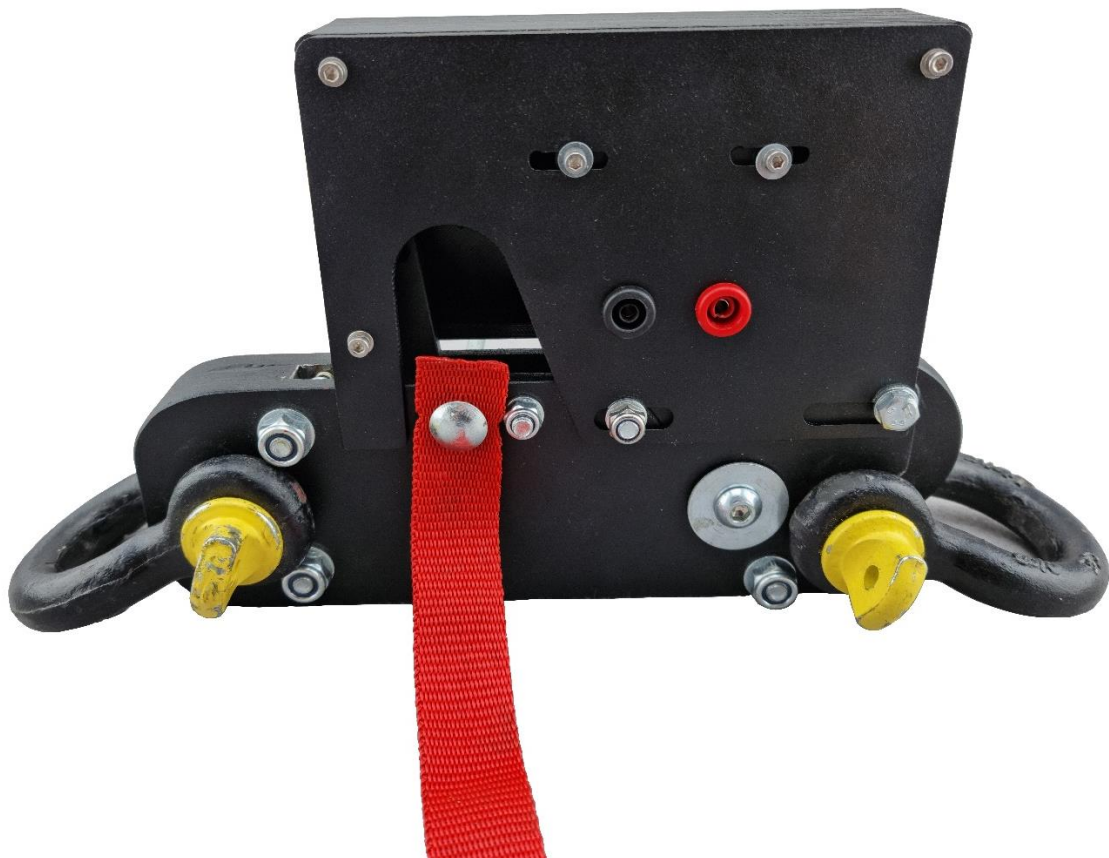


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Instruction Manual Heavy-Duty Release



Our heavy-duty release is used to release loads at the push of a button. It is a release system in which a large load is dropped without any noticeable delay by applying electrical voltage. The system is primarily used to create special effects for stage and film productions or photo shoots. However, it is also used by fire departments and other first aid organizations for training purposes.

Please read this instruction manual carefully before using the heavy-duty release for the first time and only use it if you are 100% sure that you have fully understood all safety-related points in the manual.

No consumables are required to operate the heavy-duty release and there is no minimum weight. The maximum weight of 2.5t must not be exceeded under any circumstances.

Important Safety Instructions:

- This product is not a toy! It should only be used by experienced professionals of legal age who are aware of the dangers involved in handling suspended loads. We strongly recommend that you test the effect several times before using it for the first time so that you have the opportunity to gain sufficient experience with the system.
- Quality and safety are our top priorities when manufacturing heavy-duty releases. All systems are manufactured in Germany with great care. Before delivery, all heavy-duty releases are checked to ensure that they function perfectly and are tested up to their maximum load capacity. However, as the use of heavy-duty releases is beyond our control, we cannot accept any liability. Always use at your own risk!
- People or animals must never be suspended from the heavy-duty release. The system was designed to release objects and is not approved for suspending people. Exceptions, e.g. stunt people, require an appropriate risk assessment and suitable compensatory measures by the user. Again, we accept no liability for such applications.
- Likewise, people or animals must never stand under suspended loads if they are only secured with the heavy-duty release. Exceptions for performers or stunt people with appropriate training and accident insurance are at the discretion of the user. The danger zone below suspended loads must be appropriately marked and barricaded off.
- If the load is too heavy, there is a risk of permanent damage to the heavy-duty release. The system could give way and the load could fall. Always ensure that all other lifting gear used (shackles, webbing slings, etc.) is also suitable for the suspended weight.
- Our heavy-duty release is only designed for static loads and not for dynamic loads! Any sudden strain must be avoided at all costs.
- When installing the system, make absolutely sure that the heavy-duty release is attached the right way round. As a rule, the releasing unit will always remain on top and only the lower shackle and the load will fall off. Important: The power source and the connecting cable must also remain attached and must not be dropped with the load.
- Under no circumstances should the heavy-duty release be triggered while work is being carried out on it - risk of fingers being crushed by automatically moving parts.
- The heavy-duty release should hang as freely as possible and have room to move so that there is sufficient space to release the load. Under no circumstances should the system be stretched over an edge. Twisting of the load, e.g. due to wind, should also be avoided. If there is a risk of the load twisting, we recommend the use of an appropriate swivel joint.
- The heavy-duty release is triggered by 24 V direct current (extra-low voltage). It is essential to observe polarity and correct voltage! We recommend a Galaxis PFE Advanced 10k receiver for triggering. The unit must be secured against unauthorized activation before use.

- We recommend keeping the supplied safety splint in the heavy-duty release for as long as possible. As long as the safety splint stays inserted, the heavy-duty release remains properly locked.
- The system is only rainproof to a limited extent. In heavy rain, we recommend covering the equipment without impairing the freedom of movement of the release.
- Any heavy-duty release must be visually checked and functionally tested before each use. If you are unsure about the condition of your heavy-duty release, you are welcome to send us the device for inspection.

Preparation and Operation of the Heavy-Duty Release:

1. Carry out a visual inspection of the heavy-duty release and all other lifting gear.
2. Mount the heavy-duty release on the anchor point the correct way round.
3. Connect the release cable, paying attention to polarity.
4. Check that the release unit is secured against unauthorized operation.
5. Lock the heavy-duty release.
6. Attach the release shackle (without any load).
7. Carry out a test release of the release shackle (without load).
8. Relock the heavy-duty release.
9. Insert the safety splint.
10. Attach the loaded release shackle. If necessary, install a swivel joint.
11. If necessary, remove the safety splint now. If possible, lift the load first minimally and only remove the safety splint when everything is suspended securely and the load has stopped rotating.
12. If the drop zone is sufficiently barricaded off and marked, bring the load to drop height.
13. Only release the load while the entire drop zone is visible and clear.
14. If for any reason the release cannot be triggered, keep the drop zone barricaded off. Bring the load to the ground slowly and only start troubleshooting after the weight has been lifted off of the system.

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