 Ballast Kg. 17
BODY	Steel and aluminium.



LIGHT BEAM AMPLITUDE RELATED TO DISTANCES



WARNINGS

- ! Do not dismantle and modify the unit.
- ! Do not install the unit outdoors directly exposed to rain or moisture.
- ! To avoid any inflammable liquids, water or metal objects entering the unit.
- ! To avoid installing the unit close to heat sources. Never to lean the connecting cable on the hot unit.
- ! Replace the fuses with others of the same kind and value 5x20 250V 10A (fig. 4).
- ! The unit must be at a minimum distance of 50 cm. from the walls or from any inflammable material and 3 mt. from lighted objects.
- ! The unit must be placed where it could be easily aerated. To avoid obstructing the in/out air gratings.
- ! Do not directly look at the Lamp when it is on.

ASSEMBLING

- ! Before installing the FOLLOWSPOT 1200 HMI, make sure that the carrying structure is safe and able to support the weight of the unit.

The FOLLOWSPOT 1200 HMI is equipped with a bracket with a middle eye (diam. 12 mm.) to place it on stand (fig. 1).

To orientate the unit follow these instructions:

- 1) Unscrew the Manual Orientation Knobs on the side of the unit (fig. 1);
- 2) Orientate the projector as you want, using its proper handles (fig. 4 and 6);
- 3) Screw the Manual Orientation Knobs.

- ! At the end of the assembling operations make sure that the unit has been correctly and safely fixed.

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COLOURS CHANGER SYSTEM ASSEMBLING

The FOLLOWSPOT 1200 HMI comes with a colours changer system (fig. 6), to assemble it, do as follows:

At the front of the projector there are 4 support connections where to mount the colours changer system (fig. 6).

At the back of the colours changer system, there are 4 guide-eyes.

Pull the safety spring at the front of the colours changer system (fig. 6) and precisely connect the 4 guide-eyes to the 4 support connections, leave free the safety spring making sure that the colours changer system is well stable. The colours changer system is able to be equipped with No. 5 coloured filters (gelatine).

To insert the gelatines, do as follows:

- 1) unfasten the three screws of the filter-holder (fig. 6);
- 2) insert the gelatine;
- 3) fasten the three screws.



It is recommended to use only filters with an high temperature resistance.

ZOOM AND FOCUS

To regulate the zoom and focus use the two knobs (fig. 6) placed on the right side of the projector. The light beam amplitude can be regulated from a minimum of 8° to a maximum of 17° (fig. 2).

PROFILE SYSTEM AND BLACK OUT

The FOLLOWSPOT 1200 HMI is provided with a profile system of 4 profile blades.

Insert the profile blades (fig. 3) in their appropriate side slots (fig. 6) to cut the beam to the required shape.

In the upper part of the projector has been made an appropriate room with a track to insert the Iris and the Gobo-holder (fig. 6), available on request (ref. to standard package and fig. 3/a).

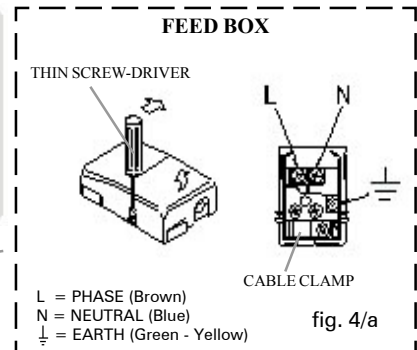
The FOLLOWSPOT 1200 HMI is provided with the black out function. It is possible to cut out the entire light beam using the lever placed at the right side of the projector (fig. 6).



CONNECTION TO THE POWER SUPPLY



	SAL.	ITALY	cod. 991223	CE
TYPE	FOLLOWSPOT 1200 HMI			
Volt	230	Hz	50	
Watt	1240	Amp.	10	
Socket	SPEC	Lamps	HMI 1200 GS	
Weight	23 + 17	Max. Temp.	50°C	
Serial No	01/03			



IMPORTANT

The unit must be connected to the earth. The inobservance of these instructions automatically makes the guarantee expiring.

Before connecting the unit to the mains, make sure that the working voltage and frequency correspond to the values indicated on the label (fig. 4).

The FOLLOWSPOT 1200 HMI is made to work at a working voltage of 230V 50Hz; 10 A.

Connect the projector to the power supply through the feed box placed on the ballast (fig. 4).

For the power supply connection, do as follows:

- 1) open the feed box using a thin screw-driver and gently force the two lateral little tongues (fig. 4/a);
- 2) the connections from the unit to the power supply source are described in fig. 4/a;
- 3) close the feed box pressing on its cover;
- 4) at the end, connect the plug of the projector to the ILME socket of the ballast (fig. 4/a).

! The plug of the projector must be used only for the connection to the ballast.

Any other use could damage the lamp.

To start on the projector there is a green switch ON / OFF (fig. 4).

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FITTING AND REPLACING THE LAMP



IMPORTANT

In case of replacement of the Lamp or maintenance, never open the unit unless are passed at least 15 minutes after it went off.

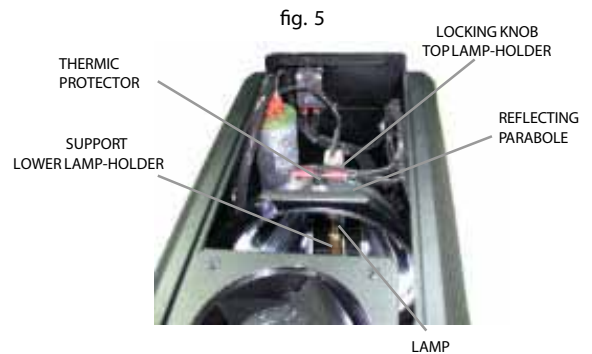
- 1) Disconnect the unit before replacing the Lamp. Always wear protective gloves and goggles.
 - 2) Unfasten the two knobs placed at the top of the projector (fig. 6).
 - 3) Take out the cover.
 - 4) Take out the two lateral bushes of the new lamp.
- !** Avoid touching the new lamp with the nude hands; in case it accidentally happens, clean the bulb with the proper tissue given with the replacement lamp.
- 5) Unscrew the locking knob of the top lamp-holder (fig. 5).
 - 6) Fasten the lamp in its lower lamp-holder (fig. 5).
 - 7) Screw the locking knob of the top lamp-holder.
- !** Before mounting the lamp, make sure that into the lamp holder there is not anything that may cause interruptions to the thermic and electrical conduction.
- 8) Put back the top cover and fasten the two knobs.

To properly adjust the light beam:

- use the two adjusting screws placed at the back of the lower cover of the projector together with a descriptive label.
- Also, follow what described in the diagram in fig. 1.



To avoid any bad performance of the unit or the Lamp breakage damaging the optics of the FOLLOWSPOT 1200 HMI, replace the lamp as soon as its maximum average time ends. The lenses must be replaced when are evidently damaged and if their efficiency has been reduced, for example from slits or deep cuts.



MAINTENANCE

- !** Before operating any maintenance disconnect the mains.

In case the fan does not correctly work, the FOLLOWSPOT 1200 HMI is equipped with a thermic protector to avoid any unpleasant inconvenient happening.

For operating a correct maintenance of the FOLLOWSPOT 1200 HMI follow these instructions:

- 1) periodically clean the in/out air grates;
- 2) make sure the fan is correctly working;
- 3) periodically clean the lenses and the reflecting parabole (fig. 5) using antistatic cloths and products.

- !** Do not absolutely use solvents or abrasive products.

