

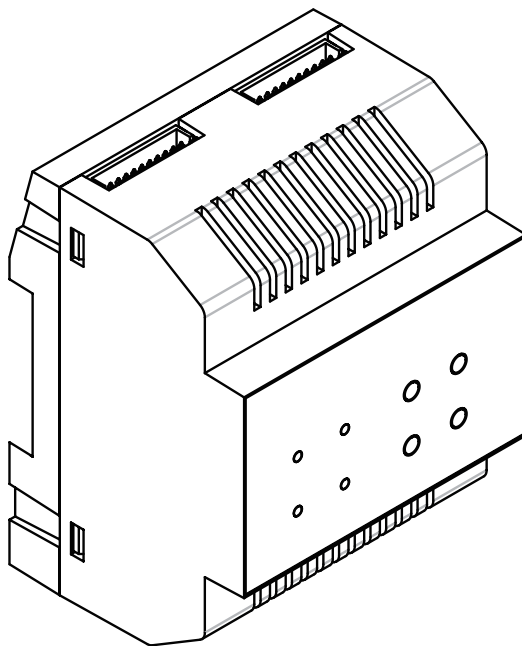


TELEPHONE MODULE

VXA-48A5 v.2

FOR 2-WIRE SYSTEM

VIDEO INTERCOM



User manual and technical specifications



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INTRODUCTORY REMARKS

Before connecting and using the device, please read this user manual carefully. If you have any problems understanding its content, please contact the seller of the device. Self-assembly and start-up of the device is possible provided that the installer has basic knowledge of electrical engineering and uses the appropriate tools. Nevertheless, it is recommended that the device be assembled by qualified personnel. The importer is not responsible for damage that may result from incorrect assembly or use of the device, or from performing repairs and modifications on your own.

1. GENERAL CHARACTERISTICS OF THE EURA-2EASY SYSTEM

2-wire system "EURA-2EASY" is a single or multi-tenant video intercom system, the main idea of which is the simplicity of installation, achieved by minimizing the number of cables and power supplies used. To connect individual modules working in the system, a 2-core cable and 1 power supply that can handle a maximum of 32 monitors and 4 external stations are sufficient. Thanks to the use of FM modulation to transmit the video signal and ASK modulation to transmit control data, the system is distinguished by high resistance to interference, i.e. very good image color quality at every point of the installation.

Here are the basic functions of the system:

- 2-wire cable connection system between modules at each installation point
- only 1 central power supply in the entire system
- easy and quick installation thanks to the use of simple connectors and switches "DIP switch"
- possibility of installing more monitors within 1 premises (with the same user code)
- ability to program and diagnose the system using PC software
- possibility of using one of the monitors as a porter's console
- the ability to program a list of tenant names in the monitor to facilitate the intercom function.

2. CHARACTERISTICS OF THE VXA-48A5 MODULE

VXA-48A5 is a special module fully compatible with the "EURA-2EASY" system, used to redirect tenant calls from external video intercom cassettes to the user's landline or mobile phone. Such redirection allows the user to remotely talk to the person at the door or gate and remotely release the electromagnetic bolt controlling the entrance to their property. The module can be mounted both on a DIN rail and directly on the wall.

- It is possible to set up to 3 telephone numbers in the video intercom monitor to which any calls from the tenant will be forwarded. If the selected number does not answer, the next telephone number will be dialed.
- The monitor must have such a redirection function available (TPC)
- The device can be used in single-tenant systems as well as in multi-tenant systems.

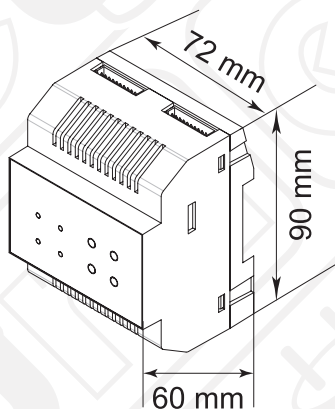


Fig. 1. Dimensions of the VXA-48A5 telephone module

3. DESCRIPTION OF INDIVIDUAL SOCKETS, SWITCHES AND OPTICAL INDICATORS OF THE MODULE

Fig. 2 shows the views of the VXA-48A5 module, and Fig. 3 shows the arrangement of the LED indicators and function buttons.

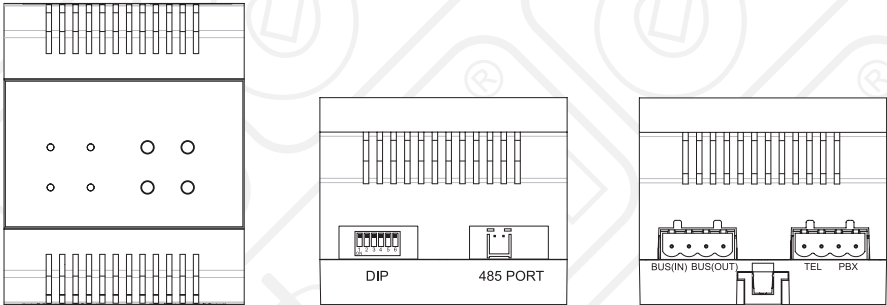


Fig.2. Arrangement of connection sockets, indicators and switches

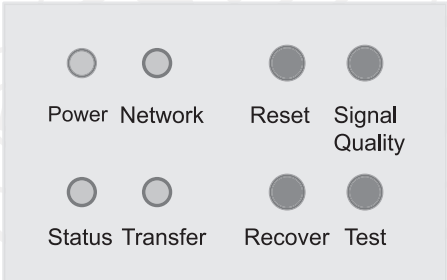


Fig. 3. Layout of indicators and function buttons of the VXA-48A5 module

	Mark.	Function
Nests	DIP	DIP switch, settings and details - chapter 5
	485 PORT	RS485 communication port used for software updates
	BUS (IN)	Input port for connecting the 2-wire bus of the EURA-2EASY system
	BUS (OUT)	Output port for connecting to a monitor
	TEL	Connecting to a telephone
	PBX	Connection to the telephone network
LED indicators	Power	<ul style="list-style-type: none">- It does not light up when the module is inactive.- Flashes in case of error- Lights up when the module is active
	Network	Lights up when the module is properly connected to the network
	Status	Flashes when instructions are received and followed correctly.
	Transfer	<ul style="list-style-type: none">- It is off if no call is being transferred.- Flashes at a low rate when a call is waiting to be transferred- Flashes three times in quick succession if transfer fails- It lights up continuously during a transferred call.- A single LED flash means that the factory settings have been restored.

Function buttons	Reset	Pressing and holding for 3 seconds restarts the device
	Signal quality	Reserved
	Recover	Press and hold for 3 seconds to restore factory settings
	Test	Reserved

Table 1

4. MODULE INSTALLATION

It is possible to mount the module both on a DIN rail and directly on the wall. The mounting method is shown in Fig. 4.

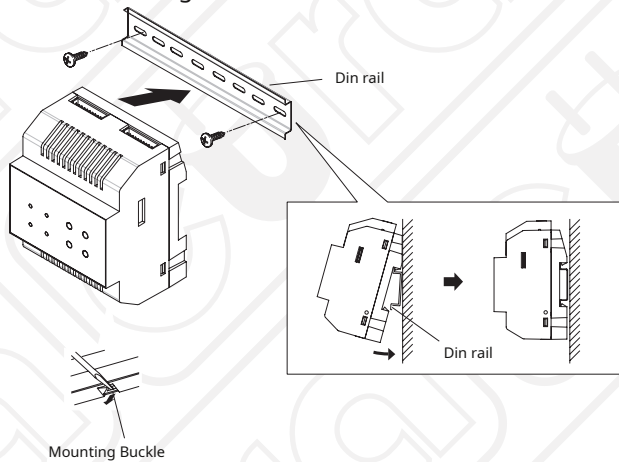


Fig. 4. Mounting the VXA-48A5 telephone module

5. SETTING THE DIP SWITCHES

Beat	Set.	Description
Bit 1 Connection setting to the telephone network		EURA-2EASY system not connected to the telephone network
		EURA-2EASY system connection to the network telephone via local switch
Bit 2 Connection setting to the telephone network		EURA-2EASY system not connected to the network telephone
		Direct connection of the EURA-2EASY system to the telephone network
Bit 3 Volume setting cassette speaker with- internal		Volume set to normal
		Volume twice as loud as normally






Bit 4 Volume setting cassette microphone external		Volume set to normal
		Volume twice as loud as normally
Bit 5		Reserved
Bit 6 Type setting system		For single occupancy system
		For multi-tenant system

Table 2

Comments:

1. Bit1 and Bit2 cannot be set to "ON" at the same time.
2. Bit3 and Bit4 cannot be set to "ON" at the same time.

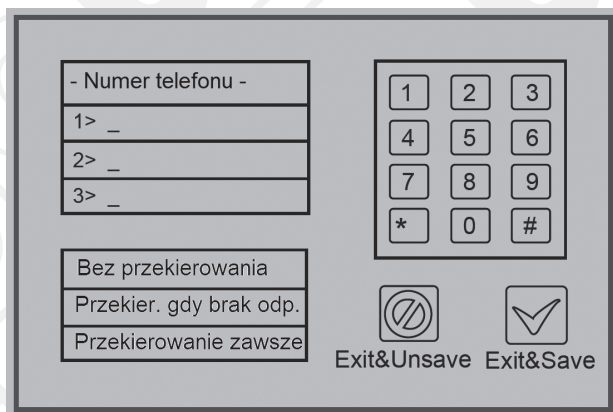
6. SETTING THE REFERRAL IN THE MONITOR

Up to 3 telephone numbers can be used to redirect calls and conversations with the external video intercom cassette. Additionally, it is possible to set 1 of 3 possible methods of such redirection:

0 – No forwarding, calls will never be forwarded to any telephone number, 1 – Forwarding to selected numbers will only be performed if the monitor does not answer a call from the external unit within 25 seconds; in this mode, the monitor will automatically switch off after the VXA-48A5 module successfully connects to the telephone network. 2 – Forwarding to selected numbers will always be performed (even if the monitor takes a call from the external unit), in this mode, the monitor will not switch off after the VXA-48A5 module connects to the telephone network, and starting a conversation between the monitor and the external unit will absolutely “mute” the VXA-48A5 module.

6. 1. SETTING UP THE TOUCHSCREEN MONITOR

To enter the telephone number(s), use the touch screen of the monitor to first enter the "Telephone number" function, then enter the appropriate numbers using the numeric keypad. Then select the method of forwarding.



The screenshot shows a touchscreen interface with the following elements:

- Input fields:** Three horizontal input fields labeled "1> _", "2> _", and "3> _" for entering phone numbers.
- Forwarding method options:** Three buttons: "Bez przekierowania" (No forwarding), "Przekier. gdy brak odp." (Forwarding when no answer), and "Przekierowanie zawsze" (Forwarding always).
- Numeric keypad:** A 3x3 grid of buttons for digits 1-9, with additional buttons for *, 0, and #.
- Exit buttons:** Two buttons at the bottom right: "Exit&Unsave" (with a 'no' symbol) and "Exit&Save" (with a checkmark symbol).

Fig. 5. Setting the phone number/phones and the forwarding method in the touch screen monitor

6. 2. SETTING IN A MONITOR WITH A BUTTON PANEL

To enter a telephone number(s), use the ▲/▼ key to select the appropriate field (from 1 to 4) and then use the “MENU” button to edit. Use the ▲/▼ key to search for the appropriate digit, and use the ► key to edit the next digit. Use the ◀ key to delete incorrectly entered values. To end editing, press the “MENU” button again.

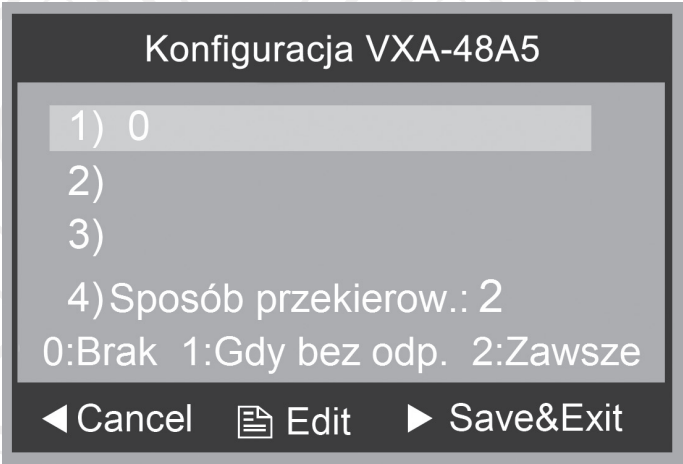


Fig. 6. Setting the telephone number/phones and the forwarding method in the monitor with a button panel

7. OPERATING THE SYSTEM FROM A TELEPHONE

OPERATION	DESCRIPTION
Bolt release	<ul style="list-style-type: none">• Entering 1# from the numeric keypad of a landline or mobile phone will release lock no. 1• Entering 2# from the numeric keypad of a landline or mobile phone will release lock no. 2
End conversations	<ul style="list-style-type: none">• Typing 9# from the numeric keypad of a landline or mobile phone will result in absolute disconnection
Calling next issue telephone	<ul style="list-style-type: none">• 1: At least 2 different telephone numbers for forwarding must be set in the system monitor, first an attempt will be made to connect to the first number, if there is no answer, an attempt will be made to connect to the next telephone number• 2: If the other party presses the # key on their phone during communication, the forwarding time will be limited to 80 seconds
Calling the phone with number internal	<ul style="list-style-type: none">• Between the main number and the extension number, enter the letter “P” on the monitor, then the call will be forwarded directly to the extension number.

Table 3

8. CONNECTION DIAGRAMS

Fig. 7-10 shows the basic connection diagrams of the VXA-48A5 module to the EURA-2EASY video intercom system.

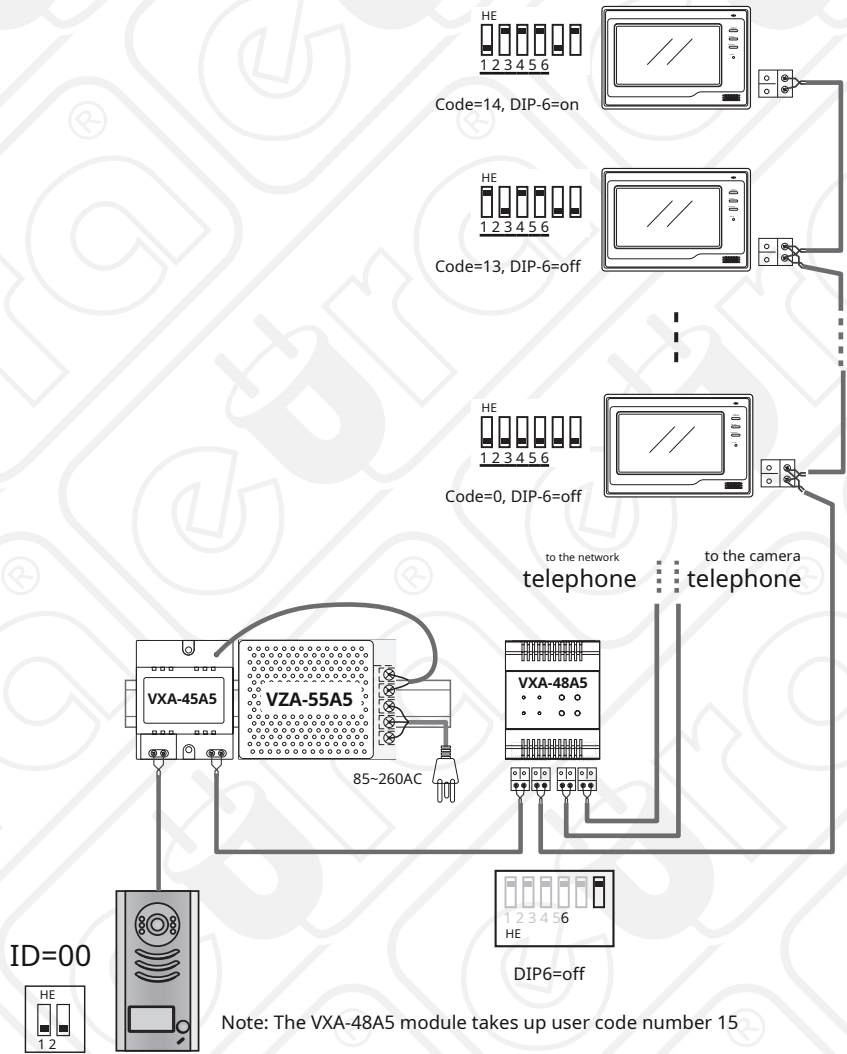


Fig. 7. Parallel connection using VXA-47A5 distributors in a 1- or 2-tenant system

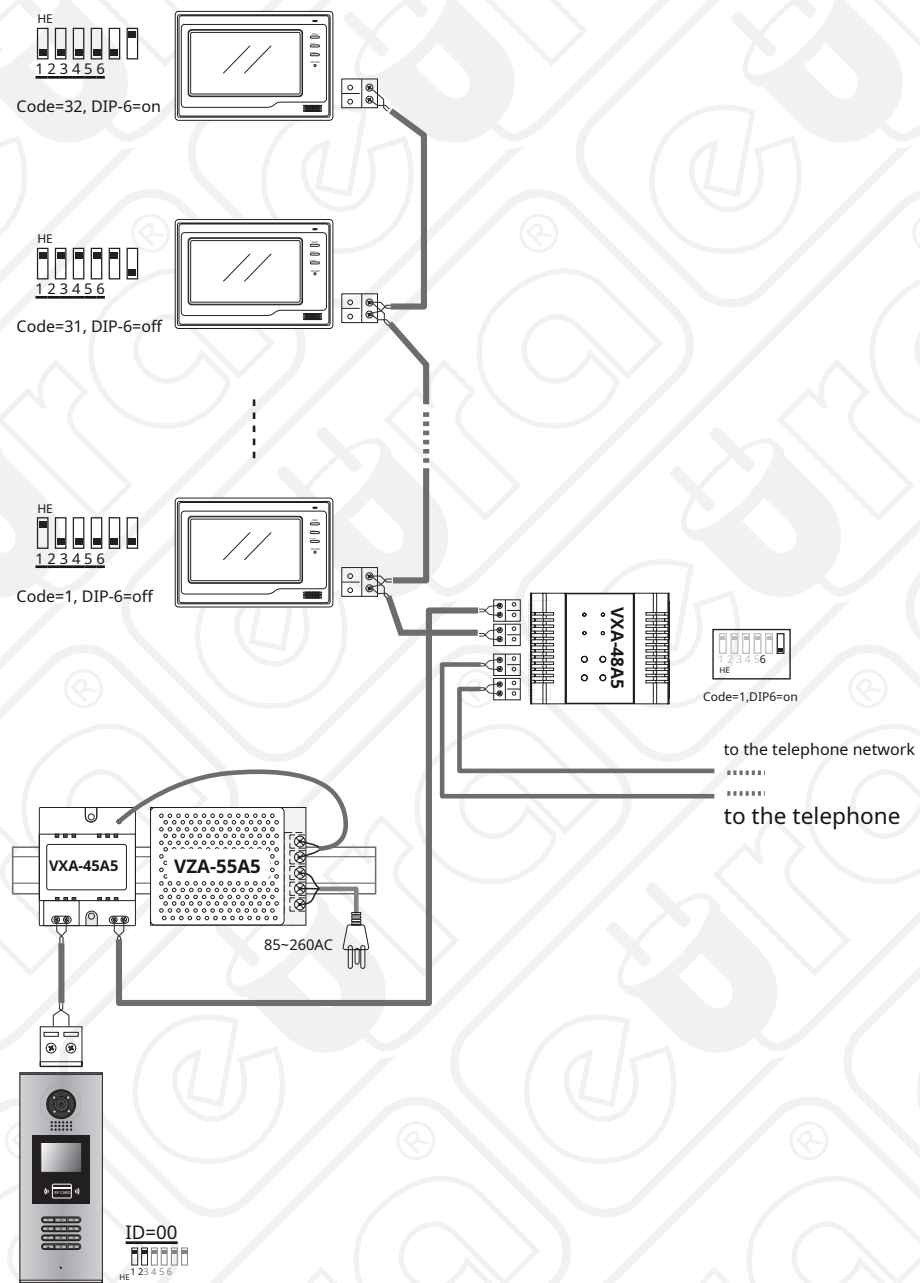


Fig. 9. Serial (basic) IN-OUT connection in a multi-tenant system

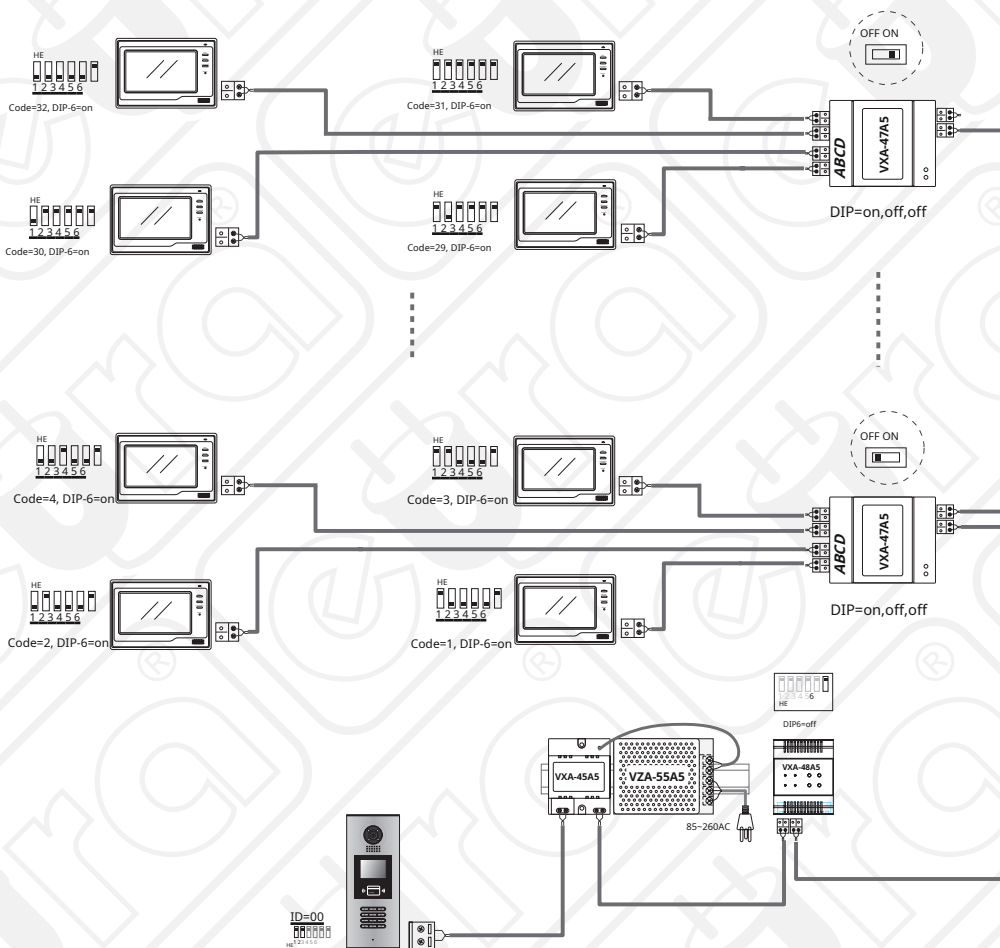


Fig. 10. Parallel connection using VXA-47A5 distributors in a multi-tenant system

9. TECHNICAL SPECIFICATION

Power supply	20~28V DC (from VZA-55A5 power supply)
Power consumption (standby / operation)	0.78W / 2.08W
Operating temperature range	- 10°C...+40°C
Number of wires required for connection	2 (non-polarized)
Dimensions	90x72x60 (mm)

WARRANTY CARD

product name: **TELEPHONE MODULE
TO VIDEO INTERCOM
2-WIRE**

model: **VXA-48A5**

sales invoice

point of sale stamp and seller's signature

WARRANTY CONDITIONS

1. The importer grants the buyer a guarantee for the proper operation of the equipment specified in the Warranty Card during the period **24 months** from the date of sale. **The warranty is valid together with the proof of purchase!**
2. Only the Warranty Card drawn up on the original form and correctly completed is valid; Failure to provide any of the required information, making any corrections or deletions in the content of the Card is tantamount to its invalidation.
3. Equipment complaints will be processed within statutory deadlines.
4. The Buyer may request the replacement of the device with a new one free from defects and damages or a refund of the purchase price if during the warranty period:
 - 3 repairs were made and the goods still show defects,
 - it is impossible to remove the defect.
5. The choice of how to settle the complaint rests with the Importer.
6. The warranty covers only defects resulting from reasons beyond the user's control. The goods are not subject to complaint if they have been damaged as a result of:
 - improper use of the equipment or use that is inconsistent with the instructions and intended use,
 - improper storage,
 - making any modifications,
 - making independent repairs outside the Importer's Central Service,
 - as a result of random events (fire, network overvoltage, electrical discharge, flooding, etc.),
 - mechanical damage.
7. The warranty does not cover complaints regarding mechanical damage to accessories such as headphones, connecting cables, sockets, and other components whose malfunction is the result of wear and tear during normal use.
8. The importer is not liable for damage resulting from transporting equipment without proper transport packaging.
9. The warranty is provided in Poland.
10. The warranty does not exclude, limit or suspend the buyer's rights resulting from the non-conformity of the goods with the contract.
11. Detailed obligations of the importer and rights of the buyer arising from the warranty are specified in the Civil Code.
12. Please send any complaints and concerns regarding equipment repairs directly to:

CENTRAL SERVICE

EURATECH Sp. z o. o.

84-200 Wejherowo ul. Przemysłowa 35A

Mon-Fri 9:00-16:00

e-mail: Serwis@eura-tech.eu

tel.: +48 58 678 81 20

Used electrical or electronic equipment must not be stored (discarded) with other household waste. To avoid harmful effects on the environment and human health, used equipment should be stored in designated places.

For information on where and how to safely store used products, please contact your local authority or waste recycling company - Journal of Laws No. 180, item 1495
from 29/07/2005.

GIOS registration number: E0011703W



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