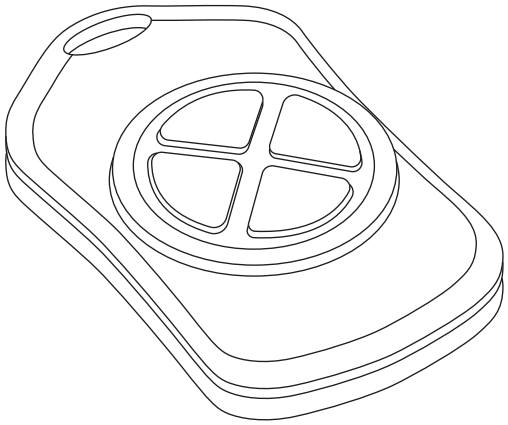
keysy

The RFID Duplicator

User Manual
Model – KF-001



Programming an RFID credential into Keysy:
1. Hold down the desired button to program for 6 seconds.
2. After 6 seconds the red LED will begin blinking, release the button.
3. Place the Keysy antenna (behind the LED) in the center of the card/keyfob.
4. Gently move it around until the LED turns green. Keysy is now programmed.
5. After 15 seconds if no valid ID is read the LED will turn amber. If this happens flip the card/keyfob over and repeat steps 1-4 on the other side.
6. If card fails to read after multiple attempts it may be unsupported. Feel free to email info@tinylabs.io with an image of the device for support.

Using Keysy:
1. Press and release the previously programmed button, the LED will flash green to indicate a valid ID is stored.
2. Hold Keysy in front of the RFID reader. The reader should beep or blink indicating a valid ID has been read. That's it!

Copying a previously read ID onto a Keysy rewritable keyfob:
1. Hold Keysy against the rewritable keyfob, aligning the LED in the center of the rewritable keyfob.
2. Press the button containing the desired ID 5 times while holding in front of the rewritable keyfob.
3. After a short delay Keysy will either blink green (success) or red (failure) 3 times.
4. If programming failed flip over the rewritable keyfob and repeat steps 1-3.
5. After being programmed the keyfob can be used just like the original and requires no battery.
6. Additional rewritable keyfobs are available for purchase at http://tinylabs.io/keysy

Note:
Keysy consumes very little power when emulating RFID and while in an idle state. However, when programming Keysy or rewritable keyfobs a large amount of power is required. It is recommended to only program with a fresh CR2032 battery. If programming fails and the battery is not fresh, replace the battery and retry the programming sequence.

For assistance please email info@tinylabs.io.

Technical Specifications

Operating Frequency	125kHz
Working Temperature	-30° - +60° C

Warning Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.