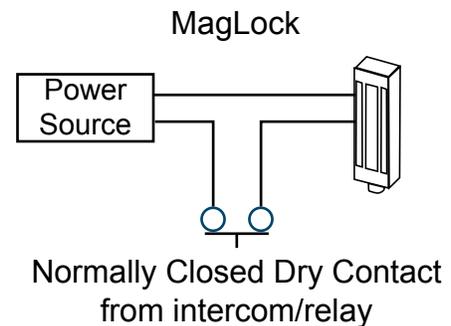
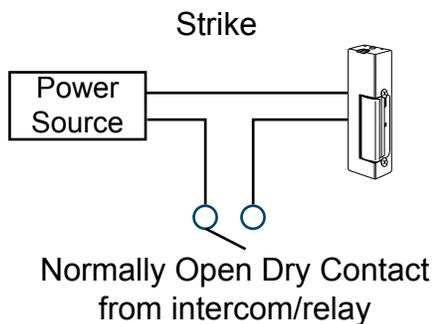


Connecting Intercom to Strike / Maglock

Aiphone intercom units that come equipped with a key button have the ability to release electronic door strikes and maglocks associated with door intercom stations.

Connection Diagram



Door Strikes, Maglocks, and REX inputs

Overview

Aiphone intercom systems with the door release capability will either activate a built in dry contact or an external relay when the key button is depressed. Depending on the system used, the dry contacts will be located in the master unit or the door station. Refer to the system installation manual for details. Door strikes require power to be applied to activate, while maglocks require the power to be shunted to activate.

Door Strike

When using the intercom with a door strike, attach one side of the dry contact to a wire going to one side of the door strike power source. The power source should be different from the one powering the intercom. Attach the other side of the dry contact to one side of the door strike. Connect the other side of the strike to the unused side of the power source. See diagram above. Pressing the key button will complete the circuit and give power to the strike allowing the door to open.

Maglock

When using the intercom with a maglock, attach one side of the dry contact to a wire going to one side of the maglock power source. The power source should be different from the one powering the intercom. Attach the other side of the dry contact to one side of the maglock. Connect the other side of the maglock to the unused side of the power source. See diagram above. Pressing the key button will open the circuit and shunt power from the maglock allowing the door to open.

REX

If a Request to Exit input is available, connect the dry contacts from the intercom or relay to the appropriate REX input of the access control system.