

Fire, Ice and Magic

Pfarrstraße 3
85778 Haimhausen
Germany

Tel: +49 8133-9967170
mail@fire-ice-and-magic.de
www.fire-ice-and-magic.de

Instruction Manual Magnetic Curtain Release



Our magnetic release system is intended for creating "kabuki effects" (e.g. releasing curtains) and should only be operated by experienced specialists. The handling involves risks and therefore requires sufficient experience. Please only use the drop effect if you have tested it several times beforehand under safe conditions. As its use is beyond our control, it is always at your own risk.

Common Examples of Application:

1. Releasing bags or ropes.
2. Dropping curtains.
3. Dropping lighter decorative items or props.
4. Controlled "collapse" of suspended ceilings, etc.
5. Dispensing flyers, business cards, promotional gifts, etc.
6. Releasing helium balloons.
7. Releasing rubber ropes, rubber nets or stretch fabric.



Notes on Installation:

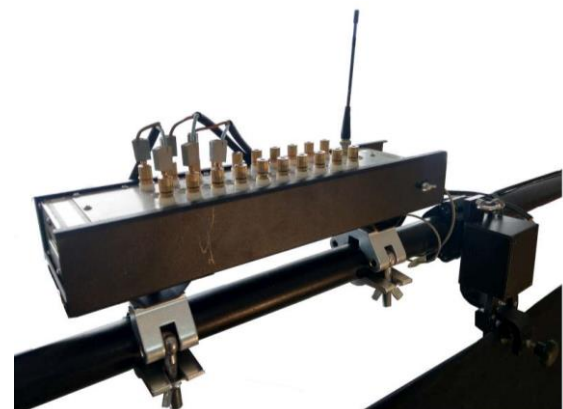
1. Before each use, the magnetic curtain releases must be checked to ensure that they are functioning correctly. Pay extra attention to the truss clamp.
2. Mount the magnetic release on a truss or pipe with sufficient load-bearing capacity and further secure it with a safety wire rope.
3. Establish a cable connection between the magnetic curtain release and the device that will later supply the power. We recommend using the Galaxis PFE Advanced with 10 outputs (no matrix). The input voltage must be 24 volts.



Attention: The magnetic releases only work with direct current. Never use alternating current! Furthermore, they only work if the polarity is not reversed. Do not connect the magnetic releases in series, only parallel. Ensure sufficient power distribution. The magnetic releases consume approx. 40 watts each. They should not be permanently energized, but only switched on briefly for the release.

Notes for users of the Galaxis PFE Advanced:

The devices must be used WITHOUT a matrix and must be operated in the "10-channel mode". One PFE Advanced provides sufficient power for up to 10 magnetic release devices - ideally one output equals one device. Pay attention to the correct polarity!



4. Check that the clamping screw is loosened far enough and that the magnetic mechanism is locked in place.

5. Insert the material that is to be ejected. Tighten the screw relatively tightly, but not so tight that the metal plate separates from the magnet prematurely. If possible, the suspended material should only protrude slightly beyond the plate of the clamping screw.
6. If necessary, switch on the Galaxis PFE and program the outputs accordingly.
7. If necessary, move the truss into position.
8. Energize the magnetic trigger at the desired time for ejection. The ejection takes place without any noticeable time delay. Only trigger if the ejection area is completely visible and clear. In particular, there should be no people or sensitive materials (e.g. fragile objects, open flames, hot spotlights, devices that need to be ventilated, etc.) in the drop zone. We strongly recommend testing the ejection effect sufficiently after each new set-up.
9. Before each reload, loosen the clamping screws and make sure that all magnets are reattached.



We are happy to answer any questions you may have about magnetic curtain releases.

Fire, Ice and Magic

Andreas Tügel

Pfarrstraße 3

85778 Haimhausen

Germany

Tel: +49 8133-9967170

mail@fire-ice-and-magic.de

www.fire-ice-and-magic.de