STAS multirail accessories
STAS multirail accessories

Assemble your STAS multirail system step by step. In this brochure we have created an overview of all rail types, light fixtures, spotlights, adapters, hooks and cords.

**Step 1: choose a multirail**

**Step 2: choose a fixture**

- fixture “classic”
- fixture “sirius”
- fixture “signo”

**Step 3: choose a spotlight**

- led spot 3.5 W 27°
- led spot 3.5 W 95°
- powerled 4 W matt
- halogen spot 20 W clear
- halogen spot 20 W matt

**Step 4: choose an adapter**

**Step 5: choose hooks and cords**

STAS assembly instructions fixtures

For assembly instructions of the rail systems:
STAS multirail systems are picture rails with integrated 12 V power supply wires (low voltage). Thanks to these wires, it is possible to click a light fixture into the rail at any spot to illuminate your wall decor.

STAS offers five rail types:

**Multirail for walls:**
- **STAS multirail**
  The classic, patented 12 V rail.
- **STAS multirail crown**
  The multirail crown disappears behind your moulding of choice.
- **STAS multirail max**
  The multirail max features a top rim that closes the small gap between rail and ceiling.

**Multirail for ceilings:**
- **STAS multirail flat**
  The multirail flat can be installed almost invisibly in plasterwork or behind flat moulding.
- **STAS u-rail multi**
  The u-rail multi was specifically designed for drop ceilings.

**STEP 1: choose a multirail**

**STAS multirail system**

**STAS multirail white**
- VH10200 200 cm
- VH10300 300 cm

**STAS multirail alu**
- VH30200 200 cm
- VH30300 300 cm

**STAS multirail max system**

**STAS multirail max white**
- V10420 200 cm
- V10430 300 cm

**STAS multirail max alu**
- V30420 200 cm
- V30430 300 cm

**STAS multirail max corner cap white**
- VD20500
- VD30500

**STAS multirail max corner cap alu**
- VD30500

**STAS rail clip (metal, 3 per m1)**
- RD40100
- RD40200
- SR30100
- SR50700

**STAS rail connector**
- SJ10200

**STAS plug**
- VF50200

**STAS multirail max matching installation accessories**
- VE10200
- VE30400
- VE20100
- VE20500
- VE30500
- VE40100
- VE40200
- SR30100
- SR50700
- VF50200
- VF50300

**STAS multirail max matching installation accessories**
- RD20500
- RD20400
- SJ10200
- SR30700
- VF50200

**STAS multirail crown system**

**STAS multirail crown white**
- RC10420 200 cm
- RC10430 300 cm

**STAS multirail crown alu**
- VC30420 200 cm
- VC30430 300 cm

**STAS multirail crown corner connector white**
- RD20400
- RD20500

**STAS multirail crown rail connector**
- SJ10200

**STAS multirail crown screw**
- SR50700

**STAS plug**
- VF50200

**STAS multirail crown matching installation accessories**
- VE20000
- VE30400
- VE20100
- VE20500
- VE30500
- VE40100
- VE40200
- SR30100
- SR50700
- VF50200

**STAS multirail flat system**

**STAS multirail flat white**
- RC10520 200 cm
- RC10530 300 cm

**STAS multirail flat alu**
- VP30200 200 cm
- VP30300 300 cm

**STAS multirail flat corner connector white**
- RD20400
- RD20500

**STAS multirail flat rail connector**
- SJ10200

**STAS multirail flat screw**
- SR50700

**STAS plug**
- VF50200

**STAS multirail flat matching installation accessories**
- VE20000
- VE30400
- VE20100
- VE20500
- VE30500
- VE40100
- VE40200
- SR30100
- SR50700
- VF50200

**STAS u-rail multi system**

**STAS u-rail multi white**
- VP10200 200 cm
- VP10300 300 cm

**STAS u-rail multi alu**
- VP30200 200 cm
- VP30300 300 cm

**STAS u-rail multi black**
- VP20200 200 cm
- VP20300 300 cm

**STAS u-rail multi matching installation accessories**
- SP10100
- SP20100
- SP30100

**STAS rail clip (metal, 3 per m1)**
- RD40100
- RD40200
- SR30100
- SR50700

**STAS rail connector**
- SJ10200

**STAS plug**
- VF50200

**STAS multirail conductor 12 V straight**
- VF50100

**STAS multirail conductor 12 V corner**
- VF50100

**STAS screw**
- SR50700

**STAS u-rail multi conductor 12 V straight**
- VF50100

**STAS u-rail multi conductor 12 V corner**
- VF50100

**STAS u-rail multi matching installation accessories**
- SP10100
- SP20100
- SP30100

**STAS rail clip (metal, 3 per m1)**
- RD40100
- RD40200
- SR30100
- SR50700

**STAS rail connector**
- SJ10200

**STAS plug**
- VF50200

**STAS multirail conductor 12 V straight**
- VF50100

**STAS multirail conductor 12 V corner**
- VF50100

**STAS screw**
- SR50700

**STAS u-rail multi conductor 12 V straight**
- VF50100

**STAS u-rail multi conductor 12 V corner**
- VF50100

**STAS u-rail multi matching installation accessories**
- SP10100
- SP20100
- SP30100
STAS fixtures can be clicked easily into your STAS multirail. All fixtures are compatible with all STAS multirail systems.

**How to choose**

- The bigger the distance between light source and wall, the bigger the artwork that can be illuminated. In other words: choose a large fixture for lighting a large work of art.
- Is your wall 210 cm high or higher? We would recommend installing a fixture of 70 cm.

**Adjusting**

Fixtures do not need to be adjusted by any complex process. Simply prick a bulb into the fixture and you’re done. All fixtures have a flexible part with which small adjustments to the beam angle can be made.

**Warranty**

1 year warranty applies to all fixtures.

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**STEP 2: choose a fixture**

**STAS classic fixture**

- Length: 50 cm or 70 cm
- Colour: white or chrome

**STAS signo fixture**

- Length: 70 cm
- Colour: chrome

**STAS sirius fixture**

- Length: 40, 50 or 65 cm
- Colour: chrome

**STAS multirail classic fixtures**

- VA30500 STAS multirail fixture classic white 50 cm
- VA30700 STAS multirail fixture classic white 70 cm
- VA30500 STAS multirail fixture classic chrome 50 cm
- VA30700 STAS multirail fixture classic chrome 70 cm

**STAS multirail signo fixtures**

- VA30770 STAS multirail fixture signo chrome 70 cm

**STAS multirail sirius fixtures**

- VA30365 STAS multirail fixture sirius chrome 40 cm
- VA30465 STAS multirail fixture sirius chrome 50 cm
- VA30665 STAS multirail fixture sirius chrome 65 cm

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STEP 2: choose a fixture
Each STAS spotlight is compatible with each fixture.

Base your choice on for instance the type of lighting, the type of light beam or the colour of the light.

**Led or halogen?**

Led lighting is energy efficient, has a long lifespan and doesn’t emit infrared radiation.

Halogen lighting has a higher light intensity and a warmer light colour. The disadvantage of halogen is its relatively high heat emission. In the long run, this can impact the colours of your artwork.

**Matt or clear lens?**

A clear lens creates a sharp beam of light. A matt lens creates a diffuse, soft light beam that spreads out more.

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**STEP 3: choose a spotlight**

**STAS led spot 3.5 W / 27°**

Emits a narrow beam of light suitable for small paintings.

<table>
<thead>
<tr>
<th>Power</th>
<th>VL10200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>3.5 W</td>
</tr>
<tr>
<td>Output equivalent</td>
<td>20 W</td>
</tr>
<tr>
<td>Max. consumption</td>
<td>3.5 W</td>
</tr>
<tr>
<td>Light intensity</td>
<td>200 lm</td>
</tr>
<tr>
<td>Infrared radiation</td>
<td>none</td>
</tr>
<tr>
<td>Light colour</td>
<td>warm white</td>
</tr>
<tr>
<td>Colour temperature</td>
<td>3000 K</td>
</tr>
<tr>
<td>Beam angle</td>
<td>27°</td>
</tr>
<tr>
<td>Socket</td>
<td>MR11-GU4.0</td>
</tr>
<tr>
<td>Vibrational impact</td>
<td>low</td>
</tr>
<tr>
<td>Lifespan</td>
<td>40.000 hrs</td>
</tr>
<tr>
<td>Energy class</td>
<td>A+</td>
</tr>
</tbody>
</table>

**STAS led spot 3.5 W / 95°**

Emits a wide beam of light suitable for large artworks.

<table>
<thead>
<tr>
<th>Power</th>
<th>VL10200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
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<td>20 W</td>
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</tr>
<tr>
<td>Light intensity</td>
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<tr>
<td>Infrared radiation</td>
<td>none</td>
</tr>
<tr>
<td>Light colour</td>
<td>warm white</td>
</tr>
<tr>
<td>Colour temperature</td>
<td>3000 K</td>
</tr>
<tr>
<td>Beam angle</td>
<td>95°</td>
</tr>
<tr>
<td>Socket</td>
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<td>Vibrational impact</td>
<td>low</td>
</tr>
<tr>
<td>Lifespan</td>
<td>40.000 hrs</td>
</tr>
<tr>
<td>Energy class</td>
<td>A+</td>
</tr>
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</table>

**STAS powered 4 W matt**

The closed housing avoids light spill at the back.

<table>
<thead>
<tr>
<th>Power</th>
<th>VL10700</th>
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<tbody>
<tr>
<td>Power</td>
<td>4 W</td>
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<tr>
<td>Output equivalent</td>
<td>&lt; 4 W</td>
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<tr>
<td>Max. consumption</td>
<td>3.4 W</td>
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<tr>
<td>Light intensity</td>
<td>170 lm</td>
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<tr>
<td>Infrared radiation</td>
<td>none</td>
</tr>
<tr>
<td>Light colour</td>
<td>neutral white</td>
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<tr>
<td>Colour temperature</td>
<td>3000 K</td>
</tr>
<tr>
<td>Beam angle</td>
<td>30°</td>
</tr>
<tr>
<td>Socket</td>
<td>MR11-GU4.0</td>
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<tr>
<td>Vibrational impact</td>
<td>low</td>
</tr>
<tr>
<td>Lifespan</td>
<td>40.000 hrs</td>
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<tr>
<td>Energy class</td>
<td>A+</td>
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</table>

**STAS halogen 20 W Kandolite clear**

Equipped with a double coating on the reflector side, preventing light spill on the ceiling.

<table>
<thead>
<tr>
<th>Power</th>
<th>VL10200</th>
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<tbody>
<tr>
<td>Power</td>
<td>20 W</td>
</tr>
<tr>
<td>Output equivalent</td>
<td>20 W</td>
</tr>
<tr>
<td>Max. consumption</td>
<td>20 W</td>
</tr>
<tr>
<td>Light intensity</td>
<td>150 lm</td>
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<tr>
<td>Infrared radiation</td>
<td>medium</td>
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<tr>
<td>Light colour</td>
<td>warm white</td>
</tr>
<tr>
<td>Colour temperature</td>
<td>2700 K</td>
</tr>
<tr>
<td>Beam angle</td>
<td>30°</td>
</tr>
<tr>
<td>Socket</td>
<td>MR11-GU4.0</td>
</tr>
<tr>
<td>Vibrational impact</td>
<td>low</td>
</tr>
<tr>
<td>Lifespan</td>
<td>3.000 hrs</td>
</tr>
<tr>
<td>Energy class</td>
<td>B</td>
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</tbody>
</table>

**STAS halogen 20 W Kandolite matt**

Equipped with a double coating on the reflector side, preventing light spill on the ceiling.

<table>
<thead>
<tr>
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<tbody>
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<td>Light colour</td>
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<tr>
<td>Colour temperature</td>
<td>2700 K</td>
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<tr>
<td>Beam angle</td>
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</tr>
<tr>
<td>Socket</td>
<td>MR11-GU4.0</td>
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<tr>
<td>Vibrational impact</td>
<td>low</td>
</tr>
<tr>
<td>Lifespan</td>
<td>3.000 hrs</td>
</tr>
<tr>
<td>Energy class</td>
<td>B</td>
</tr>
</tbody>
</table>
STAS offers 3 different adapters.

The choice of an adapter depends on 3 things:

1. the type of spotlight you’d like to use (led or halogen)
2. the number of spotlights you’d like to install
3. the number of meters of rail you’d like to install

**Using multiple adapters**

In case you would like to use more than the above mentioned number of meters or spots, you will have to use multiple adapters.

**CAUTION:**

Create independent circuits when using more than one adapter! Adapters must never be connected, neither directly nor indirectly. In short: NEVER connect two rail segments that are each connected to a different adapter! Exclusively connect rail segments that share one adapter.

**Dimming of light**

The current STAS adapters are not yet dimmable. We strongly advise against connecting your own switch or dimmer to the system. Be aware that if you do this anyway, all system warranty expires.

### STEP 4: choose an adapter

<table>
<thead>
<tr>
<th>Adapter 18 W</th>
<th>Adapter 60 W</th>
<th>Adapter 96 W</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Adapter 18 W" /></td>
<td><img src="image2.png" alt="Adapter 60 W" /></td>
<td><img src="image3.png" alt="Adapter 96 W" /></td>
</tr>
</tbody>
</table>

#### Number of spotlights

<table>
<thead>
<tr>
<th>VT20500 Adapter 18 W</th>
<th>Led 3.5 W</th>
<th>Led 4 W</th>
<th>Halogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>3</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VT20400 Adapter 60 W</th>
<th>Led 3.5 W</th>
<th>Led 4 W</th>
<th>Halogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>12</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VT20300 Adapter 96 W</th>
<th>Led 3.5 W</th>
<th>Led 4 W</th>
<th>Halogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>20</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

Maximum number of meters of rail per adapter:

- VT20500: 16
- VT20400: 16
- VT20300: 8

#### Product information

<table>
<thead>
<tr>
<th>STAS adapters</th>
<th>VT20500 STAS multirail adapter 18W</th>
<th>VT20400 STAS multirail adapter 60W</th>
<th>VT20300 STAS multirail adapter 96W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input voltage</strong></td>
<td>AC100-240 V ~ 50/60 Hz 0.7 A</td>
<td>AC100-240 V ~ 50/60 Hz 1.6 A</td>
<td>AC100-240 V ~ 50/60 Hz 2 A</td>
</tr>
<tr>
<td><strong>Output voltage</strong></td>
<td>DC 12 V == 1.5 A</td>
<td>DC 12 V == 5 A</td>
<td>DC 12 V == 8 A</td>
</tr>
<tr>
<td><strong>Ampère</strong></td>
<td>1.5 A</td>
<td>5 A</td>
<td>8 A</td>
</tr>
<tr>
<td><strong>Dimensions (l x h x w)</strong></td>
<td>75 x 86 x 36 mm</td>
<td>110 x 32 x 62 mm</td>
<td>149 x 38 x 65 mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>180 g</td>
<td>415 g</td>
<td>600 g</td>
</tr>
<tr>
<td><strong>Connection</strong></td>
<td>Input plug (EU)</td>
<td>Input cable (EU) 1.2 m</td>
<td>Input cable (EU) 1.5 m</td>
</tr>
<tr>
<td><strong>Output cable</strong></td>
<td>3 m</td>
<td>3 m</td>
<td>3 m</td>
</tr>
<tr>
<td><strong>Quality label</strong></td>
<td>CE</td>
<td>GS TÜV</td>
<td>WEEE</td>
</tr>
<tr>
<td>**UL CE</td>
<td>GS TÜV</td>
<td>WEEE</td>
<td>ROHS</td>
</tr>
</tbody>
</table>
**STAP 5: choose hooks and cords**

Hanging your art is the very last step. To do that, you will need hooks and cords.

Consider two factors when choosing your hooks and cords:

1. the weight of the object you wish to hang
2. the look that appeals most to you

Choose one of four possible combinations.

- **STAS smartspring on STAS cobra + perlon cord**
  - max. 4 kg

- **STAS zipper on STAS cobra + perlon cord**
  - max. 15 kg

- **STAS zipper on STAS cobra + steel cable**
  - max. 20 kg

- **STAS zipper on STAS cobra + steel cable (black or white)**
  - max. 10 kg

**NB:** The STAS zipper pro can be applied in the same way as the STAS zipper.
STAS assembly instructions fixtures

STEP 1: choose a multirail
STEP 2: choose a fixture
STEP 3: choose a spotlight
STEP 4: choose an adapter
STEP 5: choose hooks and cords

For assembly instructions of the rail systems:

Tip: the fixtures in the “sirius” and “signo” series come with a plastic key with which you can easily remove or relocate the fixture.