

RK LINE

MODE D THIS MODE IS WORKS WHEN PHONES BUTTONS ARE AVAILABLE AND PUSHED.	ANSWER 	REFUSE 	SRC Button 	Vol Buttons 	SEEK Buttons 
Answer	Answer (Short)				
Refuse		Refuse (Short)			
Vocal Call	Answer (Short)				
Re-Dial Last Number	Answer (long)				
Higher volume Call / Radio				V+	
Lower volume Call / Radio				V-	
Enter Discretee MODE	Answer (Short)				
Exit Discretee MODE	Answer (Short)				
Close the Call		Refuse (Short)			
Source Radio			SRC (Short)		
MENU selection			SRC (long)		
Scroll MENU up				V+	
Scroll MENU down				V-	
Confirm MENU choice	Answer (Short)				
Next Track /Station					S+ (Short)
Previous Track / Station					S- (Short)
MP3 Play - Pause			Double SRC		
Back MENU			SRC (Short)		
Mute Mic			Double SRC		

V = VOLUME
S = SEEK
SHORT = SHORT PRESS OF THE BUTTON
LONG = LONG PRESS OF THE BUTTON
SRC= SOURCE BUTTON
ANSWER= ANSWER PHONE BUTTON
REFUSE = REFUSE PHONE BUTTON

INSTALLATION MANUAL AND USE

UNIKA GM LAN

Steering Wheel Commands Adapter For GM LAN protocol with **PARROT MKi / RKi** Line

rev 5.0

UNIKA GM LAN is a **UNIVERSAL** adapter module to connect OEM steering wheel commands; its compatibility extends to a range of vehicles with **GM LAN** protocol and with PARROT MKi RKi.

Its function is completely handled by a microprocessor capable of learning the protocol of the OEM steering wheel commands.
The GM LAN programming it's in self-selections.

DIP SWITCHES

UNIKA GM LAN has 4 dip switches to set before start the installation.

NOT USED	DIP 1 ON
CAR PROTOCOL GM LAN	DIP 1 OFF
NOT USED	DIP 2 ON
NOT USED	DIP 2 OFF
EXTERNAL IGNITION	DIP 3 ON
IGNITION FROM GM LAN	DIP 3 OFF
UPGRADE MODE ON	DIP 4 ON
UPGRADE MODE OFF	DIP 4 OFF



MOST USED SETTING

GM LAN PROTOCOL

ALL OFF

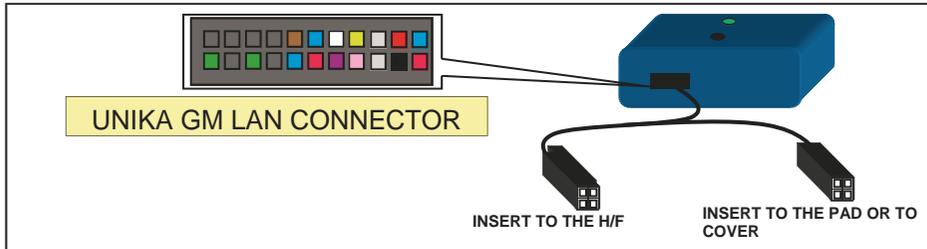


**SET THE DIP SWITCHES WITH THE UNIT
NOT POWERED**

WARRANTY CONDITIONS

THIS PRODUCT HAS A TWO-YEAR GUARANTEE FOR ANY KIND OF MANUFACTURING DEFECT.
THE FISCAL DOCUMENT SERVES AS THE GUARANTEE VALIDITY.

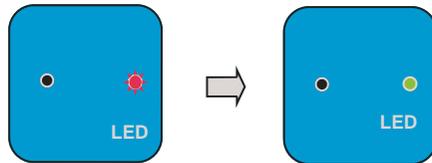
GM LAN DIAGRAM



UNIKA GM LAN SELF-LEARNING AND FUNCTIONS

The selection of the protocol comes through **SELF-RECOGNITION**; after the connections are terminated by inserting the module to the connector, the unit will carry out in about one second, the synchronization indicated with **quick RED flashes** of the module's LED.

As soon as the synchronization is carried out, the vehicle's protocol is selected; this operation is confirmed by the lighting up of the **GREEN FIXED LIGHT** of the module's LED.



TROUBLESHOOTING

The unit doesn't work and the LED is switched off.

Verify the power supply connections.

The correctly powered unit doesn't work and the LED is switched off.

Verify the GM LAN connections.

The unit is correctly connected and the RED LED flashes quickly.

The unit can't be synchronized with the GM LAN ; contact the technical support.

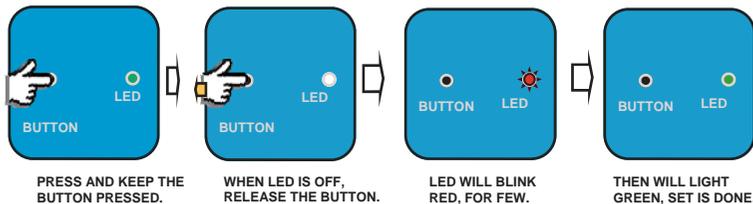
The unit is correctly connected and the RED LED flashes in an irregular way.

Verify the GM LAN connections.

The unit is correctly connected and the RED LED is on.

The unit has carried out the synchronization with the GM LAN but can't recognize the

IF YOU WANT TO RE-INSTALL UNIKA GM LAN IN A NEW CAR, AFTER THE NEW INSTALLATION PLEASE RESET THE UNIT AS BELOW DESCRIBED.



RK LINE

MODE C THIS MODE IS WORKS WHEN TEL BUTTON IS AVAILABLE AND PUSHED.	Tel Button 	SRC Button 	Vol Buttons 	SEEK Buttons
Answer	TEL (Short)			
Refuse	TEL (long)			
Vocal Call	TEL (Short)			
Re-Dial Last Number	TEL (long)			
Higher volume Call / Radio			V+	
Lower volume Call / Radio			V-	
Enter Discrete MODE	TEL (Short)			
Exit Discrete MODE	TEL (Short)			
Close the Call	TEL (long)			
Source Radio		SRC (Short)		
MENU selection		SRC (long)		
Scroll MENU up			V+	
Scroll MENU down			V-	
Confirm MENU choice		SRC (long)		
Next Track /Station				S+ (Short)
Previous Track / Station				S- (Short)
MP3 Play - Pause		Double SRC		
Back MENU		SRC (Short)		
Mute Mic		Double SRC		

V = VOLUME
S = SEEK
SHORT = SHORT PRESS OF THE BUTTON
LONG = LONG PRESS OF THE BUTTON
SRC= SOURCE BUTTON
TEL= SINGLE PHONE BUTTON

RK LINE

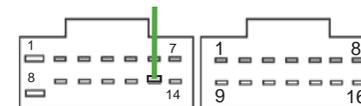
MODE B THIS MODE IS WORKS WHEN SRC BUTTON IS AVAILABLE AND PUSHED.	SRC Button 	Volume Buttons  	SEEK Buttons  
Answer	Double SRC (Short)		
Refuse	SRC (long)		
Vocal Call	Double SRC (Short)		
Re-Dial Last Number	SRC (long)		
Higher volume Call / Radio		V+	
Lower volume Call / Radio		V-	
Enter Discrete MODE	Double SRC (Short)		
Exit Discrete MODE	Double SRC (Short)		
Close the Call	SRC (long)		
Source Radio	SRC (Short)		
Scroll MENU up			
Scroll MENU down			
Confirm MENU choice			
Next Track /Station			S+ (Short)
Previous Track / Station			S- (Short)
MP3 Play - Pause			
Back MENU			
Mute Mic			

V = VOLUME
 S = SEEK
 SHORT = SHORT PRESS OF THE BUTTON
 LONG = LONG PRESS OF THE BUTTON
 SRC= SOURCE BUTTON

CABLE	FUNCTION
GREEN	CAN GM LAN

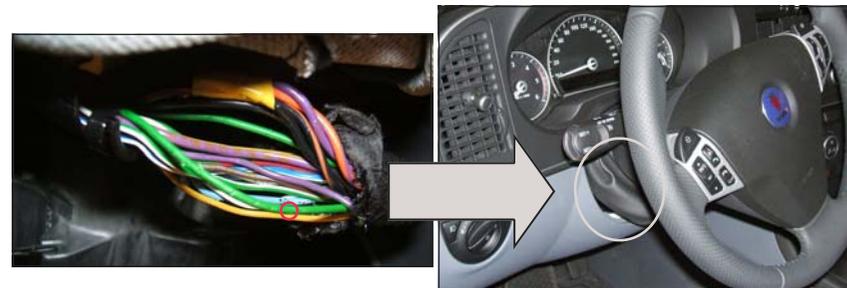
ATTENTION
 ALL THE OTHER WIRES NOT MENTIONED ARE NOT USED FOR THIS APPLICATION

MODE A SAAB 93 / CADILLAC BLS
 MODE B SAAB 95
 MODE C TAHOE
 GM LAN CONNECTIONS
 (SEEN FROM CABLE OUTPUT OF CONNECTORS)



GM LAN WIRE CAN BE CONNECTED BEHIND THE RADIO.
 CONNECT THE **CAN H** WIRE AS DESCRIBED ABOVE.
 IN THIS CASE THE H/F IS CONTROLLED BY THE AUDIO BUTTONS MODE A (93) MODE B (95) VOCAL BUTTON MODE C (TAHOE) .

MODE D SAAB 93 / CADILLAC BLS
 GM LAN CONNECTIONS

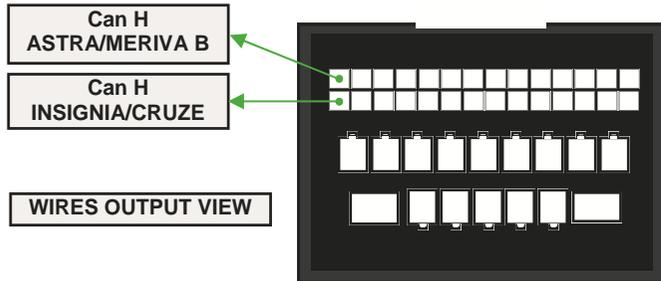


FOR SAAB 93 **CAN H** WIRE CAN BE CONNECTED TO ONE OF THE TWO GM LAN **GREEN** WIRES FOUND IN THE WIRES BUNDLE UNDER THE SKIN CAP OF THE STEERING WHEEL . IN THIS WAY YOU CAN CONTROL THE SYSTEM BY THE PHONE BUTTONS

CABLE	FUNCTION
GREEN	CAN GM LAN

ATTENTION
ALL THE OTHER WIRES NOT MENTIONED ARE NOT USED FOR THIS APPLICATION

MODE D
OPEL ASTRA 2010 - INSIGNIA 2009 - MERIVA B
CHEVROLET CRUZE
(SEEN FROM CABLE OUTPUT OF CONNECTORS)



GM LAN WIRE CAN BE CONNECTED BEHIND THE RADIO.
CONNECT THE **CAN H** WIRE AS DESCRIBED ABOVE.

RK LINE

MODE A THIS MODE WORKS WHEN SRC AND PHONES BUTTONS AREN'T AVAILABLE	Volume Buttons ⊕ ⊖	SEEK Buttons ⏪ ⏩
Answer	V+	
Refuse	V-	
Vocal Call		
Re-Dial Last Number		
Higher volume Call / Radio	V+	
Lower volume Call / Radio	V-	
Enter Discretee MODE		
Exit Discretee MODE		
Close the Call		
MENU selection		
Scroll MENU up		
Scroll MENU down		
Confirm MENU choice		
Next Track /Station		S+ (Short)
Previous Track / Station		S- (Short)
MP3 Play - Pause		
Back MENU		
Mute Mic		

V = VOLUME
S = SEEK
SHORT = SHORT PRESS OF THE BUTTON
LONG = LONG PRESS OF THE BUTTON

MKi LINE

MODE D THIS MODE IS WORKS WHEN PHONES BUTTONS ARE AVAILABLE AND PUSHED.	ANSWER 	REFUSE 	SRC Button 	Vol Buttons 	SEEK Buttons 
Answer	Answer (Short)				
Refuse		Refuse (Short)			
Vocal Call	Answer (Short)				
Re-Dial Last Number	Answer (long)				
Higher volume Call / MP3				V+	
Lower volume Call / MP3				V-	
Enter Discretee MODE	Answer (Short)				
Exit Discretee MODE	Answer (Short)				
Close the Call		Refuse (Short)			
MENU selection					SEQUENCE S+S-S+S-
Scroll MENU up					S+ (Short)
Scroll MENU down					S- (Short)
Confirm MENU choice	Answer (Short)				
Next MP3 Track					S+ (Short)
Previous MP3 Track					S- (Short)
MP3 Play - Pause					SEQUENCE S- S+
Back MENU		Refuse (Short)			
Mute Mic					SEQUENCE S- S+

DELETE KIT MEMORY SEQUENCE V- V+ 5 TIMES (ONLY MKi 9000)

V = VOLUME
S = SEEK
SHORT = SHORT PRESS OF THE BUTTON
LONG = LONG PRESS OF THE BUTTON
SRC= SOURCE BUTTON
ANSWER= ANSWER PHONE BUTTON
REFUSE = REFUSE PHONE BUTTON

MKi LINE

MODE A THIS MODE WORKS WHEN SRC AND PHONES BUTTONS AREN'T AVAILABLE	Volume Buttons 	SEEK Buttons 
Answer	V+ (short)	
Refuse	V- (short)	
Vocal Call	V+ (short) FOLLOWED BY V- (short)	IN MUSIC V+ (short)
Re-Dial Last Number	V+ (short) FOLLOWED BY V- (long)	IN MUSIC V+ (long)
Higher volume Call / MP3	V+(short) FOLLOWED BY V- (short)	
Lower volume Call / MP3	V- (short) FOLLOWED BY V+ (short)	
Enter Discretee MODE	V+ (short)	
Exit Discretee MODE	V+ (short)	
Close the Call	V- (short)	
MENU selection		SEQUENCE S+S-S+S-
Scroll MENU up		S+ (short)
Scroll MENU down		S- (short)
Confirm MENU choice	V+ (short)	
Next MP3 Track		S+ (short)
Previous MP3 Track		S- (short)
MP3 Play - Pause		SEQUENCE S- S+
Back MENU	V- (short)	
Mute Mic		SEQUENCE S- S+

DELETE KIT MEMORY SEQUENCE V- V+ 5 TIMES (ONLY MKi 9000)

V = VOLUME
S = SEEK
SHORT = SHORT PRESS OF THE BUTTON
LONG = LONG PRESS OF THE BUTTON
SRC= SOURCE BUTTON

MKi LINE

MODE B THIS MODE IS WORKS WHEN SRC BUTTON IS AVAILABLE AND PUSHED.	SRC Button 	Volume Buttons 	SEEK Buttons 
Answer	SRC (Short)		
Refuse	SRC (long)		
Vocal Call	Double SRC (Short)		
Re-Dial Last Number	SRC (long)		
Higher volume Call / MP3		V+	
Lower volume Call / MP3		V-	
Enter Discrete MODE	SRC (Short)		
Exit Discrete MODE	SRC (Short)		
Close the Call	SRC (long)		
MENU selection			SEQUENCE S+S-S+S-
Scroll MENU up			S+ (Short)
Scroll MENU down			S- (Short)
Confirm MENU choice	SRC (Short)		
Next MP3 Track			S+ (Short)
Previous MP3 Track			S- (Short)
MP3 Play - Pause			SEQUENCE S- S+
Back MENU	SRC (long)		
Mute Mic			SEQUENCE S- S+

DELETE KIT MEMORY SEQUENCE V- V+ 5 TIMES (ONLY MKi9000)
V = VOLUME
S = SEEK
SHORT = SHORT PRESS OF THE BUTTON
LONG = LONG PRESS OF THE BUTTON
SRC= SOURCE BUTTON

MKi LINE

MODE C THIS MODE IS WORKS WHEN TEL BUTTON IS AVAILABLE AND PUSHED.	Tel Button 	SRC Button 	Vol Buttons 	SEEK Buttons 
Answer	TEL (Short)			
Refuse	TEL (long)			
Vocal Call	TEL (Short)			
Re-Dial Last Number	TEL (long)			
Higher volume Call / MP3			V+	
Lower volume Call / MP3			V-	
Enter Discrete MODE	TEL (Short)			
Exit Discrete MODE	TEL (Short)			
Close the Call	TEL (long)			
MENU selection				SEQUENCE S+S-S+S-
Scroll MENU up				S+ (Short)
Scroll MENU down				S- (Short)
Confirm MENU choice	TEL (Short)			
Next MP3 Track				S+ (Short)
Previous MP3 Track				S- (Short)
MP3 Play - Pause				SEQUENCE S- S+
Back MENU	TEL (long)			
Mute Mic				SEQUENCE S- S+

DELETE KIT MEMORY SEQUENCE V- V+ 5 TIMES (ONLY MKi9000)
V = VOLUME
S = SEEK
SHORT = SHORT PRESS OF THE BUTTON
LONG = LONG PRESS OF THE BUTTON
SRC= SOURCE BUTTON
TEL= SINGLE PHONE BUTTON