

► TERMINALS IN ANALOG 4+N WIRE HANDSETS – SIGNAGE
USED BY VARIOUS MANUFACTURERS

	URMET	LASKOMEX	WEKTA	VIDEX 3111	FARFISA	ACO INSPIRO UA	AMPLYVOX	FERMAX	IKA
Electronic call	CA	1	1	4	9	DZW	E	4	1
Speech in (speaker)	1	2	3	2	2	SLU	T	6	2
Speech out (microphone)	2	3	4	1	1	MIC	R	2	3
Common	6	4	2	3	3(0)	GND	O	3	4
Lock	9	5	5	5	5	OTW	Z	1	5
Volt free N/O button in	GT	6	7		C			GT	
Lock common	10	7	6					5	
Volt free N/O button out	T1	8	8		NA			T	

MAILBOX WITH AN AUDIO DOOR PHONE 4+N WIRE SYSTEM ADAPTER

Manufacturer:

Bomap Spółka z ograniczoną odpowiedzialnością, Ltd.
ul. Budowlanych 6, 45-005 Opole, Poland
tel. +48 774513140, 774513144
bomap@bomap.pl

www.bomap.pl

► WIRING INSTRUCTIONS

If the mailbox features a laser-cut and LED-backlit inscription, a 12V DC (constant voltage) power supply is required to power the LED strip.

As a standard, the mailbox is integrated with a pushbutton and an analog audio door phone adapter, which together replace the traditional audio caller unit. The adapter is compatible with all standard analog 4+N and 5+N wire door phone systems.

To create a complete audio door entry system, the following components need to be used in addition to the mailbox:

- an analog amplifier & power supply for 4+N wire systems (eg. Miwi-Urmet 18A2, Elfon EWD-10/20)
- an analog audio handset compatible with 4+N wire systems
- (optional) an electric strike with mounting accessories

An analog 4+N wire system as described above requires at minimum an 8-wire cable (see the wiring diagram example).

IMPORTANT: if the mailbox was made to order and integrated with a different audio or video door entry system, instruction manuals and wiring diagrams for that system should be used.

Similarly, if a standard mailbox is to be used with a system other than an analog 4+N wire, manuals and diagrams for that particular system should be used. The standard 4+N audio adapter (PCB) will need to be dismantled. Depending on the new system specifications, the microphone and speaker mounted in the mailbox will either be used in connection with the new system, or will have to be dismantled as well.

► CONNECTION TERMINALS

Connection terminals of the standard audio door phone 4+N wire adapter mounted in the mailbox:

Mc-k – mailbox microphone
 GND (⊥) – speaker and microphone common
 GL-k – mailbox speaker

► WIRING DIAGRAM EXAMPLE: 4+N WIRE SYSTEM WITH A MIWI-URMET TYPE 18A2 AMPLIFIER/POWER SUPPLY

