
Mortise Lock Interface

Smart & Reliable Access Control Integration

LX-MRTS LOCK INT



Integrate electronic door locks seamlessly into the Luxio Controls GRMS ecosystem with the Mortise Lock Interface. Designed for real-time communication and reliable access management, it enables PIN and RFID data retrieval, continuous lock status monitoring, offline credential storage, and door activity logging for secure and efficient hotel room access control.

Features & Functionality

Luxio Mortise Lock Interface

- Real-time communication with GRMS.
- PIN/RFID information retrieval.
- Continuous mortise lock monitoring and control.
- Stores valid access credentials for offline use.
- Logs all door activities.
- Eliminates concerns over battery depletion.



The Luxio Mortise Lock Interface is an integral part of our GRMS, providing advanced control over guest room security. This interface ensures real-time communication, capturing PIN and RFID data for access management. It's engineered to monitor lock status, handle valid credentials for offline use, and record door activity, like openings and internal lock engagements. Designed for reliability, it diminishes worries about battery life, promising consistent operation and peace of mind.

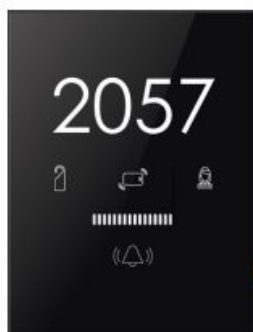
Technical Specifications

Parameter	Value
Product Name	LX- MRTS LOCK INT
Power Supply	VDC 24V $\pm$ 20% 0.5A
Physical Interface	Wired
Max Cable Length	30 m
RS-485 Interface	1x port, up to 8 devices
Operating Temperature Range	0 °C - +45 °C
Operation Humidity Range	30% to 85% non-condensing
Storage & Transportation Temperature Range	-10 °C - +70 °C
Case Material	ABS V0 flame retardant
Dimensions (W x H x D)	50 x 43 x 15 mm
Weight	100 g
Protection Level	IP20, for indoor use only

Wiring Diagram and Functions

Mortise Lock

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Luxio LX- MCR 12
Main Controller



Luxio Mortise Lock Interface



About Luxio Controls

Luxio specializes in hotel automation solutions for both the retrofit and new-build markets. We use state-of-the-art technologies to increase the energy efficiency of hotel rooms and the productivity of hotel staff by streamlining operating processes. Our products have been developed for the hotel industry.

Luxio typically saves hoteliers an average of up to 40% in energy costs and 30% on staff count per property. Luxio is known to increase guest satisfaction, which is positively reflected in online guest reviews. According to a US Environmental Protection Agency calculation, installing one Luxio Room Kit is equal to planting 535 trees.

Luxio Controls Hospitality Management Systems

Messeplatz 10, 4058 Basel, Switzerland

+41 61 539 15 89

info@luxiocontrols.com

www.luxiocontrols.com