Document revision history

<table>
<thead>
<tr>
<th>Version</th>
<th>Order Nr</th>
<th>Release</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>K4.0020165</td>
<td>F6606</td>
<td>01.05.2018</td>
</tr>
</tbody>
</table>

Scope

This document describes the components and the setup of the SRH-3 Stabilized Remote Head system and its components.

Disclaimer

Before using the products described in this manual, be sure to read and understand all the respective instructions.

Otherwise the customer must contact ARRI before using the product. While ARRI endeavors to enhance the quality, reliability and safety of their products, customers agree and acknowledge that the possibility of defects thereof cannot be eliminated entirely. To minimize the risk of damage to property or injury (including death) to persons arising from defects in the products, customers must incorporate sufficient safety measures in their work with the system and heed the stated conditions of use.

ARRI or its subsidiaries do not assume any responsibility for losses incurred due to improper handling or configuration of the TRINITY or other system components. ARRI assumes no responsibility for any errors that may appear in this document. The information is subject to change without NOTICE.

For product specification changes after this manual was published, refer to the latest published ARRI data sheets or release notes, etc., for the most up-to-date specifications.

Not all products and/or types are available in every country. Please check with an ARRI sales representative for availability and additional information.

Neither ARRI nor its subsidiaries assume any liability for infringement of patents, copyrights or other intellectual property rights of third parties by or arising from the use of ARRI products or any other liability arising from the use of such products. No license, express, implied or otherwise, is granted under any patents, copyrights or other intellectual property rights of ARRI or others.

ARRI or its subsidiaries expressly exclude any liability, warranty, demand or other obligation for any claim, representation, cause, action, or whatsoever, express or implied, whether in contract or not, including negligence, or incorporated in terms and conditions, whether by statute, law or otherwise.

In no event shall ARRI or its subsidiaries be liable for or have a remedy for recovery of any special, direct, indirect, incidental, or consequential damages, including, but not limited to lost profits, lost savings, lost revenues or economic loss of any kind or for any claim by a third party, downtime, good-will, damage to or replacement of equipment or property, any cost or recovery of any material or goods associated with the assembly or use of our products, or any other damages or injury of the persons and so on or under any other legal theory.

In the event that one or all of the foregoing clauses are not allowed by applicable law, the fullest extent permissible clauses by applicable law are validated.
Table of Contents

1  For your safety  
2  Installation  
3  Assigning the Controllers
For your safety

The SRH-3 system and products should only be used by experienced and trained operators. This product is NOT designed for inexperienced users and should not and must not be used without proper training.

ARRI recommends that all users of the SRH-3 system read the manual in its entirety prior to use.

All directions are given from a camera operator’s point of view. For example, camera-right side refers to the right side of the camera when standing behind the camera and operating it in a normal fashion.

The appendix at the back of the manual contains useful reference material including specifications, connector pin-out diagram.

Before use, please ensure that all users comprehensively read, understand, and follow the instructions in this document.

1.1 Risk Levels and Alert Symbols

Safety warnings, safety alert symbols, and signal words in these instructions indicate different risk levels:

**DANGER**

*Danger* indicates an imminent hazardous situation which, if not avoided, will result in death or serious injury.

**Warning**

*WARNING* indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.

**CAUTION**

*CAUTION* indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**NOTE**

*NOTE* explains practices not related to physical injury. No safety alert symbol appears with this signal word.

**NOTE**

Provides additional information to clarify or simplify a procedure.
2 Installing the Controllers

<table>
<thead>
<tr>
<th>CAUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disconnect any power supply from the remote panel.</td>
</tr>
</tbody>
</table>

2.1 Preparation

**NOTE**
Remove the joystick handle first.

2.2 Dismantling the covers

**NOTE**
A T10 Torx screwdriver is needed for the next steps.

Remove the 4 screws of each cover at the left side of the remote panel.

Remove the both covers.

2.3 Dismantling the bottom plate

Flip over the remote panel, place it onto a soft surface and remove the six T10 screws of the bottom plate.

2.4 Cable preparations

**NOTE**
The controllers are Daisy Chained with each other.

That means that the focus wheel shall be connected to the zoom rocker and the zoom rocker will then be connected to the main board.

Connect the bus cable to any of the two four pin ports of the focus wheel board.

2.5 Mounting and connecting the focus controller

**NOTE**
The shape of both modules will guide the alignment of the single controllers.

This means that the modules cannot be installed incorrectly.

Place the focus wheel at the upper and make sure that all 4 T10 screws are tight.
2.6 Mounting and connecting the zoom controller

Connect the bus cable to any of the two four pin ports of the focus wheel board.

Now place the zoom rocker at the lower position make sure that all 4 T10 screws are tight.

Connect the bus cable coming from focus board to the zoom rocker board.

2.7 Connecting the controllers to the main board

Connect the second bus cable either with the focus or zoom board and then with the 4pin socket at the lower right corner of the mainboard.

2.8 Bottom Plate

Bring back the bottom plate and ensure that all 6 screws are tighten again.
3 Assigning the new controllers

3.1 The screen shot shows that Focus and Zoom are assigned to the touchscreen.

**NOTE**
To assign focus and zoom to the new internal controllers, you need assign each controller to its needed function.

3.2 Assigning Focus

Touching the area below Focus, will open a new touchscreen display menu.

3.3 Next touch Assign

3.4 For Focus you need to select **W1** for focus wheel.

**NOTE**
Press Assign

3.5 Assigning Zoom

Touching the area below Zoom, will open a new touchscreen display menu.

3.6 Next touch Assign

3.7 For Focus you need to select **R1** for zoom rocker.

**NOTE**
Press Assign