



**BEAMZ**  
**MADE**  
**EAZY**

V1.0  
153.291

# **BS340**

# **USER MANUAL**



# INDEX

## ENGLISH

|                      |    |
|----------------------|----|
| PARTS OVERVIEW       | 4  |
| INSTALLATION DRAWING | 5  |
| CONTROLL MENU        | 6  |
| DMX CHANNELS         | 7  |
| CCT / PROGRAM TABLES | 9  |
| PRODUCT OPERATION    | 10 |
| WARNINGS             | 17 |

## NEDERLANDS

|                         |    |
|-------------------------|----|
| OVERZICHT ONDERDELEN    | 4  |
| INSTALLATIE TEKENING    | 5  |
| MENUBEDIENING           | 6  |
| DMX KANALEN             | 7  |
| CCT / PROGRAMMATABELLEN | 10 |
| PRODUCTOPERATIE         | 11 |
| WAARSCHUWINGEN          | 17 |

## DEUTSCH

|                        |    |
|------------------------|----|
| TEILEÜBERSICHT         | 4  |
| INSTALLATIONSZEICHNUNG | 5  |
| MENÜSTEUERUNG          | 6  |
| DMX KANÄLE             | 7  |
| CCT / PROGRAMMTABELLEN | 10 |
| PRODUKTOPERATION       | 12 |
| WARNUNGEN              | 17 |

## ESPAÑOL

|                         |    |
|-------------------------|----|
| RESUMEN DE LAS PARTES   | 4  |
| PLANO DE INSTALACIÓN    | 5  |
| CONTROL DE MENÚ         | 6  |
| CANALES DMX             | 7  |
| TABLAS DE CCT/PROGRAMAS | 10 |
| OPERACIÓN DE PRODUCTO   | 13 |
| ADVERTENCIAS            | 17 |

## FRANÇAIS

|                           |    |
|---------------------------|----|
| APERÇU DES PARTIES        | 4  |
| PLAN D'INSTALLATION       | 5  |
| CONTRÔLE DU MENU          | 6  |
| CANAUX DMX                | 7  |
| TABLEAUX DE PROGRAMME CCT | 10 |
| EXPLOITATION DU PRODUIT   | 14 |
| AVERTISSEMENTS            | 17 |

## POLSKI

|                         |    |
|-------------------------|----|
| PRZEGLĄD CZĘŚCI         | 4  |
| RYSUNEK INSTALACYJNY    | 5  |
| MENU CONTROL            | 6  |
| DMX KANAŁY              | 7  |
| CCT / TABELA PROGRAMOWE | 10 |
| PRODUCT OPERATION       | 15 |
| OSTRZEŻENIE             | 17 |

## CEŠŤINA

|                        |    |
|------------------------|----|
| PŘEHLED ČÁSTÍ          | 4  |
| INSTALAČNÍ VÝKRES      | 5  |
| MENU CONTROL           | 6  |
| DMX KANÁLY             | 7  |
| TABULKY CCT / PROGRAMŮ | 10 |
| PRODUKTOVÁ OPERACE     | 16 |
| VAROVÁNÍ               | 17 |

GB

NL

DE

ES

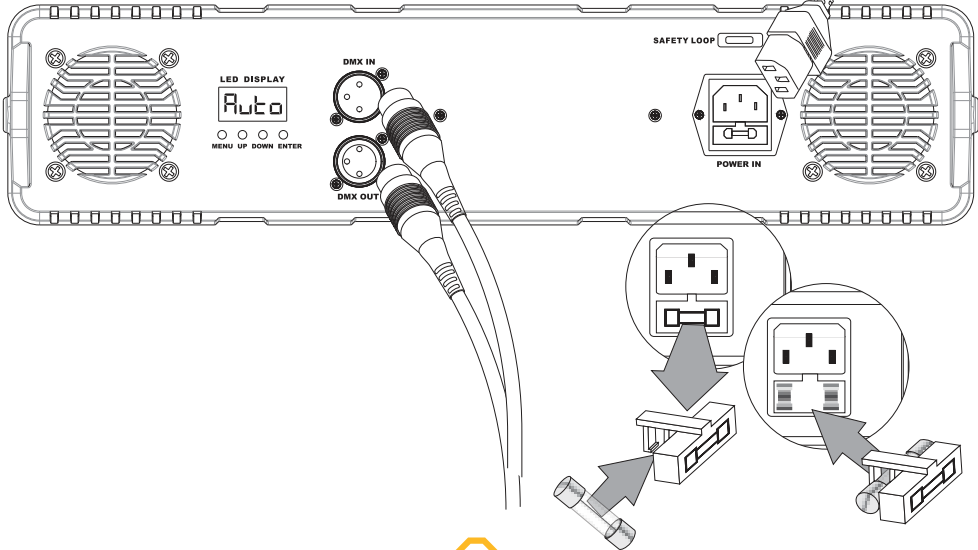
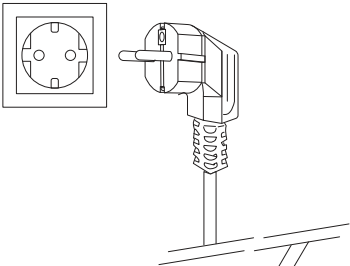
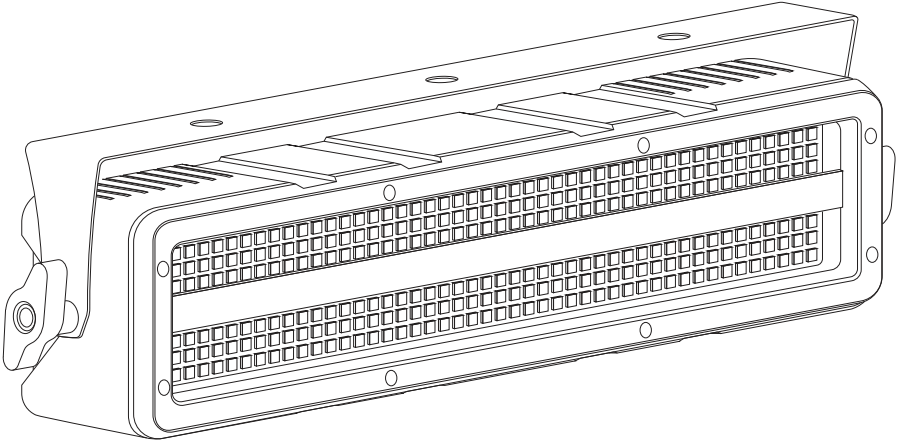
FR

PL

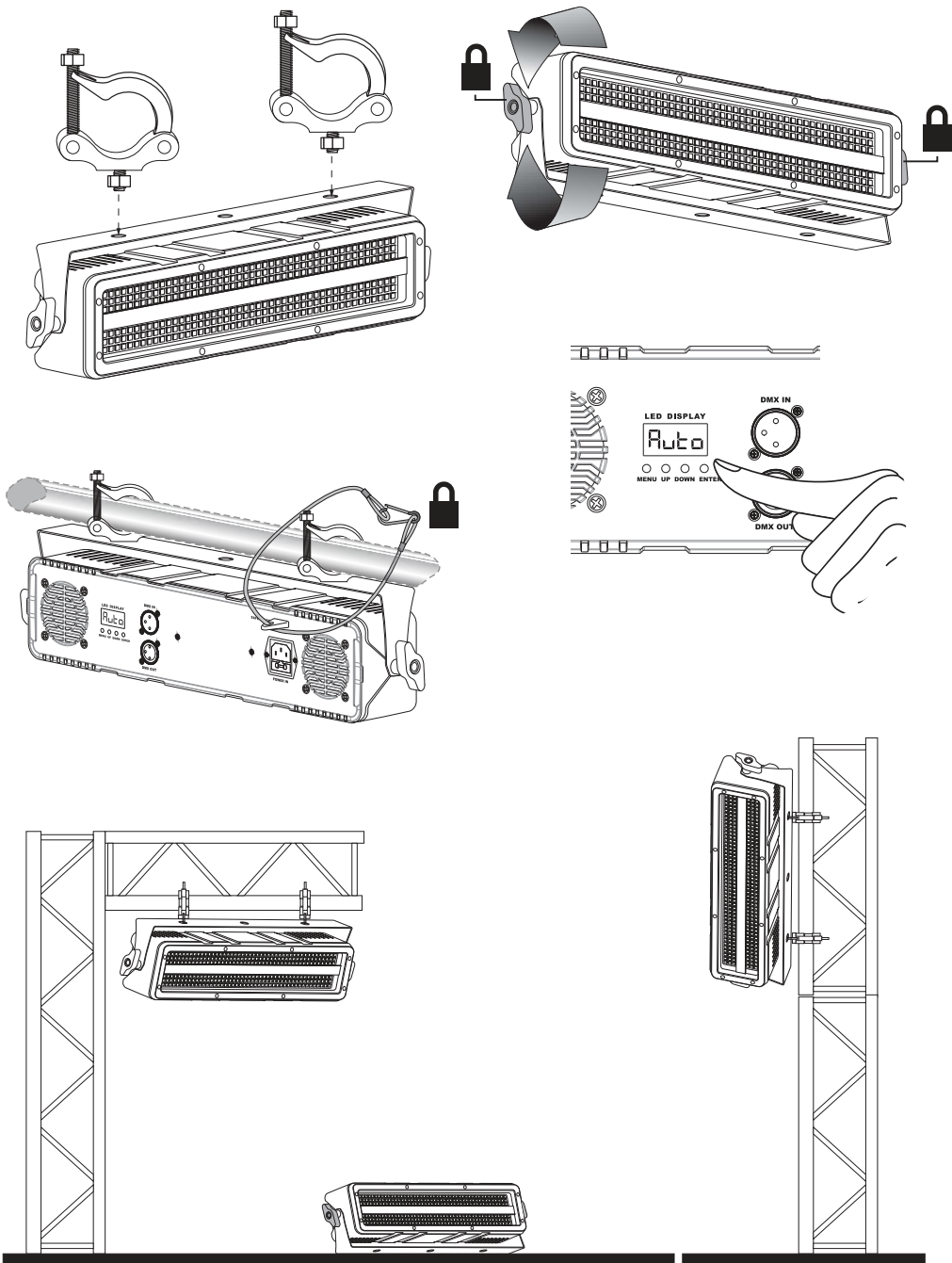
CZ



PRODUCT OVERVIEW



INSTALLATION



# CONTOL MENU

| MENU | Parameter | Value / Option | Description                              |
|------|-----------|----------------|------------------------------------------|
| Addr | A001-A512 |                | DMX Address selection                    |
| Chnd | 12/70ch   |                | Channel selection                        |
| Mode | Mast/d512 |                | Host mode selection                      |
| Soun | So 0-20   |                | Sound control program selection 0-20     |
|      | Se 99-0   |                | Sound control sensitivity adjustment     |
| Auto | Aut 0-20  |                | Auto effect selection                    |
|      | SP 1-9    |                | Auto effect speed adjustment             |
| RF   | ON/OFF    |                | Remote control on/off selection          |
| dISP | dISP      |                | Digital display flip setting             |
| t-30 |           |                | Displays the the temperature of the unit |
| ver  | V10       | Vxxxx.xx       | Current software version                 |
| Load | No/Yes    |                | load program                             |

# DMX CHANNELS

## 12 CHANNELS

| Channel | Function                    | Value   | Channels description |
|---------|-----------------------------|---------|----------------------|
| CH1     | Total dimmer                | 000-255 | 0%- 100%             |
| CH2     | No function                 | 000-008 | 0%- 100%             |
|         | Strobe speed slow to fast   | 009-255 | 0%- 100%             |
| CH3     | CCT (See CCT Table)         | 000-255 | 0%- 100%             |
| CH4     | Amber dimmer                | 000-255 | 0%- 100%             |
| CH5     | Cool white dimmer           | 000-255 | 0%- 100%             |
| CH6     | Red dimmer                  | 000-255 | 0%- 100%             |
| CH7     | Green dimmer                | 000-255 | 0%- 100%             |
| CH8     | Blue dimmer                 | 000-255 | 0%- 100%             |
| CH9     | Program (See Program Table) | 000-255 | Cool white + Amber   |
| CH10    | Program Speed slow to fast  | 000-255 |                      |
| CH11    | Program (See Program Table) | 000-255 | RGB                  |
| CH12    | Program Speed slow to fast  | 000-255 |                      |

## 70 CHANNELS

| Channel | Function            | Value   | Channels description        |
|---------|---------------------|---------|-----------------------------|
| CH1     | Total dimmer        | 000-255 | 0%- 100%                    |
| CH2     | No function         | 000-008 |                             |
|         | Strobe speed        | 009-255 | slow to fast                |
| CH3     | Amber dimmer 1      | 000-255 | Cool white + Amber 0%- 100% |
| CH4     | Cool white dimmer 1 | 000-255 |                             |
| CH5     | Amber dimmer 2      | 000-255 |                             |
| CH6     | Cool white dimmer 2 | 000-255 |                             |
| CH7     | Amber dimmer 3      | 000-255 |                             |
| CH8     | Cool white dimmer 3 | 000-255 |                             |
| CH9     | Amber dimmer 4      | 000-255 |                             |
| CH10    | Cool white dimmer 4 | 000-255 |                             |
| CH11    | Amber dimmer 5      | 000-255 |                             |
| CH12    | Cool white dimmer 5 | 000-255 |                             |
| CH13    | Amber dimmer 6      | 000-255 |                             |
| CH14    | Cool white dimmer 6 | 000-255 |                             |
| CH15    | Amber dimmer 7      | 000-255 |                             |
| CH16    | Cool white dimmer 7 | 000-255 |                             |
| CH17    | Amber dimmer 8      | 000-255 |                             |
| CH18    | Cool white dimmer 8 | 000-255 |                             |
| CH19    | Red dimmer 1        | 000-255 | RGB 0%- 100%                |
| CH20    | Green dimmer 1      | 000-255 |                             |
| CH21    | Blue dimmer 1       | 000-255 |                             |
| CH22    | Red dimmer 2        | 000-255 |                             |
| CH23    | Green dimmer 2      | 000-255 |                             |
| CH24    | Blue dimmer 2       | 000-255 |                             |
| CH25    | Red dimmer 3        | 000-255 |                             |
| CH26    | Green dimmer 3      | 000-255 |                             |
| CH27    | Blue dimmer 3       | 000-255 |                             |
| CH28    | Red dimmer 4        | 000-255 |                             |
| CH29    | Green dimmer 4      | 000-255 |                             |
| CH30    | Blue dimmer 4       | 000-255 |                             |

|      |                             |         |                    |
|------|-----------------------------|---------|--------------------|
| CH31 | Red dimmer 5                | 000-255 |                    |
| CH32 | Green dimmer 5              | 000-255 |                    |
| CH33 | Blue dimmer 5               | 000-255 |                    |
| CH34 | Red dimmer 6                | 000-255 |                    |
| CH35 | Green dimmer 6              | 000-255 |                    |
| CH36 | Blue dimmer 6               | 000-255 |                    |
| CH37 | Red dimmer 7                | 000-255 |                    |
| CH38 | Green dimmer 7              | 000-255 |                    |
| CH39 | Blue dimmer 7               | 000-255 |                    |
| CH40 | Red dimmer 8                | 000-255 |                    |
| CH41 | Green dimmer 8              | 000-255 |                    |
| CH42 | Blue dimmer 8               | 000-255 |                    |
| CH43 | Red dimmer 9                | 000-255 |                    |
| CH44 | Green dimmer 9              | 000-255 |                    |
| CH45 | Blue dimmer 9               | 000-255 |                    |
| CH46 | Red dimmer 10               | 000-255 |                    |
| CH47 | Green dimmer 10             | 000-255 |                    |
| CH48 | Blue dimmer 10              | 000-255 |                    |
| CH49 | Red dimmer 11               | 000-255 |                    |
| CH50 | Green dimmer 11             | 000-255 |                    |
| CH51 | Blue dimmer 11              | 000-255 |                    |
| CH52 | Red dimmer 12               | 000-255 |                    |
| CH53 | Green dimmer 12             | 000-255 |                    |
| CH54 | Blue dimmer 12              | 000-255 |                    |
| CH55 | Red dimmer 13               | 000-255 |                    |
| CH56 | Green dimmer 13             | 000-255 |                    |
| CH57 | Blue dimmer 13              | 000-255 |                    |
| CH58 | Red dimmer 14               | 000-255 |                    |
| CH59 | Green dimmer 14             | 000-255 |                    |
| CH60 | Blue dimmer 14              | 000-255 |                    |
| CH61 | Red dimmer 15               | 000-255 |                    |
| CH62 | Green dimmer 15             | 000-255 |                    |
| CH63 | Blue dimmer 15              | 000-255 |                    |
| CH64 | Red dimmer 16               | 000-255 |                    |
| CH65 | Green dimmer 16             | 000-255 |                    |
| CH66 | Blue dimmer 16              | 000-255 |                    |
| CH67 | Program (See Program Table) | 000-255 | Cool white + Amber |
| CH68 | Program Speed               | 000-255 | slow to fast       |
| CH69 | Program (See Program Table) | 000-255 | RGB                |
| CH70 | Program Speed               | 000-255 | slow to fast       |

PROGRAM AND CCT TABLE

PROGRAM TABLE

| Program | Function         |
|---------|------------------|
| 000-007 | No Function      |
| 008-019 | Program1         |
| 020-031 | Program2         |
| 032-043 | Program3         |
| 044-055 | Program4         |
| 056-067 | Program5         |
| 068-079 | Program6         |
| 080-091 | Program7         |
| 092-103 | Program8         |
| 104-115 | Program9         |
| 116-127 | Program10        |
| 128-139 | Program11        |
| 140-151 | Program12        |
| 152-163 | Program13        |
| 164-175 | Program14        |
| 176-187 | Program15        |
| 188-199 | Program16        |
| 200-211 | Program17        |
| 212-223 | Program18        |
| 224-235 | Program19        |
| 235-247 | Program20        |
| 248-255 | Sound Standalone |

CCT TABLE

| CCT       | Function    |
|-----------|-------------|
| 000 - 009 | No function |
| 010 - 029 | 2.200K      |
| 030 - 049 | 2.400K      |
| 050 - 069 | 2.800K      |
| 070 - 089 | 3.200K      |
| 090 - 109 | 3.600K      |
| 110 -129  | 4.000K      |
| 130 - 149 | 5.200K      |
| 150 - 169 | 5.400K      |
| 170 - 189 | 6.000K      |
| 190 - 209 | 6.400K      |
| 210 - 229 | 6.800K      |
| 230 - 255 | 7.200K      |



## PRODUCT OVERVIEW / INSTALLATION

**⚠ This product must be installed, maintained, and serviced only by an authorized and qualified electrician. Improper handling may result in electric shock, fire hazards, or equipment damage.**

To ensure the longevity and safe operation of the fixture:

Do not use the product in damp environments, areas with water leakage, or in locations where the ambient temperature exceeds 60°C. Do not install the product in locations that are unstable, loose, or subject to vibration or shaking. To avoid electric shock, all repairs or internal servicing must be carried out only by qualified professionals. During operation, the power supply voltage must remain within  $\pm 10\%$  of the rated value. Excessively high voltage will shorten the LED lifespan. Excessively low voltage may affect color stability and performance. Carefully read this manual before operating the product.

### LED Fixture Installation

LED fixtures may be installed horizontally, angled, or suspended upside down. When installing the fixture at an angle or in an inverted position, use the correct installation method to ensure stability and safety. Before positioning the fixture light (see Page 5), verify that the installation site and mounting surface are secure, stable, and capable of supporting the fixture's weight. For inverted or overhead installations, ensure that the fixture is firmly attached to the support structure and cannot slip or fall.

### ⚠ Mandatory Safety Cable

Always use a safety cable when installing the tube overhead. The cable must pass through both the mounting structure and the Tube light's designated safety attachment point to prevent the fixture from falling or sliding. During installation, adjustment, or testing, ensure no pedestrians or personnel pass underneath the working area.

### Regular Safety Inspections

Check the following periodically: The safety cable is not worn or damaged. All mounting hardware, including clamps and screws, remains tightened and secure.

### Signal Wire Connection (DMX)

Use an RS-485 compliant cable with the following specifications:

Shielded

120  $\Omega$  characteristic impedance

22–24 AWG (0.25–0.35mm<sup>2</sup>) cable

Low capacitance / low reactance

**⚠ The DMX-512 line must be terminated using a CX108 DMX terminator (3-pin; art.nr. 177.942). An unterminated DMX line can cause signal reflections that may lead to flickering, loss of control, or other communication faults.**

### Do not use microphone cables or cables with mismatched specifications.

Connections must be made using 3-pin XLR male/female connectors (minimum 1/4 W).

### Master/Slave Mode

Interconnect all fixtures using the XLR data connectors located on the rear panel. Use standard 3-pin XLR DMX data cables to establish the daisy-chain. Configure the first fixture in the chain as the Master:

Connect only the female XLR (DMX OUT) on the Master unit.

Configure the last fixture in the chain as the final Slave:

Connect only the male XLR (DMX IN) on the last unit.

Link the first Slave unit to the Master using its XLR DMX IN connector.

Set the Master unit to the desired operating mode.

Set all Slave units to DMX address D001 to enable synchronized Slave operation.

### DMX Mode

When using an external DMX controller, assign each fixture a DMX address between 001 and 512. The fixture will respond to the incoming DMX control signal according to the assigned address and channel mode. Ensure that no two fixtures share the same start address unless synchronized control is intended.

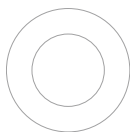
### Auto Mode

Power on the fixture. Press the MENU button repeatedly until "Auto Mode" appears on the display. Press ENTER to activate Auto Mode. The fixture will now run internal automated programs without external control.

### Sound Mode

Power on the fixture. Press the MENU button until "Sound" is shown on the display. Press ENTER to enable Sound Mode. The fixture will respond to audio input detected by the internal microphone.

| SYMPTOM                                    | POSSIBLE CAUSE                                                                                                                                                       | SUGGESTED ACTION                                                                                                                                                                                          |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No response from fixture.                  | No power.<br>Internal fault.                                                                                                                                         | Check mains power and connections.<br>Disconnect power and contact authorized service.                                                                                                                    |
| Fixture powers on but does not respond.    | Controller not connected or wrong mode selected.<br>Faulty DMX cable or Ethernet connection.<br>Missing DMX terminator (DMX mode).<br>Incorrect address or universe. | Connect controller and select DMX or Art-Net mode.<br>Check and replace cables if necessary.<br>Install a 120 $\Omega$ terminator on the last fixture.<br>Check DMX address or Art-Net universe settings. |
| Fixture responds incorrectly.              | Configuration or software issue.                                                                                                                                     | Reset fixture and check settings.                                                                                                                                                                         |
| Light output cuts out.                     | Overheating.<br>Internal fault.                                                                                                                                      | Allow fixture to cool and ensure proper airflow.<br>Disconnect power and contact authorized service.                                                                                                      |
| Fixture shuts down or behaves erratically. | Incorrect mains voltage or frequency.                                                                                                                                | Check power supply matches fixture specifications.                                                                                                                                                        |



**European Union**  
Tronios B.V.,  
Bedrijvenpark Twente Noord 18,  
NL-7602KR Almelo,  
The Netherlands  
info@tronios.com

**United Kingdom**  
Tronios Ltd.,  
Central 8, Caspian Close  
Stanford-le-Hope SS17 9FN,  
United Kingdom

**BEAMZLIGHTING.COM**

Copyright © 2025 by Tronios The Netherlands



# BEAMZ

**YOUR FUTURE**  
**YOUR SKILLS**  
**YOUR PLATFORM**  
**YOUR PARTY**  
**YOUR EVENT**



is a leading developer of lighting products, including intelligent DMX moving heads, wireless battery operated DMX effects, static washes, sound-activated club effects, strobes & blacklights, LED lighting, fog and special effects machines, lasers and indoor and outdoor architectural lighting, as well as lighting controllers and protective bags.

**BEAMZLIGHTING.COM**

