

General:

The 5 wires panel is an intercom system, serves as a door panel. The main advantage of the system is that the panel doesn't require a special design handset for the system and can work with any standard 5 wires handset.

With this unit you can speak with the visitor who is waiting at the door and open the electric lock from the intercom handset .

An optional bypass pushbutton enables easy internal opening (the opening time is programmable)



Features:

Easy installation, programming and operating.	optional bypass exit pushbutton
Surface and flush mount installation available	Environmental and anti vandal resistance.

Specifications:

Operating voltage: AC 12V 800mA	
Operating electric or magnetic lock. (normally open)	Opening time: 1-9 seconds
Color: silver or bronze	Size: under plaster 195X115X50mm (H*W*D) On the wall 154X100X35mm (H*W*D)

Installing The DR-500 Panel:

Install the lock in the door frame.

Using a Phillips screwdriver open the top cover, carefully pull up the panel.

Using a screw driver, expose the 4 covered insulations bores and the round wirings bore.

Attach the base of the Intercom Encoder to the wall, using a pencil mark the 4 fixing points.

Drill the 4 fixing points on the wall.

Route the wires through the round bore in the base of the Intercom Encoder.

Using 4 screws install the base to the wall.

Handset wiring

Several common handsets could be assembled.

Electric buzzer handset can not be assembled, Only electromagnetic

Wiring of different handsets is detailed in the electrical drawing in page 4 and the following table:

Wire	URMET	Videx handset SMART 1P	Audio Interphone	Amplivox handset
COM	6	3 / 7	6	0
lock	9	5	9	Z
buzzer	Second buzzer connection	6	BZ	1
speaker	1	1	1	T
microphone	2	2	2	R

Reassemble the panel over the base.
 Attach the top cover to the base using the 4 screws.

Microphone and speaker volume adjustments

The DR-500 potentiometers comes from the manufacture with default optimal state. Sometimes because of the location (opened or closed space), acoustical problems occur. If the DR-500 speaker sound level is too high or low, gently rotate the internal **SP** potentiometer. (Clockwise to lower volume)
 If the sound level in the handset is too high or low, gently rotate the internal **MIC** potentiometer. (Clockwise to lower volume)

DR-500 Electrical Drawing

