

# GDE

## **BSE series** MOTORIZED SCREEN



USER MANUAL

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**WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, usage and maintenance of the unit.**



## SAFETY

### General instruction

- The products referred to in this manual conform to the European Community Directives and are therefore marked with **CE**.
- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you will risk an electric shock.
- Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.
- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
  - in places subject to excessive humidity;
  - in places with a high temperature.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.



### Warnings and installation precautions

- If this device will be operated in any way different to the one described in this manual, it may suffer damage and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, etc.
- Before starting any maintenance work or cleaning the fixture, cut off power from the main supply.
- When carrying out any work, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used.
- The screen can not be folded. Do not use fingers or hard objects to touch the screen surface. Do not slash the chemical doses to the screen surface. Keep the screen far away from the high temperature.
- If the screen is dirty, wash the screen gently by a broom or a cotton ball, do not use the organic solvents.
- When pulling the screen down, must be slowly and vertically. Do not pull it roughly, please stop pulling as soon as the black border is out or the screen is jammed or injured, then send the screen to the maintenance center.
- After using put the screen back to the housing in order to avoid being polluted. If not using it for a long time, please take the screen from the wall and pack it in a carton.
- If the power soft cable was broken, you have to replace it by technical people from the manufacturer or service department ensure safety.
- Do not allow children to play with fixed controls. Keep remote controls away from children.
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs.
- Do not use if repair or adjustment is necessary.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similar

qualified persons in order to avoid an hazard.

- This appliance is not intended for use by persons (included children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

## **GENERAL INFORMATION**

### **Shipments and claims**

The goods are sold "ex works" and always travel at the risk and danger of the distributor. Eventual damage will have to be claimed to the freight forwarder. Any claim for broken packs will have to be forwarded within 8 days from the reception of the goods.

### **Warranty and returns**

The guarantee covers the fixture in compliance with existing regulations. You can find the full version of the "General Guarantee Conditions" on our web site [www.musiclights.it](http://www.musiclights.it). Please remember to register the piece of equipment soon after you purchase it, logging on [www.musiclights.it](http://www.musiclights.it). The product can be also registered filling in and sending the form available on your guarantee certificate. For all purposes, the validity of the guarantee is endorsed solely on presentation of the guarantee certificate. Music & Lights will verify the validity of the claim through examination of the defect in relation to proper use and the actual validity of the guarantee. Music & Lights will eventually provide replacement or repair of the products declining, however, any obligation of compensation for direct or indirect damage resulting from faultiness.

## - 1 - INTRODUCTION

### 1.1 DESCRIPTION AND TECHNICAL SPECIFICATIONS

- Video-projection PVC cloth with electrical winding.
- PVC cloth with an high reflectance factor
- Anodized aluminium housing
- Winding engine with remote control
- Remote control included
- Wireless remote control included
- Wall or ceiling mount
- Also available in 4:3 or 16:9 version

### 1.2 MODELS

CODE	Deep(Inch)	Format	Projection	Dimensions (W x H) cm
<b>BS070043EF</b>	70	4:3	Front	140 x 100
<b>BS084043EF</b>	84	4:3	Front	170 x 130
<b>BS100043EF</b>	100	4:3	Front	200 x 150
<b>BS120043EF</b>	120	4:3	Front	240 x 180
<b>BS150043EF</b>	150	4:3	Front	300 x 230
<b>BS070169EF</b>	70	16:9	Front	155 x 85
<b>BS084169EF</b>	84	16:9	Front	185 x 105
<b>BS100169EF</b>	100	16:9	Front	200 x 125
<b>BS120169EF</b>	120	16:9	Front	265 x 150
<b>BS150169EF</b>	150	16:9	Front	335 x 185

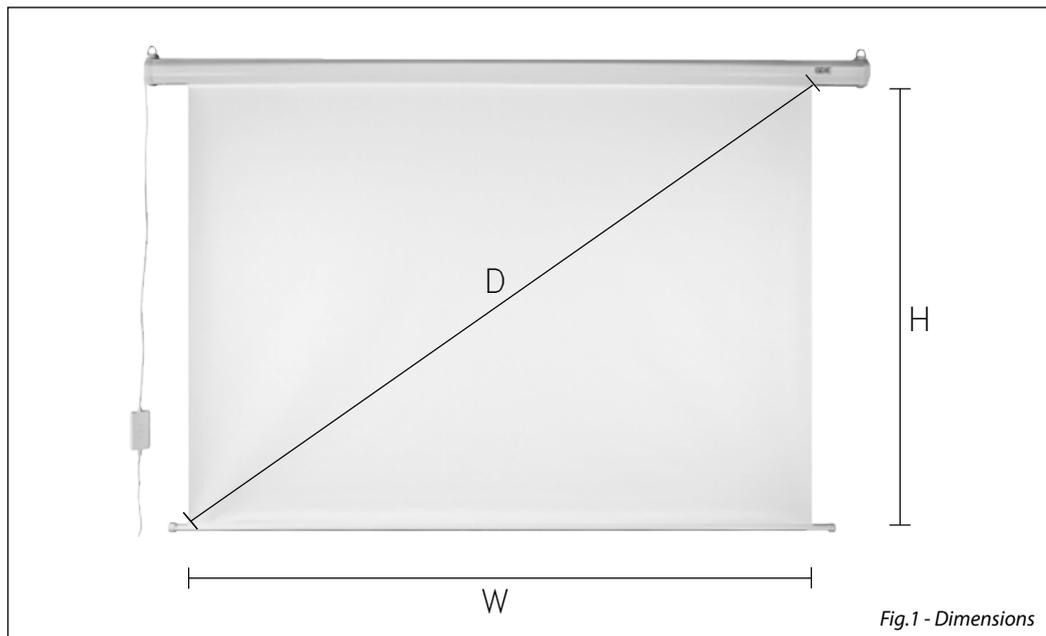


Fig.1 - Dimensions

## - 2 - INSTALLATION

### 2.1 MOUNTING

Unpack the screen carefully, be sure the screen is in good condition, check all the accessories are packed inside the carton. Refer to the figure 2a - 2b and fix the screen to the wall or to the ceiling.

NOTE - For fixing, stable mounting screws are required. The mounting place must be of sufficient stability and be able to support a weight of 10 times of the unit's weight.

When carrying out any installation, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used.

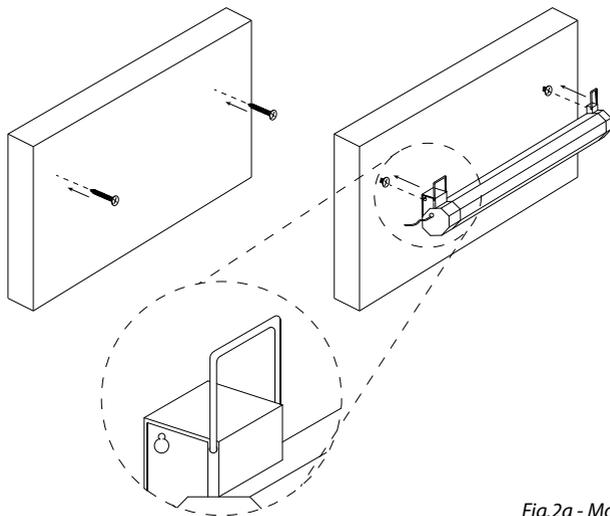


Fig.2a - Mounting instructions to wall

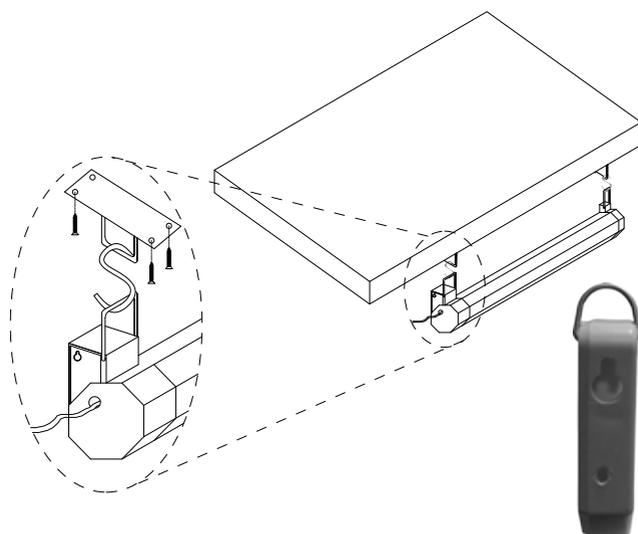


Fig.2b - Mounting instructions to ceiling

## 2.2 OPERATING ELEMENTS AND CONNECTIONS

- Check the voltage and frequency marked on the screen in accordance with the local power supply. It is suggested only to use the screens indoor under normal temperature and humidity.
- Plug in the power supply. Press the down button of the manual switch or the transmitter, the screen will go down smoothly. Press the stop button when the screen goes down to the expected position, otherwise the screen will stop at the lower limited position automatically (see figure 3).
- Press the up button of the manual switch or the transmitter, the screen will go up smoothly. Press the stop button when the screen goes up to the expected position, otherwise the screen will rollback to the housing. The screen won't be used for a long time when you cut off the power supply. Do not pull the control wires to avoid disconnection and it's dangerous.

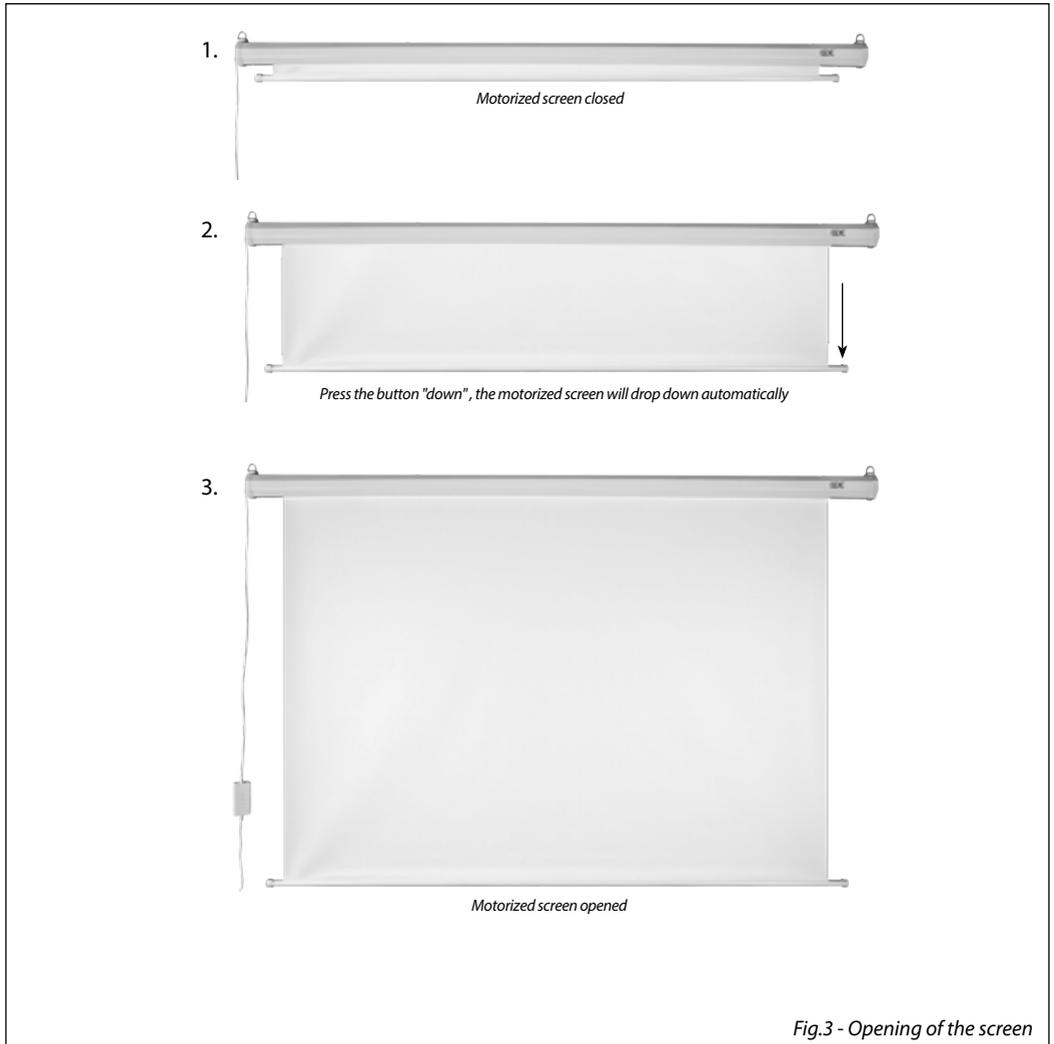
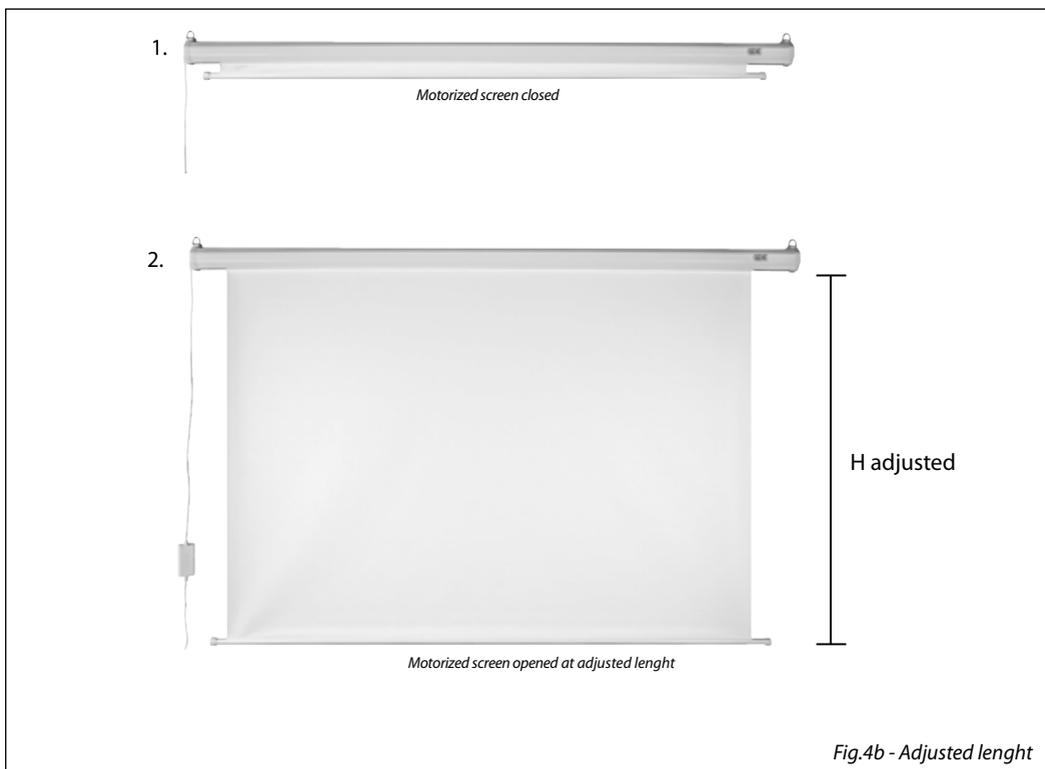
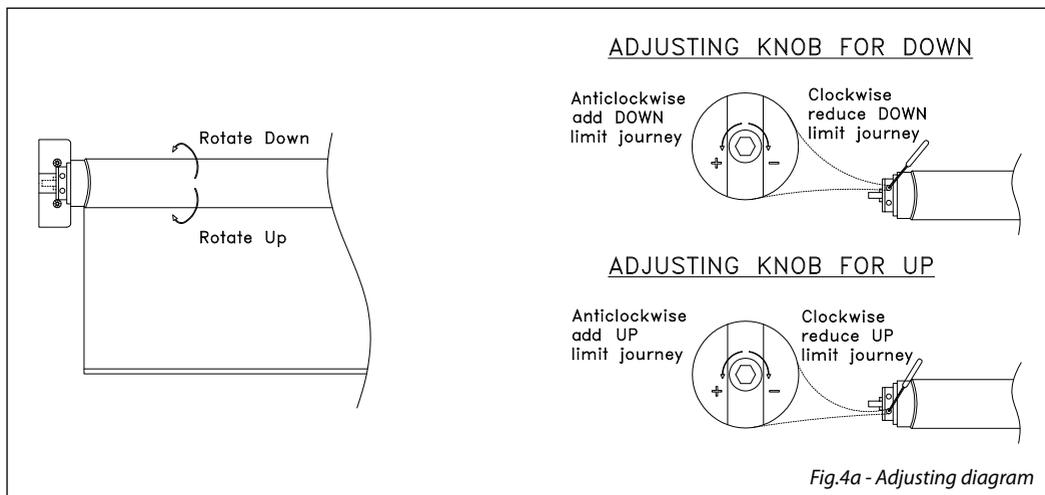


Fig.3 - Opening of the screen

### 2.3 ADJUST LIMIT SWITCH

Adjust the position for the two limit journey, see figure 4a - 4b.



## - 3 - FUNCTIONS AND SETTINGS

### 3.1 USEFUL INSTRUCTIONS

- Power unit: 230V/50Hz
- The screen can be used with the remote controllers. The remote control system can be with manual switch (System A) or wireless (System B). See figure 5.
- The screen can be operated directly, just push the UP/DOWN/STOP button on the remote controllers.
- The screen will automatically stops when the screen fabric goes up and back to the housing or when the top black border comes out totally. The screen can also stop at any position which you want.
- When the up and down buttons are pressed in the same time, the remote control is locked. Operation will be stopped. The system will be unlocked if the stop button is pressed again
- The power source will be cut off automatically if the motor operation has passed the present time limit. Then the motor will stop operation.
- The motor will perform up functions if the up button of the controller is pressed. If the stop button or down button is pressed, the motor will stop operation. When down button is pressed again, the motor will perform down functions. In case stop or up button is pressed, the motor will stop operation.

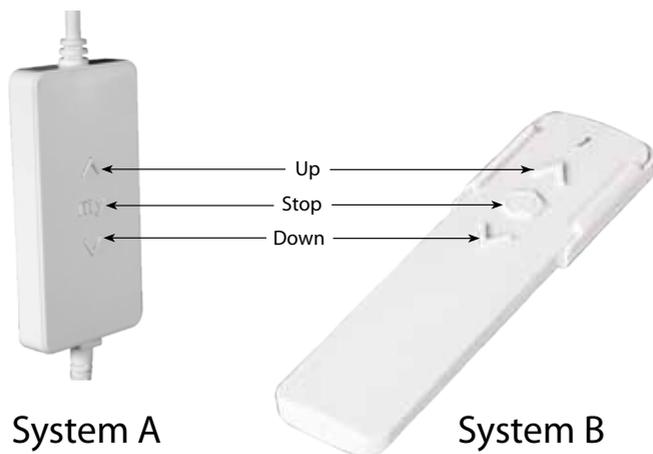
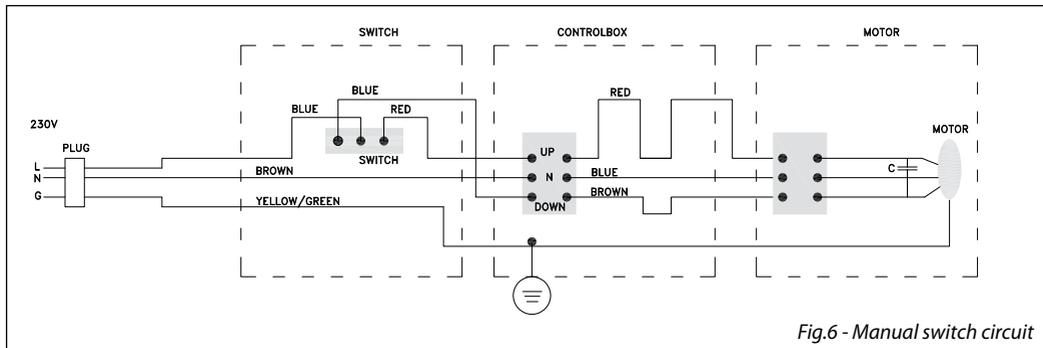


Fig.5 - Remote control systems

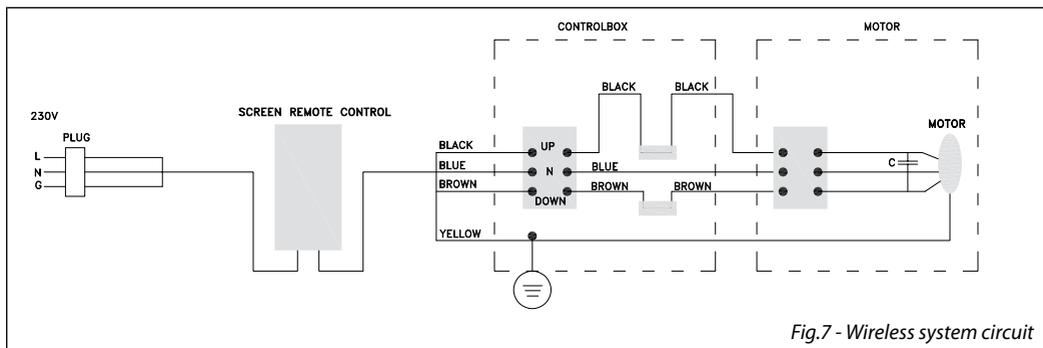
## - 4 - PRODUCT SPECIFICATIONS

### 4.1 CIRCUIT DIAGRAMS

- If the motorized screen works whit manual switch, please refer to the figure 6 for electric connection.



- If the motorized screen works whit remote control please refer to the figure 7 for electric connection.



NOTE - If the remote control does not work well, please check the battery and replace new one.

### 4.2 TECHNICAL DATA

- Matte White Screen
    - Gain: 1.1
    - Viewing angle: 160°
    - High colour rendering, high resolution
  - Glass Beaded Screen
    - Gain: 2.5
    - Viewing angle: 60°
    - High colour rendering, high resolution
  - High quality synchronous or tabular motor is equipped in the left end of the screen housing.
  - Gain Measurement: see the figure 8
- Standard: JB/T8389
- Viewing Angle Measurement: see the figure 9

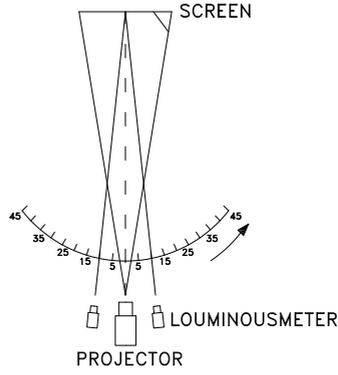


Fig.8 - Gain measurement

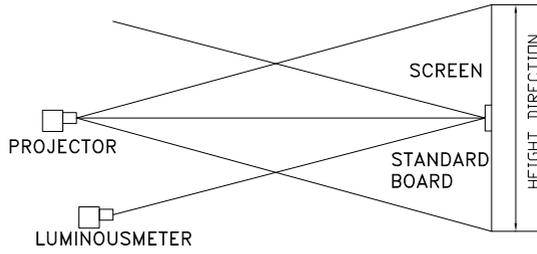


Fig.9 - Viewing angle measurement

**Il prodotto è coperto da garanzia in base alle vigenti normative. Sul sito [www.musiclights.it](http://www.musiclights.it) è possibile consultare il testo integrale delle "Condizioni Generali di Garanzia".**

#### **Estratto dalle**

#### **Condizioni Generali di Garanzia**

- *Si prega, dopo l'acquisto, di procedere alla registrazione del prodotto sul sito [www.musiclights.it](http://www.musiclights.it). In alternativa il prodotto può essere registrato compilando e inviando il modulo riportato sul retro.*
- *Sono esclusi i guasti causati da imperizia e da uso non appropriato dell'apparecchio.*
- *La garanzia non ha più alcun effetto qualora l'apparecchio sia stato manomesso.*
- *La garanzia non prevede la sostituzione dell'apparecchio.*
- *Sono escluse dalla garanzia le parti esterne, le lampade, le manopole, gli interruttori e le parti asportabili.*
- *Le spese di trasporto e i rischi conseguenti sono a carico del possessore dell'apparecchio.*
- *A tutti gli effetti la validità della garanzia è avallata unicamente dalla presentazione del certificato di garanzia.*

**The guarantee covers the unit in compliance with existing regulations. You can find the full version of the "General Guarantee Conditions" on our web site [www.musiclights.it](http://www.musiclights.it).**

#### **Abstract**

#### **General Guarantee Conditions**

- Please remember to register the piece of equipment soon after you purchase it, logging on [www.musiclights.it](http://www.musiclights.it). The product can be also registered filling in and sending the form available on your guarantee certificate.
- Defects caused by inexperience and incorrect handling of the equipment are excluded.
- The guarantee will no longer be effective if the equipment has been tampered.
- The guarantee makes no provision for the replacement of the equipment.
- External parts, lamps, handles, switches and removable parts are not included in the guarantee.
- Transport costs and subsequent risks are responsibility of the owner of the equipment.
- For all purposes, the validity of the guarantee is endorsed solely on presentation of the guarantee certificate.

# **Music & LIGHTS®**

## **CERTIFICATO DI GARANZIA GUARANTEE CERTIFICATE**

Spett.le  
**Music&Lights S.r.l.**  
Via Appia Km 136.200  
04020 Itri (LT) Italy

Place Stamp Here  
Affrancare

MODEL / MODELLO

SERIAL N° / SERIE N°

Purchased by / Acquistato da

SURNAME / COGNOME

NAME / NOME

ADDRESS / VIA

N.

CITY / CITTÀ

ZIP CODE / C.A.P.

PROV.

Dealer's stamp  
and signature

Timbro e firma  
del Rivenditore

Purchasing date

Data acquisto

FORM TO BE FILLED IN AND MAILED / CEDOLA DA COMPILARE E SPEDIRE

MODEL / MODELLO

SERIAL N° / SERIE N°

Purchased by / Acquistato da

SURNAME / COGNOME

NAME / NOME

ADDRESS / VIA

N.

CITY / CITTÀ

ZIP CODE / C.A.P.

PROV.

Dealer's stamp  
and signature

Timbro e firma  
del Rivenditore

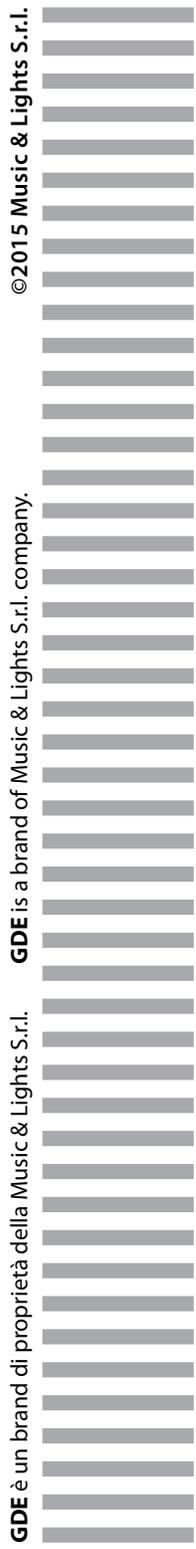
Purchasing date

Data acquisto

FORM TO BE FILLED IN AND KEPT / CEDOLA DA COMPILARE E CONSERVARE



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