

SINGLE-CHANNEL VIDEOMONITOR

MKV-VM7



PASSPORT

Installation and operation manual

www.metakom-plus.ru

To be completed by the repair company

Contents of the repair. Name and number according to the scheme of the replaced 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:

Contents

1.	Purpose	2
2.	Performed functions	2
3.	Main technical characteristics	2
4.	Description of work	3
5.	Installation order	3
6.	Preparation for work	5
7.	Completeness of the device	6
8.	Transportation and storage	6
9.	Warranty	6

1. Purpose.

The single-channel video monitor MKV-VM7 is a subscriber unit intended for operation as part of video intercom systems with a coordinate system for addressing the production of the company "Metacom".

The video monitor provides maintenance of two video inputs, one of which is combined with an audio channel, the other is independent.

The device is powered by an external DC voltage source.

2. Performed functions.

- automatic activation of the video monitor when the subscriber is called;
- viewing video images from all connected video cameras in standby mode and in communication mode;
- turn off the video monitor when the handset is laid or the caller's connection is disconnected.

3. Main specifications

Specifications	MKV-VM7
Maximum resistance of the communication line, Ohm	30
Input parameters of external power source	160-240V (50-60Hz)
Output parameters of external power source	12B, 300mA
Consumed current in standby mode, mA (when $U_{pt} = 12V$)	15
Operating temperature range, deg. C	0...+40
Relative air humidity at $t = 25C, \%$ (max)	93
Overall dimensions, mm	255x195x45
Weight, kg, no more than	0.8

Features:

- Color 3.5" TFT display;
- Two video inputs;
- Adjustment of brightness and color of the image;
- Connection in parallel to the subscriber's audio tube.

TEAR-OFF COUPON N1 ON WARRANTY REPAIR VIDEO MONITOR MKV-VM7

To be completed by the manufacturer

Serial number of the product _____

Release date _____
(day, month, year)

Representative of the QC of the manufacturer

(QC stamp)

Address for return of the coupon to the
manufacturer:

Russia, 241024, Bryansk city, Delegate
street, 68, LTD "Metakom"

To be completed by a trade or installation organization

Date of sale _____
(day, month, year)

Seller _____
(signature or stamp)

Stamp of the trade organization:

Date of commissioning _____
(day, month, year)

Installer _____
(signature or stamp)

The stamp of the organization that conducted the installation:

Cut-off line Counterfoil coupon N1 for warranty repair of the METACOM video monitor MKV-VM7

7. Completeness of the device.

No	Name	Execution 1	Execution 2
1	Video monitor	1 pcs. s c p	
2	Power Supply	---	1 pcs.
3	Passport	1 l.	1
4	Fixing kit	1 pcs.	1
5	Mounting bracket	1	1
6	Packing box	1	1

8. Transportation and storage.

Packaged products can be transported by all modes of transport, except unpressurized aircraft compartments and open decks of 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.

9. Warranty.

The manufacturer guarantees that the video monitor MKV-VM7 complies with the requirements of TU6652-001-59879795-2003 when the user applies 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.

If there is a violation of the integrity of the seals and / or 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.

The address of the manufacturer:

Russia, 241024, Bryansk, Delegate str., 68,

LLC "Metacom-plus"

Tel /fax: (4832) 68-28-26

Tel (4832) 68-37-95

http:// www.metacom-plus.ru E-mail: os@metakom-plus.ru



The product is certified

4. Description of work.

The video monitor has 2 video inputs, the 1st input is "connected" with the audio channel (coordinate system of addressing), the 2nd input is independent. The video input is turned on when called from the corresponding audio channel.

When the power is turned on, the video monitor goes into standby mode, while the central button illumination is lit.

In the standby mode, the video signals from the connected video cameras are viewed by pressing the center button. Video inputs are switched in series: first video input, second video input, off. The video monitor goes back to the standby mode 30 seconds after video playback is turned on.

When a call signal is received on the coordinate channel, an image from the corresponding camera is activated. When the handset is placed or reset from a ringing device, the video monitor goes into standby mode after a few seconds.

5. Installation order.

The following procedure is recommended:

- Please read this instruction manual and wiring diagram carefully.
- Prepare a place for video monitor installation.
- Install the wiring.
- Connect the video monitor to the wiring harness. In this case, pay attention to the polarity of the connection.
- Check that the connections are correct.
- Attach the video monitor to a pre-prepared location using the supplied hardware kit.
- Turn on the power and check the work of the product by calling the monitor being installed on the connected channel.
- Make a note in the tear-off coupons about the date of putting the product into operation.

Description of video monitor outputs:

	L+	L-	+U	G	V1	V2
L+	Plus a coordinate line (tens)					
L-	minus the coordinate line (unit)					
+U	supply voltage					
G	common wire					
V1	coordinate channel input video					
V2	additional video input					

The diagram of the video monitor connection with the power supply of the video camera of the coordinate channel from the video intercom is shown in Fig. 1

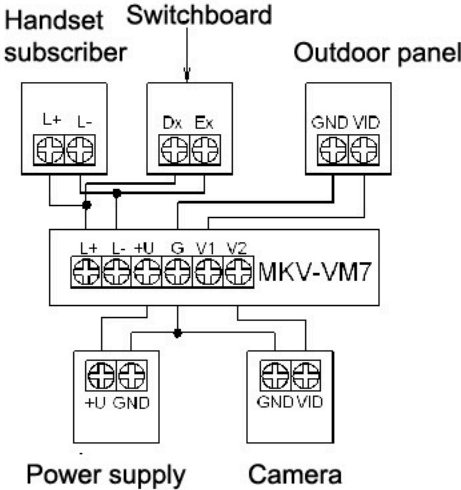


Fig. 1. Scheme for connecting a video monitor MKV-VM7 with the power supply of a video camera of the coordinate channel from a video intercom.

6. Preparation for work.

The video monitor is produced by the manufacturer in a customized form. However, after installing the product, it is recommended to adjust the factory settings in order to better adapt to specific operating conditions (taking into account the resistance of the communication line, the spread of the parameters of the calling device, etc.) and the wishes of the consumer.

The video monitor has the following settings available to the user:

- adjustment of the color of the image;
- brightness adjustment;

Figure 2 shows the location of the regulators.

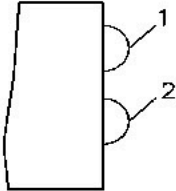


Fig. 2. The controls on the side of the video monitor (1 - the color of the image, 2 - the brightness of the image).