COLOR VIDEO MONITOR

METAKOM MKV-VM10



PASSPORT USER'S MANUAL

Valid for filling

To be completed by the repair company

Contents of the repair. Name and number according to the scheme of the replace part or unit. The place and nature of the defect:
· · · · · · · · · · · · · · · · · · ·
_
_
Signature of the person who carried out repairs
Date of repair(day, month, year)
Signature of the owner of the product, confirming the repair
Repair company stamp with the city:

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1. PURPOSE

Color video monitor METAKOM MKV-VM10 is designed to organize access control and two-way audio and video communication with the visitor.

One ME-TAKOM calling panel (MK1, MK2, MK4, MK6), working on a 4-wire connection system, one calling panel manufactured by METACOM operating with a coordinate system of addressing can be connected to the monitor.

ATTENTION! When connecting two call panels simultaneously, the MKV-VM10 video monitor will not work correctly if an external power supply is used for call panels with a 4-wire connection scheme (for example, MK1-XR-E-TM (RF (MF), MK1-XR (V)-N) The call blocks MK2 (4,6) work correctly.

The video monitor is designed to work with coordinate outdoor panels MK2012, MK20.2, MK10.2, MK2008.2. When using a monitor with these call units, you need to set the volume of the speaker of the outdoor panel to a position closer to the maximum value, while controlling the absence of excitation in the conversation channel.

Cut-off line Counterfoil coupon N1 for warranty repair of the METACOM video monitor MKV-VM10

Valid for filling

TEAR-OFF COUPON N1 ON WARRANTY REPAIR VIDEO MONITOR MKVVM10

To be completed by the manufacturer

Serial number of the pr	oduct
Release date	(day, month, year)
	QC of the manufacturer
	(QC stamp)
Address for return of the	e coupon to the
	Russia, 241024, Bryansk city, Delega street, 68, LTD "Metakoi
To be completed by	a trade or installation organization
•	- Of the Control of the Control of Control
Date of sale	(day, month, year)
Date of sale	(day, month, year)
Date of sale	(day, month, year) (signature or stamp)
Date of sale Seller Stamp of the trade orga	(day, month, year) (signature or stamp) anization:
Date of sale Seller Stamp of the trade orga	(day, month, year) (signature or stamp) anization:

10. MANUFACTURER'S WARRANTY.

The manufacturer guarantees the compliance of the METAKOM MKV-VM10 video monitor with the requirements of MTKM.460320.001 TU when the user applies the rules of use, storage and transportation. Guarantee period of operation of the outdoor panel is 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. Without presentation of a voucher for warranty repair and (or) violation of the integrity of seals, mechanical, electrical or other types of damage caused by improper transportation, storage or operation, no claims for quality are accepted and no warranty repair is performed.

Manufacturer's address:

Russia, 241024, Bryansk, Delegate, str. 68, LLC "Metacom-plus"

Tel/fax: (4832) 68-28-26 http://www.metakom.ru tel (4832) 68-37-95 E-mail: os@metakom.ru

EHC

The product is certified

2. FUNCTIONS.

- automatic video monitor on when a call comes in;
- the formation of a sound signal when a call comes in;
- duplex communication of the subscriber with the visitor;
- unlocking the lock;
- viewing video images from connected call panels in standby mode (monitoring function).

3. MAIN TECHNICAL CHARACTERISTICS.

Option	Value
Display	3.5" TFT LCD
Resolution	320x240
Standard video	PAL
Duration of the conversation, s	60
Current in standby mode, A, not more	e than 0.1
Current in operating mode, A, not mo	ore than 8
Supply voltage, V	1 2 V
Working temperature	0+40°C
Relative humidity	95% at 35°C
Installation	Mounting plate
Dimensions, mm	160x90x20.5
Weight, kg, no more than	0.5

8. COMPLETE SET OF THE VIDEO MONITOR.

 Video monitor METAKOM MKV-VM10 	1pcs.
2. Passport	1pcs.
3. Fixing kit	1pcs.
4. Individual packing	1pcs.
5. Power Supply	1pcs.

9. TRANSPORTATION AND STORAGE.

Packaged products can be transported by all modes of transport, except unpressurized aircraft compartments and open decks of ships and ships, in accordance with the rules for the carriage of goods operating on this mode of transport.

As a transport container used boxes wooden, group and other containers, ensuring the

safety of the goods during transportation.

Products should be stored only in a packed form in the absence of acidic, alkaline and other aggressive impurities in the ambient air.

7. DESCRIPTION OF WORK.

Answer an incoming call.

When you receive a call from the call panel on the video monitor, a ringing tone sounds.

To talk with the visitor, press the button. If there i @o answer to the call during the call time, the video monitor will go into standby mode.

Opening the door lock.

To open the door lock, press the button . •• After the opening of the lock after a while the video monitor will go into standby mode. To immediately put the monitor in standby mode, press the button.

View video from the panels.

In standby mode, press \Box to view the image with from the calling panel 1, pressing the button again swil \Box less the image viewing from panel 2.

The third press puts the video monitor into the standby mode.

4. CONTROLS AND INDICATIONS OF THE MONITOR.

The controls and displays of the video monitor are shown in Fig. 1.

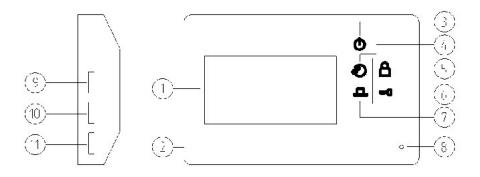


Fig. 1. Controls and indicators of the video monitor METAKOM MKV-VM10.

No	Nam e	Description
1	TFT display	Video signal display from the calling panel
2	Power connector	Video monitor power supply
3	Power indicator	Power indicator
4	Button "Conversation"	Answer an incoming call / go to standby
5	"Monitoring" button	View real-time video from the call panel
6	Open button	Opens the door lock
7	"Alarm" button	Enabling the alarm
8	Microphone	Voice transmission to the speaker of the calling pan
9	Contrast adjustment	Image contrast adjustment
10	Brightness control	Adjust the brightness of the image
11	Volume control	Adjusting the volume of sound

Decoding of indicators states

Power indicator
If the indicator is constantly lit, this indicates the presence of supply voltage.

Control buttons

Symbol	Transcript
Ð	Activating a conversation with a visitor
8	Viewing an image from the camera at the input in real-time
w@	Opening the door lock
Д	Activating the alarm

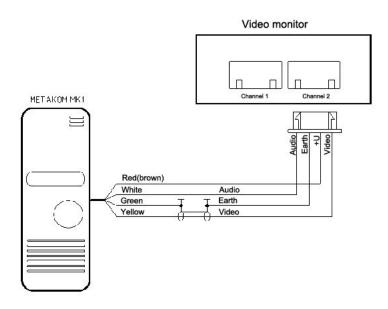


Fig. 6. Connection diagram for video monitor MKV-VM10 with separate audio and video lines.

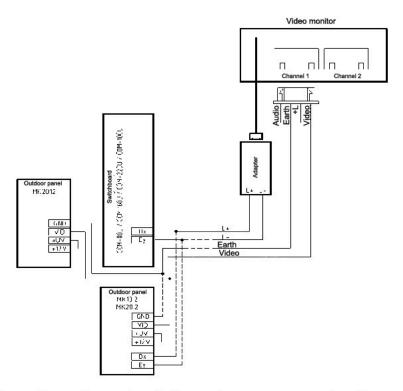


Fig. 5. Scheme of connection of video monitor MKV-VM10 to the calling panel with the coordinate system of addressing.

Requirements for communication lines.

To connect the video monitor to the outdoor panel, a 4-wire unshielded cable is used.

Cable length depending on section:

- Up to 10m (4x0.2mm2)
- Up to 15m (4x0.3mm2)
- Up to 25m (4x0.5mm2)

To improve the quality of the video image, the video signal line is recommended to be laid using a separate shielded cable of the type RC-75 or similar (Figure 6).

5. VIDEO MONITOR INSTALLATION.

- a) Please read these instructions and wiring diagrams carefully.
- b) Prepare a place for video monitors installation. It is recommended to install a video monitor at a height of 150-160 cm from the floor.
 - c) Post wiring.
- r) Connect a video monitor to the wiring harness. Particular care should be taken to connect the power circuits.
 - d) Check the connections are correct.
- e) Attach the video monitor to a pre-prepared location using the supplied mounting kit (Figure 2).

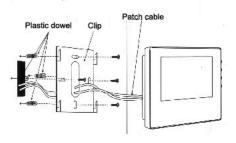


Fig. 2. Scheme of installation of a video monitor METAKOM MKV-VM10.

f) Turn on the power and check the operation of the video monitor by making a call on each connected channel.

6. WIRING DIAGRAM.

The connection scheme for the METAKOM MKV-VM10 is shown in Fig. 3.

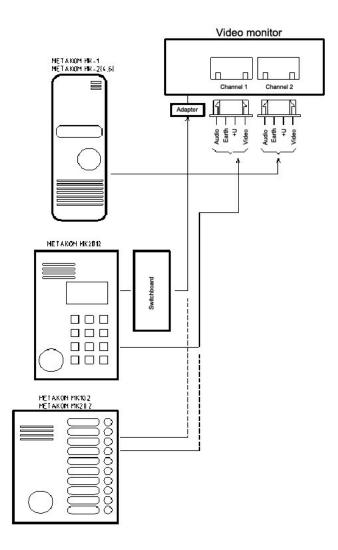


Fig. 3. Wiring diagram for METAMOM MKV-VM10.

The calling panel with a 4-wire connection system (for example META-KOM MK1 or similar in electrical parameters), it is connected to channel 2 (Figure 4).

The calling panel with the coordinate system of addressing is connected to the adapter (line) and channel 1 (video line, if necessary) (Fig. 5).

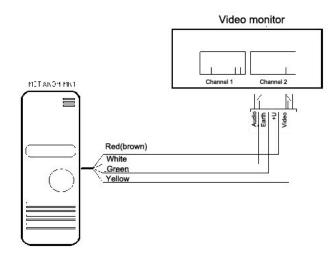


Fig. 4. Connection diagram for video monitor MKV-VM10 to the call panel with 4-wire connection system.