# RouterCOPY V1.1

**TOYOTA / LEXUS READING & EMULATING KEYS TOOL**

**FOR ALL MODELS  MY2017 - MY2023**



> ## PURPOSE OF THE DEVICE

Electronic smart key copying device **RouterCopy** is designed to provide emergency access to Toyota / Lexus vehicles equipped with keyless entry systems.

The device performs a direct complete copy of electronic smart key.

RouterCopy can be applied, provided there is access to the electronic key at a short distance, measured in tens of centimeters (20-40 cm).

Data of the key required for emulation is scanned within 3-4 seconds directly during copying. After scanning the data in key emulation mode, the device provides access to the vehicle.

For key emulation, there is no need to scan data from the car's keyless entry system and a lengthy recalculation procedure.

➢ **SUPPORTED CAR MODELS**

**Toyota / Lexus:  All models** including **2017**-**2023 MY**.

➢ **SUPPORTED KEY TYPES** - **id88, idA8, idA9, idAA, idBA, idF4**   EUR/USA/ASIA.

➢ **SUPPORTED FREQUENCIES** - 433MHz (Europe), 315 MHz (America), 312 MHz (Japan).

➢ **THE KIT**

1) Main block;
2) Smartphone.

➢ **OPERATING THE DEVICE** ( *step by step instructions* )

1) Turn on the device.
2) Connect a smartphone running Android or iOS to the device's Wi-Fi network.
3) Enter in the browser search bar for **iOS:** «toylex.local» / for **Android**: «192.168.4.1».
4) Press **Enter**, the device control page will open.

➢ **DESCRIPTION OF CONTROL BUTTONS**

- «**Search**» - searching the key.
- «**Read**» - selecting the last recorded key.
- «**Prev**» - selecting a key from the recorded list.
- «**Num**» - the key's sequence number from the device's memory-stored list.
- «**Clear all mems**» - not active.
- «**Set as active**» - activating emulation for the selected key from the device's memory-stored list.
- «**Set cnter**» - the value (code adjustment) for the key's radio channel, for button operability.
- «**Set fregs**» - the frequency setting for the specific key type and region. Confirm - checkbox label **V**

| KEY | EUR | USA | ASIA |
|---|---|---|---|
| 88 / A8 / A9-type1 | 5-7 | 0-3 | 1-2 |
| A9-type2 / AA | 8-5 | 0-3 | 1-2 |

- «**Open**» - opening ( via radio channel ).
- «**Close**» - closing ( via radio channel ).
- **Connected** - indicator of connecting smartphone to the device.
- **Bat** - device battery charge indicator.
- **ID** - serial number of the key.

➢ **Recording the key**

To record the key press the «**Search**» and move the device next to the key ( 20-40cm ). On the smartphone screen, the ID field will display the indication in percentages. When the reading is completed, the key ID will be visible on a green background. The reading takes 3-4 seconds. The key data is automatically stored with a sequential number in the device memory. The device automatically switches to the emulation mode of the current key.

➢ **Emulating the key**

To emulate the key from the device memory list, press «**Read**», by pressing «**Prev**»  find the desired serial number from the list or simply enter the key's sequential number in the «**NUM**» field.  Confirm with the «**Set as active**» button.

➢ **Operating the buttons (radio channel)**

"In the «**Set cnter**» field, enter the number of presses on the buttons of the original key towards an increased count, for example 4000, and confirm by selecting «**Set cnter**» and «**Set as active**».

After this, using the smartphone buttons, you can control the **opening/closing** via the radio channel at a distance of up to 50 meters.

After opening and closing from a smartphone, the buttons on the original key will stop functioning. The functionality of the key buttons can be restored only by reprogramming the original key.

➢ **THE DEVICE PROVIDES ACCESS TO THE FOLLOWING MODELS**

| TOYOTA | KEY | LEXUS | KEY | SUBARU | KEY |
|---|---|---|---|---|---|
| COROLLA: 2012-2019 | idA8 | LX570: 2015 – 2020 | idA8 | FORESTER: 2016 – 2022 | idF3 |
| ALPHARD: 2015 – 2022 | idA9 | LX570: 2020 – 2022 | idA9 | OUTBACK: 2016 – 2022 | idF3 |
| HIGHLANDER: 2014-2020 | idA8 | LS: 2012 – 2017 | id88 | LEGACY: 2016 – 2022 | idF3 |
| CHR: 2016 – 2022 | idA9 | RX: 2015 – 2022 | idA9 | LEVORG: 2016 – 2022 | idF3 |
| PRIUS:  2015 – 2022 | idA9 | NX: 2014 – 2019 | idA8 | XV: 2016 – 2022 | idF3 |
| PRIUS PRIME: 2016 – 2022 | idA9 | NX: 2020 – 2022 | idA9 | | |
| CAMRY: 2012 – 2017 | id88 | GX: 2018 – 2019 | idA8 | | |
| CAMRY: 2017 – 2022 | idA9 | GX: 2019 – 2022 | idA9 | | |
| RAV4: 2012 – 2018 | id88 | ES: 2012 – 2020 | id88 | | |
| RAV4: 2019 – 2023 | idAA | IS: 2013 – 2020 | idA8 | | |
| LC 200: 2015 – 2019 | idA8 | IS: 2020 – 2022 | idA9 | | |
| LC 200: 2020 – 2021 | idA9 | IS: 2019 – 2023 | idAA | | |
| YARIS: 2012 – 2020 | id88 | RC: 2020 – 2022 | idA9 | | |
| AVENSIS: 2012 – 2022 | id88 | LC: 2017 – 2022 | idA9 | | |
| AURIS: 2012 – 2018 | id88 | UX: 2018 – 2023 | idAA | | |
| LC 150: 2018 – 2019 | idA8 | | | | |
| LC 150: 2020 – 2022 | idA9 | | | | |

**\*  INFORMATION ABOUT SUPPORT FOR OTHER MODELS NEEDS TO BE CLARIFIED**

***Attention!** The device is intended for temporary use in emergency situations for auto service, dealers, and police personnel. Not intended for permanent use!*