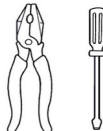
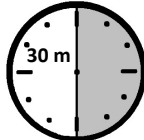
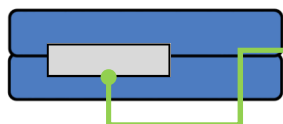
	<p align="center">UNIKA GM LAN CF00381CPR23- 31-52 PA INSTALLATION MANUAL</p>	 
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DESCRIPTION

UNIKA GM LAN is a universal adapter for OEM steering wheel controls; its compatibility extends to vehicles with GM LAN protocol and with the Parrot hands-free kits of the MKi and Asteroid line. Its function is completely managed by a microprocessor able to learn the OEM steering wheel command protocol. The GM LAN protocol programming is in self-selection.








CABLE DESCRIPTION

22	21	20	19	18	17	16	15	14	13	12
11	10	9	8	7	6	5	4	3	2	1

POS.	COLOR	FUNCTION
1	RED	12V
2	BLACK	GND
3		
4	PINK	NOT USED FOR GM LAN VEHICLES
5	GREEN / BLACK	NOT USED FOR GM LAN VEHICLES
6	GREY	NOT USED FOR GM LAN VEHICLES
7	YELLOW / WHITE	NOT USED FOR GM LAN VEHICLES
8	ORANGE	NOT USED FOR GM LAN VEHICLES
9	BLUE	NOT USED FOR GM LAN VEHICLES
10	PINK WHITE	NOT USED FOR GM LAN VEHICLES
11	BROWN	NOT USED FOR GM LAN VEHICLES
12	RED	NOT USED FOR GM LAN VEHICLES
13	GREY / BLACK	NOT USED FOR GM LAN VEHICLES
14	YELLOW / BROWN	NOT USED FOR GM LAN VEHICLES
15	RED / BLUE	NOT USED FOR GM LAN VEHICLES
16	PINK / BLACK	NOT USED FOR GM LAN VEHICLES
17	GREY / BLACK	GND
18	VIOLET	NOT USED FOR GM LAN VEHICLES
19	GREEN	GM LAN
20	WHITE	NOT USED FOR GM LAN VEHICLES
21	BLUE / YELLOW	IGNITION INPUT FROM CAR CABLE
22	RED / YELLOW	IGNITION OUTPUT

DIP SWITCHES

UNIKA GM LAN has 4 dip switches to set before to power the module.

DIP 1 ON		NOT MANAGED
DIP 1 OFF		GM LAN PROTOCOL
DIP 2		NOT MANAGED
DIP 3 ON		IGNITION INPUT FROM CAR CABLE
DIP 3 OFF		IGNITION FROM GM LAN
DIP 4 ON		TO MANAGE THE UPGRADE OF THE MODULE
DIP 4 OFF		TO SET OFF WHEN UPGRADE IS DONE



SET DIP SWITCHES WITH UNIKA GM LAN MODULE
NOT POWERED



ATTENTION DIP 4 MUST TO BE SET OFF
ONCE THE UPGRADE IS FINISHED

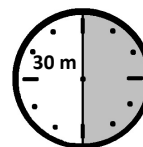


ATTENTION IN CASE OF INSTALLATION OF THIS MODULE WITH ASTEROID TABLET
PLEASE CUT THE GREEN - BLACK WIRE AS DESCRIBT IN THE NEXT PAGES

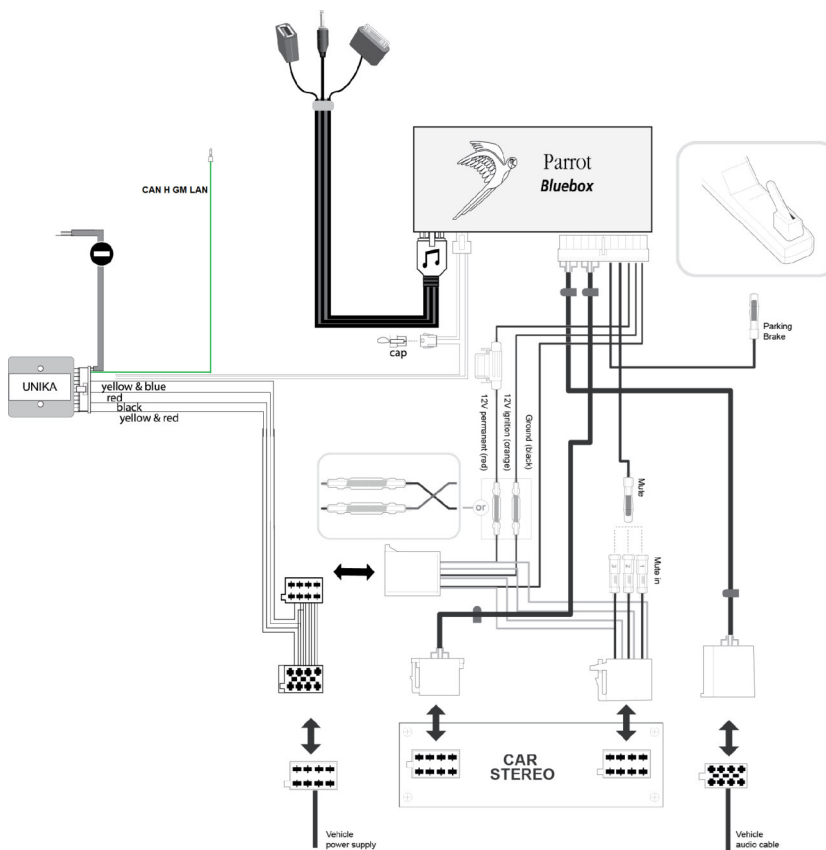
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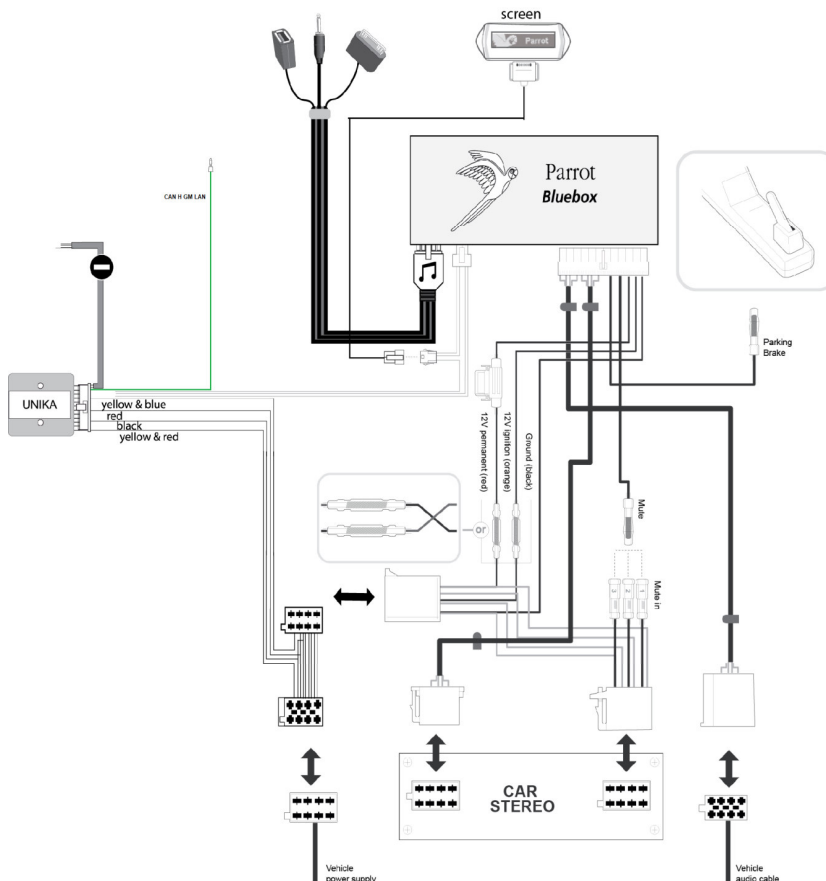
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INSTALLATION DIAGRAM MK1 9000

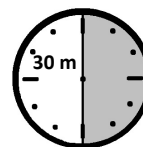


INSTALLATION DIAGRAM MK1 9100

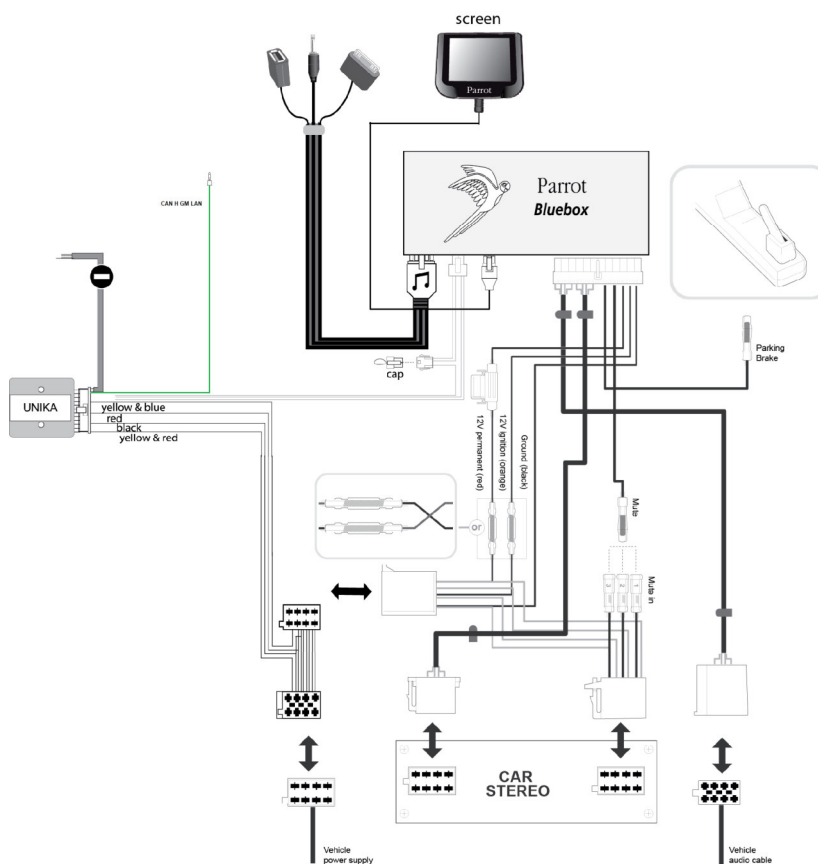




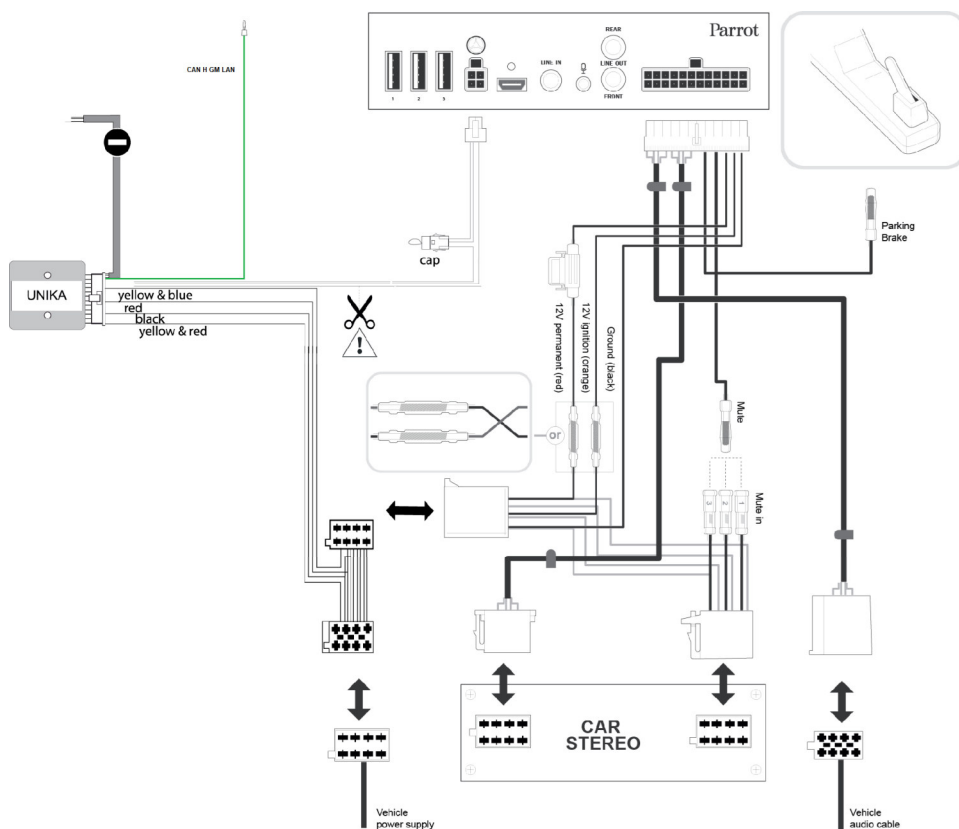
UNIKA GM LAN CF00381CPR23- 31-52 PA INSTALLATION MANUAL



INSTALLATION DIAGRAM MK1 9200



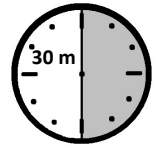
INSTALLATION DIAGRAM ASTEROID TABLET



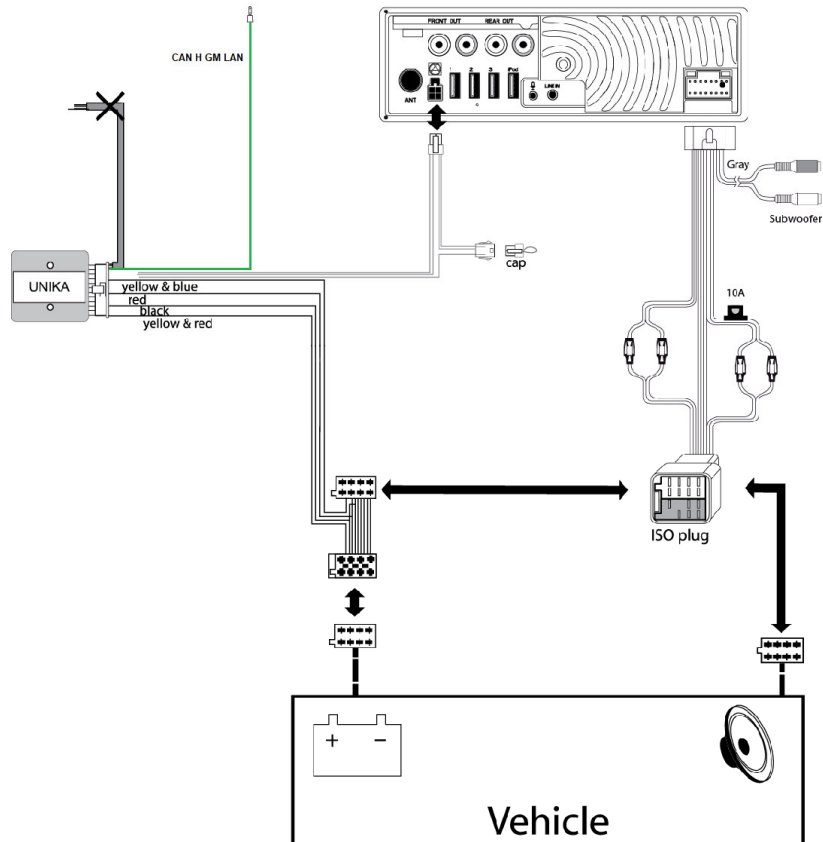
ATTENTION WITH ASTEROID TABLET PLEASE CUT THE GREEN - BLACK OF THE 4 PINS CONNECTOR



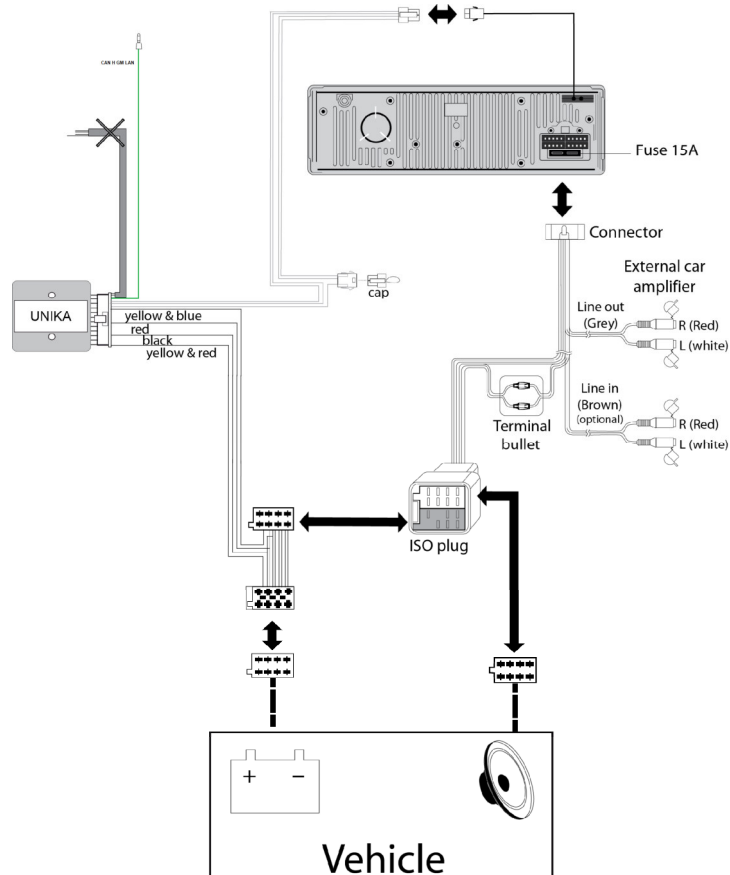
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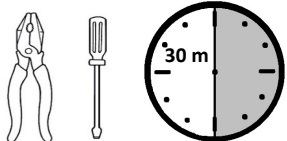


INSTALLATION DIAGRAM ASTEROID RADIO




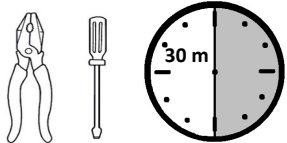
INSTALLATION DIAGRAM RKi RADIO



	<p align="center">UNIKA GM LAN CF00381CPR23- 31-52 PA INSTALLATION MANUAL</p>	
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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+ (breve) SEQUITO DA V- (breve) IN MP3 V+ (breve)	
Re-Dial Last Number	V+ (breve) SEQUITO DA V- (lungo) IN MP3 V+ (lungo)	
Higher volume Call / MP3	V+(short) FOLLOWED BY V- (short)	
Lower volume Call / MP3	V- (short) FOLLOWED BY V+ (short)	
Enter Discrete MODE	V+ (short)	
Exit Discrete MODE	V+ (short)	
Close the Call	V- (short)	
MENU selection		SEQUENCE 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+

MODE C THIS MODE IS WORKS WHEN TEL BUTTON IS AVAILABLE AND PUSHED.	Tel 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-
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+

	<p align="center">UNIKA GM LAN CF00381CPR23- 31-52 PA INSTALLATION MANUAL</p>	
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MKI LINEMODE D THIS MODE IS WORKS WHEN PHONES BUTTONS ARE AVAILABLE AND PUSHED.	ANSWER	REFUSE	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 Discreete MODE	Answer (Short)			
Exit Discreete 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

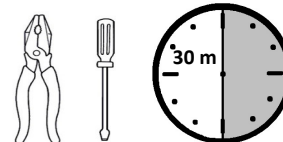
SRC= SOURCE BUTTON

ANSWER= ANSWER PHONE BUTTON

REFUSE = REFUSE PHONE BUTTON



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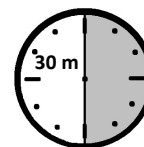
ASTEROID LINE MODE A THIS MODE WORKS WHEN SRC AND PHONES BUTTONS AREN'T AVAILABLE	Volume Buttons	SEEK Buttons
Answer		S+ (Short)
Refuse		S- (Short)
Higher volume Call / MP3	V+	
Lower volume Call / MP3	V-	
Enter Discretee MODE Exit Discretee MODE		S+ (Short)
Close the Call		S- (Short)
Next MP3 Track		S+ (Short)
Previous MP3 Track		S- (Short)
MP3 Play - Pause		SEQUENCE S- S+

ASTEROID LINE MODE C THIS MODE WORKS WHEN TEL BUTTON IS AVAILABLE AND PUSHED.	Tel Button	SRC Button	Vol Buttons	SEEK Buttons
Answer	TEL (Short)			
Refuse				S- (Short)
Vocal call	TEL (Short)			
Higher volume Call / MP3			V+	
Lower volume Call / MP3			V-	
Enter Discretee MODE Exit Discretee MODE	TEL (Short)			
Close the Call				S- (Short)
Next MP3 Track				S+ (Short)
Previous MP3 Track				S- (Short)
Play - Source selection		SRC (Short)		

ASTEROID LINE MODE D THIS MODE WORKS WHEN PHONES BUTTONS ARE AVAILABLE AND PUSHED.	ANSWER	REFUSE	SRC	Vol Buttons	SEEK Buttons
Answer	Answer (Short)				
Refuse		Refuse (Short)			
Vocal Call	Answer (Short)				
Higher volume Call / MP3				V+	
Lower volume Call / MP3				V-	
Enter Discretee MODE Exit Discretee MODE	Answer (Short)				
Close the Call		Refuse (Short)			
Next MP3 Track					S+ (Short)
Previous MP3 Track					S- (Short)
Play - Source selection			SRC		



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TECHNICAL CHARACTERISTICS

POWER SUPPLY	10/16 VDC
ABSORPTION AT REST	0,001 A
ABSORPTION WHEN WORKING	0,040 A
MAX CHARGE IGNITION OUTPUT	2,000 A

WARRANTY

THIS PRODUCT IS COVERED BY TWO-YEAR GUARANTEE FOR ANY MANUFACTURING TROUBLES. THE WARRANTY IS VALID IF ACCOMPAINED BY THE INVOICE OF PURCHASE