



EXOFIRE



FXArmBypass

Smart Bypass Controller for MAGIC FX Devices
featuring the SFX ARM System

Revision 1.1

Simple Unlocking for Magic FX ARM System

The FXArmBypass is a specialized controller designed to permanently unlock MAGIC FX devices that use the SFX Safety ARM System. It replaces the original ARM Controller in specific applications – without built-in safety features, but with maximum efficiency. Ideal for professional environments with controlled operation.

Key Benefits at a Glance

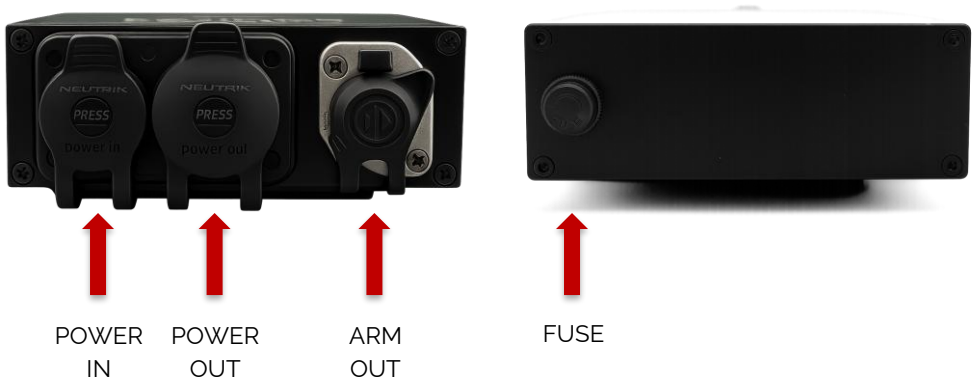
- ✓ **Plug & Play:** Automatically starts when powered on and restarts within milliseconds, even after a power outage.
- ✓ **No ARM cabling required:** Eliminates complex wiring for ARM control signals
- ✓ **No Terminator needed:** Simplifies setup by removing the need for MagicFX Terminators
- ✓ **Direct mounting:** The device features rear-mounted magnetic plates for effortless attachment to MagicFX steel housings.
- ✓ **Compact & lightweight:** Only 0.4 kg, 100 x 110 x 40 mm
- ✓ **Reliable & robust:** Industrial-grade housing and PowerCON, EtherCON, RJ45 ports
- ✓ **Great as a backup:** Ideal as a fallback solution alongside the original system
- ✓ **Cost-effective:** Considerably more affordable than the original MagicFX ARM Controller – with equal reliability

When to Use FXArmBypass

FXArmBypass is perfect for setups where a full safety system is not mandatory – for example, in technical test setups, controlled installations, or where safety is already ensured by other means. It's also a great backup solution in case of system failures, cable breaks, or emergency replacements on site.

Technical Specifications

- Power supply: 100–250 VAC, 50–60 Hz
- Max power consumption: 35 W
- Connections:
 - PowerCON True1 IN/OUT
 - EtherCON (ARM OUT)
 - RJ45 OUT
- Mounting: Includes magnetic plates
- Dimensions: 100 × 110 × 40 mm
- Weight: 0.4 kg



Application Scenarios

Standalone Use:

Connect directly to one compatible device.

Daisy-Chain Use:

One FXArmBypass can unlock multiple compatible devices in a chain.

✓ Note that in all application scenarios, no MagicFX Terminator Key is required.



Standalone Use



Daisy-Chain Use

Important Safety Information

- Installation and use only by qualified personnel
- Do not use if people or animals are in the activation zone
- Do not modify or attempt to repair the device
- Always test the unit before each use

Warranty & Support

- 24-month manufacturer warranty (within Germany)
- Fast service and support by EXOFIRE GmbH

Order & Contact

EXOFIRE GmbH

Wanheimerstr. 90-92

40468 Düsseldorf, Germany

☎ +49 (0) 211 – 8790 – 9800

✉ sales@exofire-rental.com

🌐 www.exofire.de

🌐 www.exofire-rental.com



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