

# Electronic keys TM2002, TM2003, TM2004

## 1. PURPOSE

Electronic keys TM2002, TM2003, TM2004 (further keys) are intended for work with intercoms "Metacom". Among themselves, the keys differ in the format of data transfer, the ability to write information into the key. TM2002 has a current output for data transmission. TM2003 analogue of the Dallas iButton DS1990A key. TM2004 is a non-recorded media, according to the principle of data transmission similar to TM2003.

## 2. PRINCIPLE OF OPERATION

Each key contains a special chip, which is a non-volatile memory. The key memory is stored in a unique binary code information that is written into the crystal with the help of a laser installation during its manufacture and can not be changed during the whole service life, except for the key TM2004 where the information (serial number) is recorded on a special programmer by the user. The data exchange protocol for the keys TM2003 and TM2004 is similar to the Dallas iButton DS1990A key protocol. The TM2002 key has its own original protocol, different from the Dallas iButton protocol.

**In the keys TM2002, TM2003, TM2004 there is no data encryption during storage or transmission of information.**

The key housing is mounted in a special plastic holder.

## 3. CONTENTS OF DELIVERY

Key	Depending on the packaging, pcs
Passport (if necessary)	1 pcs
Label	1 pcs
Packaging	1 pcs

## 4. WARRANTY LIABILITIES

The manufacturer guarantees the compliance of the key with the requirements of MTKM.305368.002TU when the user fulfills the rules of use, storage and transportation.

Warranty period - 12 months from the date of sale, but not more than 18 months from the date of manufacture. Service life is 5 years from the date of manufacture.

In case of violation of the integrity of seals and / or the presence of mechanical, electrical or other types of damage caused by improper transportation, storage, operation or actions of third parties, claims for quality are not accepted and warranty repairs are not made.

## 5. CERTIFICATE OF ACCEPTANCE

Electronic key            TM2002 - ☐  
                                 TM2003 - ☐  
                                 TM2004 - ☐

meets the specifications and is considered suitable for operation.

Release date \_\_\_\_\_

OTK representative \_\_\_\_\_ seal

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