

Doorstation **BVD-342** with four-digit LED indicator and backlighted keypad is intended for joint operation with Control Unit **BUD-302(M)** in multi-apartment doorphones **VIZIT**, and provides duplex intercom, keypad codes, TM-keys (**iButton**) and RF-keys controller's functions.

The following versions of **BVD-342** are available:

Name model	Reader	
	RFID	TM
BVD-342RT	✓	✓
BVD-342R	✓	
BVD-342T		✓

Abbreviations used in the models names:

R - RF-keys reader, **T** - TM-keys reader

Content of doorphone system, its features, order of programming and operation are fully described in **BUD-302(M)** operating instruction.

SPECIFICATIONS

Capacity:	up to 100 subscribers
Operating voltage, VDC	15
Power consumption, W max	5
Dimensions, mm	87x171x24
Weight, kg	0.6
Operating conditions	
- ambient temperature range	from -40 up to +50°C ;
- relative humidity of air	up to 98% at 25 °C .

PARTS LIST

Doorstation BVD-342	1 pc.
Mounting kit	1 pc.
Operating instruction	1 pc.
Package	1 pc.

The rest of equipment needed for multi-apartment doorphones **VIZIT** is available upon request.

SAFETY INSTRUCTIONS

The doorstation does not contain voltage above **18 VDC**.

Connect the grounding wire of the doorstation to the protective ground

To avoid damage do not make any connections or repair when the power is on.

INSTALLATION

ATTENTION!

To maximize the reliability of this product, do not expose it to rain, snow and direct sun rays!

Fix the doorstation on a door or on a wall using the screws supplied. Drive the gags (from the mounting kit) into mounting holes.

Perform all connections according to the examples of wiring diagrams on Figures **2**, **3** and **4**.

Recommended wires cross-sections are given in BUD-302 operating instruction.

The first wire in the cable is marked with different colour.

Abbreviations used on Figures 2 - 4:

GND	- GROUND;
SP+, SP-	- Speaker;
+E	- Doorstation power;
MIC	- Mic Amp Output;
RX, TX	- BVD-342 - BUD-302 Digital Data;
+DL, -DL	- Door Lock;
OP	- OPEN;
LN	- Intercom line;
Ek	- Power of commutators;
SEL	- SELECT.

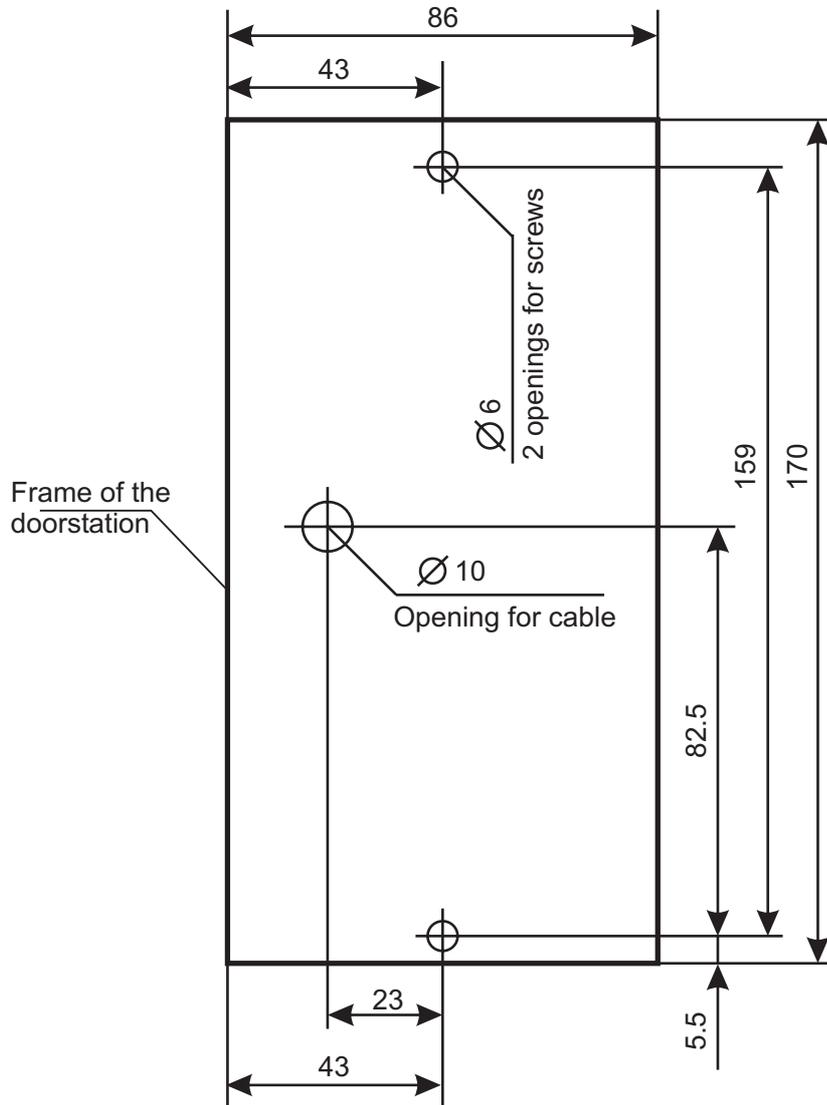


Figure 1. Mounting drawing
Dimensions are given in millimeters

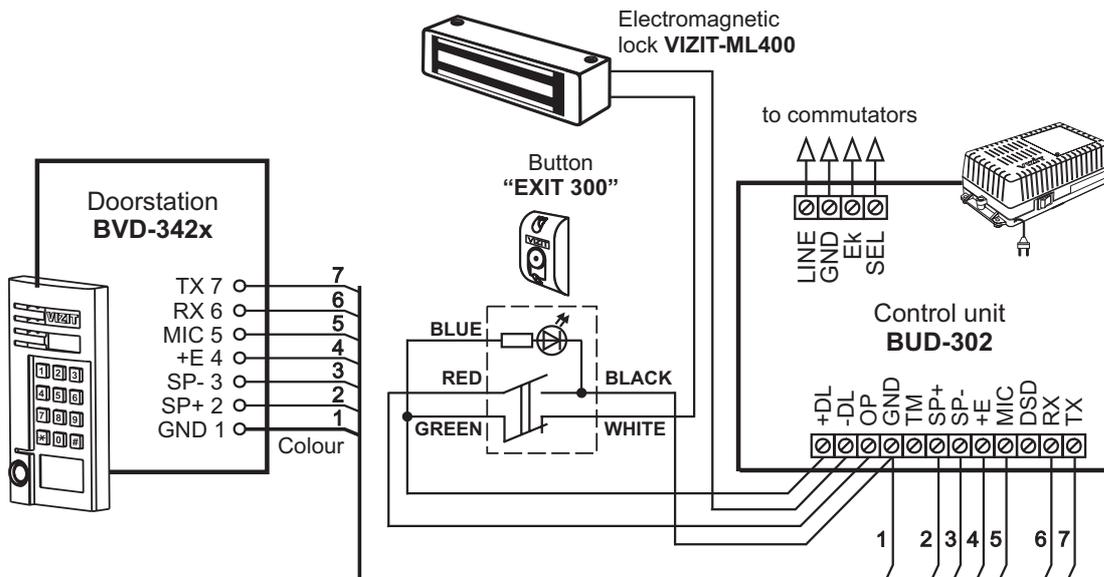


Figure 2 - Wiring diagram: doorstation **BVD-342** with control unit **BUD-302**, electromagnetic lock **VIZIT-ML400** and **EXIT 300** button.

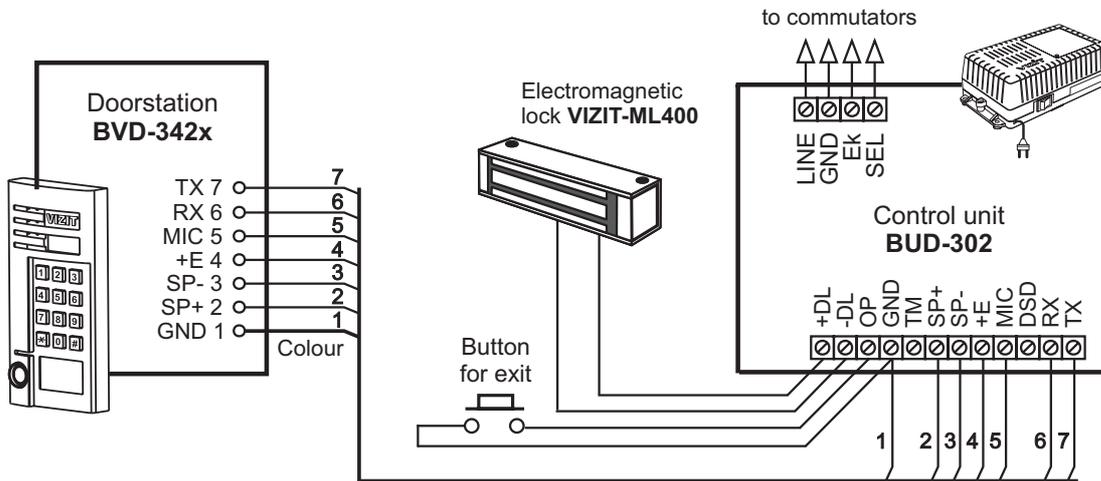


Figure 3 - Wiring diagram: doorstation **BVD-342** with control unit **BUD-302**, electromagnetic lock **VIZIT-ML400** and button with N.O. contacts for exit.

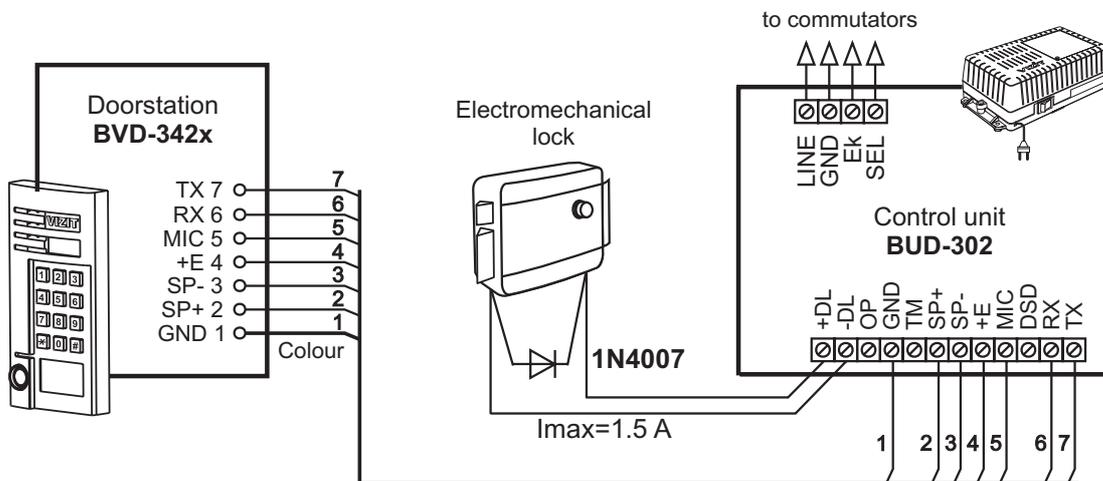


Figure 4 - Wiring diagram: doorstation **BVD-342** with control unit **BUD-302** and electromechanical lock.