

4. WARRANTY LIABILITIES

The manufacturer guarantees that the handset meets the requirements of MTKM.460554.001 TU when the consumer applies the rules of use, storage and transportation to the apartment negotiating METAKOM TKP-14X.

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 the presence of mechanical, electrical or other types of damage caused by improper transportation, storage, operation or actions of third parties, no claims for quality are accepted and no warranty repair is performed.

5. CONTENTS OF DELIVERY.

Handset TKP-14X 1 psc.
Fixing kit 1 psc.
Passport 1 psc.
Packing box 1 psc.

6. CERTIFICATE OF ACCEPTANCE.

The apartment handset TKP-14X corresponds to the requirements of TU 6652-59879795-2003 and is considered suitable for operation.

Serial number _____

Release date _____

OTK representative _____ seal

The address of the manufacturer:

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APARTMENT HANDSET METAKOM TKP-14X

1. PURPOSE

The METROCOM TKP-14X is a room-type conference room intended for installation in apartment subscribers and is used for an audible call, visitor-to-subscriber connection and remote door-opening by the subscriber. As the calling panels, the METACOM panels with a four-wire communication line (similar to the COMMAX line) are used, for example, MK1-XR-N, MK1-XR-E. The handset is supplied from a DC or AC source with a voltage of 15V (for example, METACOM BP-2U).

2. SPECIFICATIONS.

Maximum resistance of the communication line, Ohm	30
DC supply voltage, V	15...18
Consumed current in standby mode, mA (max)	50
Consumed current in talk mode, mA (max)	200
Operating temperature range, deg. C	+5...+40
Relative air humidity at t = 35 ° C, % (max)	95
Overall dimensions, mm	231x81x60
Weight, kg, no more than	0,35

3. INSTALLATION AND OPERATION ORDER.

METAKOM TKP-14X consists of a handset and a stand connected by a twisted wire. The stand is mounted in a vertical position with the help of a mounting kit. Connection to the communication line of the calling panel and the power unit is made in accordance with the passport for this type of calling panel. The terminals for connection are located on the board, fixed inside the stand. To change the ringer volume on the handset, there is a three-position switch (upper position - loud sound, middle position - quiet sound, lower position - silent mode). To adjust the sensitivity of the microphone and the speaker volume on the board, build resistors (on the card are signed by MIC and DIN respectively).

In standby mode, the handset should be laid on the stand. When the handset is removed from the stand, a connection to the calling panel is established. After receiving the call signal, the handset must be removed from the stand and negotiate with the visitor. To open the entrance door, you need to press the lock opening button (next to the key symbol).

located on the handset support. With a single press, the lock will open for about 2 seconds, to open it for a longer time, you must hold the button (but not more than 40 seconds). **To ensure your safety, before opening the door make sure the identity of the visitor!**

In Fig. 1 the recommended scheme for connecting a single handset is presented.

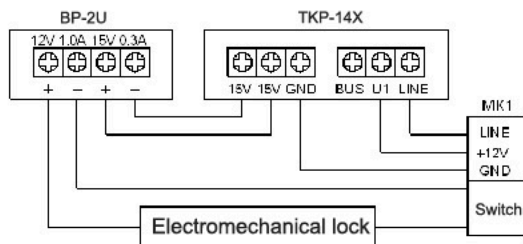


Fig. 1. The scheme of connection of one handset.
Assignment of pins located on the handset board:

15V	power supply handset
GND	Common wire of the call panel
BUS	Signal cable for connecting several handsets to one call panel
U1	Power of the calling panel (+ 12V)
LINE	Audio line

It is also possible to connect up to four handsets to one calling panel, the connection scheme in this case is shown in Fig.

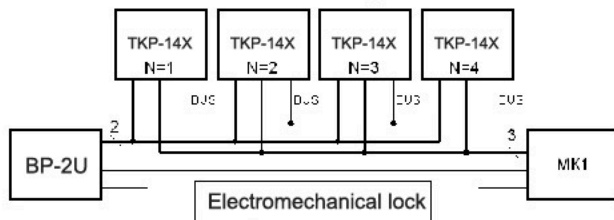


Fig. 2. The scheme of connecting four handsets to one calling panel.

For several handsets to work, you need to do the following: on any one (conditionally it becomes the first one), close the jumper J1, and on the others close the jumper J2. If only one handset is connected to the calling panel, jumpers J1 and J2 must be open. The location of the jumpers on the PCB is shown in Fig.

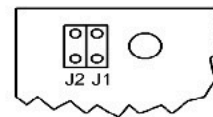


Fig. 3. Jumpers on the PCB.

Installation and connection instructions:

1. Unscrew the faceplate of the handset stand.
2. Carefully disconnect the two halves of the handset stand (taking into account the hooks at the top).
3. Attach the back of the stand to the future place of installation of the handset and mark the holes for fastening.
4. Connect the "+ -" signal wires from the outdoor panel according to the passport scheme by connecting them to the terminal block.
5. Assemble the stand in the reverse order.
6. Secure the stand with the handset in the intended location using the supplied hardware.