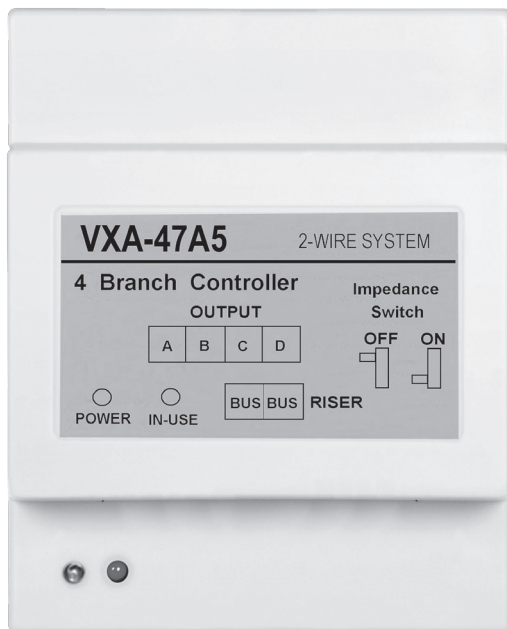




VIDEO DISTRIBUTOR MODULE WITH 4 BRANCHES FOR VIDEO DOORPHONE

VXA-47A5



User Manual

INITIAL REMARKS

Before assembling, wiring and setting up of device the user should carefully read given manual. In case of any troubles with understanding the content the user should contact the producer. Unassisted assembling and start of the device can be done only with the use of proper tools. However, it is highly advised to set up a device by qualified personnel. The producer is not responsible for damages made during incorrect set-up or maintenance or in case of any unassisted repairs or modifications.

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1. EURA 2 EASY SYSTEM DESCRIPTION

2-wire Eura 2 Easy system is a complete Video doorphone system designed to handle one or more apartments, where the minimum wiring with one centralized power supply drastically simplify and reduces installation time. With only 2 wires throughout the whole installation between each system components and one power supply, the system allows to connect up to 128 indoor monitor units and 4 outdoor video doorphone stations. By means of FM video modulation and ASK data transmission technology, system provides better protection against interference and, therefore, guarantees best quality at all points of the installation.

System main features:

- with only 2 wires (no polarity) throughout the whole installation, the 2-wire system is a simplified installation system with minimum wiring and powerful features,
- centralized power supply for the entire system - with advanced power management, the whole system uses only one power supply,
- use Plug-in connectors and DIP switchers for rapid installation,
- multi Monitors for one apartment/house in same User Code, and automatically switching the video, what is more, all types of two wires monitors and door stations are compatible with each other,
- except for traditional dual talking, it offers a selective intercom (point to point) as a unique advantage for room-room talking,
- connection of external units up to 150 meters from the monitors.

The system can be upgraded to use 2 independent electromagnetic-locks. It is possible to connect additional outdoor video doorphone and an additional chime bell, as well as to connect additional module to control lighting or other devices triggered by a relay.

In addition, there is the possibility of controlling the system remotely by mobile phone. This requires a special VXA-48A5 telephone module or VXA-62A5 GSM module, which is connected to the 2-wire Eura 2 Easy system.

The purpose for those modules is to redirect calls from the outdoor video doorphone to the specified user telephone numbers. Detailed descriptions of the modules are subject for separate manuals.

2. DEVICE CHARACTERISTICS

In some configurations of the Eura 2 Easy video doorphone system, it may be difficult to connect all components of the system with a simple serial chain. For example, it may happen that the lengths of wired connections on some sections of the system will be too long. This is where the VXA-47A5 Distributor module comes in, with the option of mounting on a DIN rail, equipped with 4 outputs. These can be connected, for example, to 4 monitors or 4 outdoor video doorphones. An example of this could be a staircase in a building where there are 3 or 4 apartments on each floor. Then, install one VXA-47A5 module on each floor and connect the users' monitors to it. Before each installation of the system, a decision about the system configuration should be made, taking into account in particular the permissible cable lengths across the entire 2-wire Eura 2 Easy system.

3. DEVICE CONSTRUCTION

Fig. 1 presents elements of VXA-47A5.

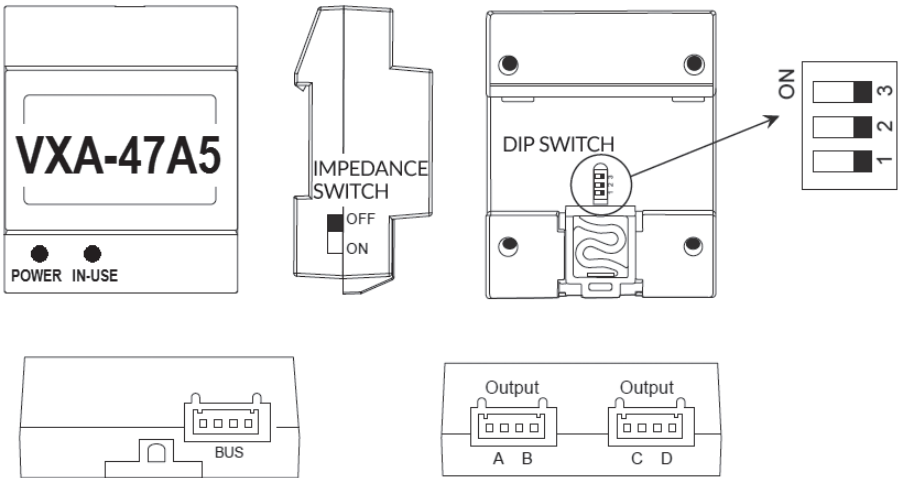


Fig. 1. Construction of VXA-47A5

Parts and functions description:

IN-USE	Status indicator, it will light up when receives signal
POWER	Working indicator, it will light up when plugs in power supply
IMPEDANCE SWITCH	Video match switch,the last VXA-47A5 at the end of the bus should set ON to match the video impedance,the power indicator will turn to orange light after setting
A,B,C,D	Output port, connect to indoor monitors or door stations
BUS	Input port, bus connection port
DIP-Switch	Used to control current loads when connecting external devices to Eura 2 Easy (see chapter 5).

4. INSTALLATION

Fig. 2 shows installation of VXA-47A5 on DIN Rail.

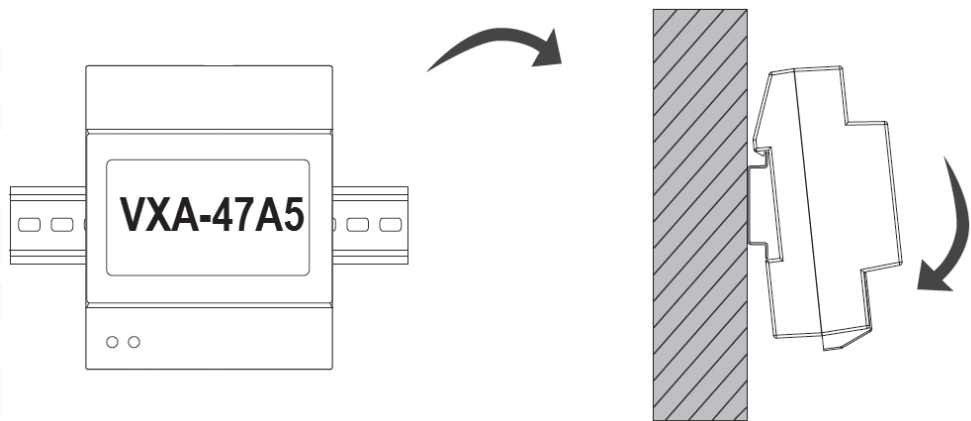


Fig. 2. Module installation

5. DIP SWITCH SETTING

The 3-segment DIP-Switch, located at the back side of the module, is used to limit the initial current flowing through terminals A, B, C, D. The table below shows the way of setting it - only 3 possible combinations are used.

DIP	SETTING	DESCRIPTION
	ON, OFF, OFF	When connecting indoor monitors and one- or two-family outdoor video doorphone units
	OFF, ON, ON	When connecting multi-family outdoor video doorphone station (like VDA-15A5)
	OFF, OFF, ON	When connecting other Eura 2 Easy monitors

6. WIRING SYSTEM

6.1. MULTI OUTDOOR VIDEO DOORPHONE WIRING DIAGRAM

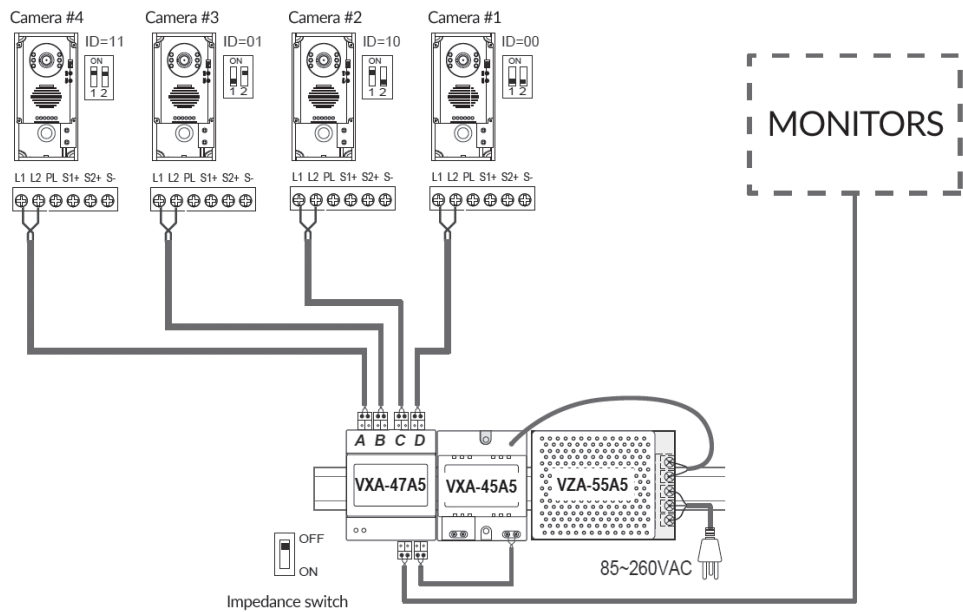


Fig. 3

6.2. MULTI INDOOR MONITORS WIRING DIAGRAM

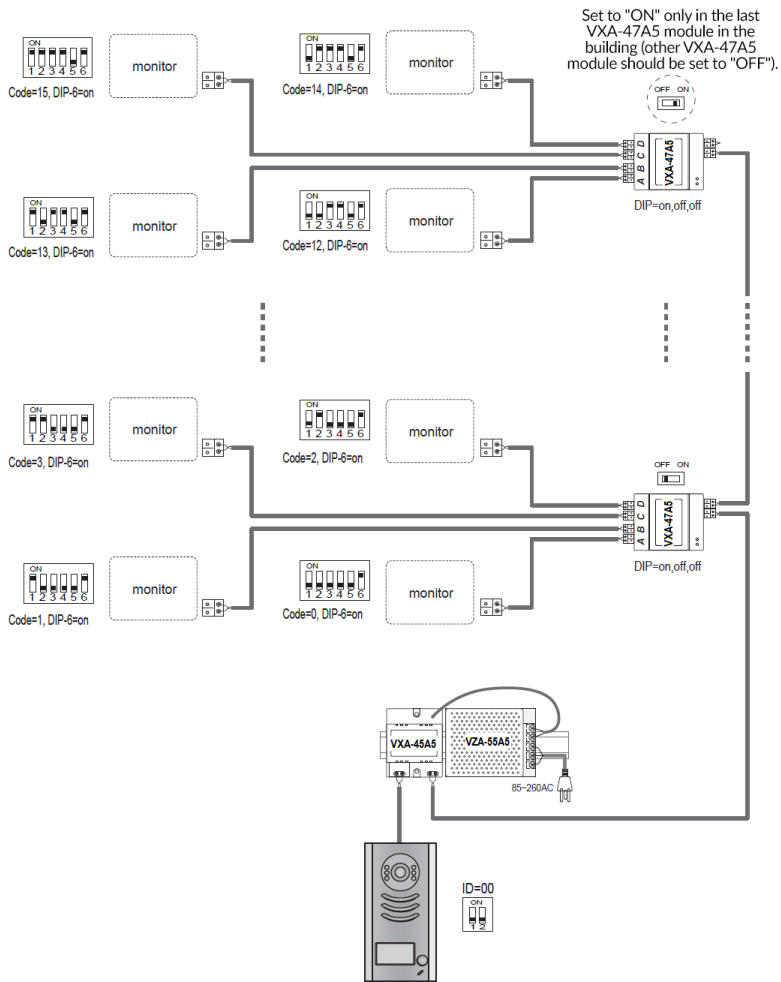


Fig. 4

7. TECHNICAL DATA

Power Supply	24V DC
Working Temperature	-10°C ...40°C
Waterproof rating	IP20
Dimensions (H x W x D)	89 (H) x 70(W) x 45(D) mm
Weight	0,3 kg

EU Conformity Declaration of this device is available on
<http://www.eura-tech.eu> website



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