

# FIRMWARE UPDATE INSTRUCTION + UPDATE HISTORY

*To assure the best possible performance of your equipment we carry out regular software updates to correct possible errors and/or adding new features. Therefore we advise you to always install the latest updates. **READ THE INTRUCTIONS + UPDATE HISTORY CAREFULLY!***

## **CHALLENGER BEAM**

The attached "YFU-file" should be programmed using the special "FIRMWARE UPDATER" unit from our Briteq® brand. (order code: B04319) Update instructions are included with the firmware updater.

**Attention: there are 2 files so the update is done in 2 times:**

- FIRST load the file starting with "CHALLENGER\_BEAM-**v00-v00**"
- THAN load the file starting with "CHALLENGER\_BEAM-**v\*\*-v\*\***" (\*\* is the current software version)

## **UPDATE HISTORY**

### **V1.00-V1.00 (2023-11-02)**

Original firmware as used in batch1.

### **V1.10-V1.10 (2024-05-17)**

We advise to install this update as it brings improvements / solutions for some known issues.

- Bugfix: on some devices, the output briefly turned off and on again when the light beam was turned on.
- Bugfix: The DMX and MASTER leds on the front panel were mixed up.
- Bugfix: The ENTER and MENU buttons on the front panel were mixed up while the display was inverted.

### **V1.20-V1.10 (2025-08-11)**

We advise to install this update as it brings improvements / solutions for some known issues.

- Renamed: Show 1,2,3,4 now have names that better reflect their functions (limiting pan/tilt movements under microphone control)
  - **Show 1 / Floor 180°:** used when the fixture is placed **on the floor**.  
Pan and tilt movements are NOT limited.
  - **Show 2 / CeilingHung:** used when the fixture is fixed **under ceiling**.  
Pan movements are not limited.  
Tilt movements are limited to 120° (+60° / -60° from the center)
  - **Show 3 / Stage Floor:** used when the fixture is placed **on a podium, in front of the audience**.  
The spot is always projecting to the audience's direction; i.e. in front of the stage.  
Pan movements are limited to 160°  
Tilt movement angle: 90° (60° above horizon; 30° below horizon.)
  - **Show 4 / Stage Hung:** used when the fixture is fixed **under ceiling**.  
The spot is mainly projecting in front of the stage.  
Pan movements are limited to 160°  
Tilt movements are limited to 90° (vertically, front 75°; back 15°)
- Bugfix: Shows 1,2,3,4 now also work while used in 5MSL DMX mode.

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