









Automatic

scan mode For this type of mode it is necessary to:

1) set DIP8 at OFF

2) select the requested frequency group by setting the eight dip switches for each module as explained in the following tables:

	Group 1	Group 2	Group 3	Group 4
Position DIP 2, 3 e 4	OFF, OFF, OFF	ON, OFF, OFF	OFF, ON, OFF	ON, ON, OFF
Freq. 1	433.100 MHz	433.125 MHz	433.150 MHz	433.175 MHz
Freq. 2	433.300 MHz	433.325 MHz	433.350 MHz	433.375 MHz
Freq. 3	433,500 MHz	433.525 MHz	433.550 MHz	433.575 MHz
Freq. 4	433.700 MHz	433.725 MHz	433.750 MHz	433.775 MHz
Freq. 5	433.900 MHz	433.925 MHz	433.950 MHz	433.975 MHz
Freq. 6	434.100 MHz	434.125 MHz	434.150 MHz	434.175 MHz
Freq. 7	434.300 MHz	434.325 MHz	434.350 MHz	434.375 MHz
Freq. 8	434.500 MHz	434.525 MHz	434.550 MHz	434.575 MHz

MTXEU03A

	Group 5	Group 6	Group 7	Group 8
Position DIP 2, 3 e 4	OFF, OFF, ON	ON, OFF, ON	OFF, ON, ON	ON, ON, ON
Freq. 1	433.200 MHz	433.225 MHz	433.250 MHz	433.275 MHz
Freq. 2	433.400 MHz	433.425MHz	433.450 MHz	433.475 MHz
Freq. 3	433.600 MHz	433.625MHz	433.650 MHz	433.675 MHz
Freq. 4	433.800 MHz	433.825 MHz	433.850 MHz	433.875 MHz
Freq. 5	434.000 MHz	434.025 MHz	434.050 MHz	434.075 MHz
Freq. 6	434.200 MHz	434.225 MHz	434.250 MHz	434.275 MHz
Freq. 7	434.400 MHz	434.425 MHz	434.450 MHz	434.475 MHz
Freq. 8	434.600 MHz	434.625 MHz	434.650 MHz	434.675 MHz

In this module, DIPs 5, 6 and 7 do not effect the setting of the frequency group while DIP 1 must be set to OFF.

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The available frequencies are those belonging to the set group.



MTXUK03A

In this module, the DIPs from 2 to 7 are inactive and do not influence in the choice of the frequency group, while DIP 1 must be set at OFF.

MTXEU06B

In this module, the DIPs from 2 to 7 are inactive and do not influence in the choice of the frequency group, while DIP 1 must be set at ON.

MTXAU03A

In this module the DIPs from 2 to 7 must be set in order to operate within the permitted frequencies:.

DIP 1	OFF
DIP 2	ON
DIP 3	OFF
DIP 4	OFF
DIP 5	ON
DIP 6	OFF
DIP 7	ON
DIP 8	OFF



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Manual frequency mode	For this typ 1) set DIP8		de	it is	ne	ces	sar	y to) :								
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	a function o		uit	Jua	11511					iou	ule	•					
		MTXEU03A															
		Frequenza (MHz)	1		Dip sv 3 4	-	6	7	Frequenza (MHz)	1	2	Dip 3	swi	itch 5	6	7	
		433.100	-	OFF O	-	-	-		433.500	-	OFF	-	-		-		
		433.125	-	ON O		-	-			-	ON	-					
		433.150	-	OFF C		-	-			-	OFF	_					
		433.175	-	ON C		-	-			-	ON						
		433.200	OFF	OFF O	FF ON	OFF	OFF	OFF	433.600	OFF	OFF	OFF	ON	OFF	ON	OFF	
		433.225	OFF	ON O	FF ON	OFF	OFF	OFF	433.625	OFF	ON	OFF	ON	OFF	ON	OFF	
		433.250	OFF	OFF C	N ON	OFF	OFF	OFF	433.650	OFF	OFF	ON	ON	OFF	ON	OFF	
		433.275	OFF	ON C	N ON	OFF	OFF	OFF	433.675	OFF	ON	ON	ON	OFF	ON	OFF	
		433.300	OFF	OFF O	FF OF	ON	OFF	OFF	433.700	OFF	OFF	OFF	OFF	ON	ON	OFF	
		433.325	OFF	ON O	FF OFI	ON	OFF	OFF	433.725	OFF	ON	OFF	OFF	ON	ON	OFF	
		433.350	OFF	OFF C	N OF	ON	OFF	OFF	433.750	OFF	OFF	ON	OFF	ON	ON	OFF	
		433.375	OFF	ON C	N OF	ON	OFF	OFF	433.775	OFF	ON	ON	OFF	ON	ON	OFF	
		433.400	OFF	OFF O	FF ON	ON	OFF	OFF	433.800	OFF	OFF	OFF	ON	ON	ON	OFF	
		433.425	OFF	ON O	FF ON	I ON	OFF	OFF	433.825	OFF	ON	OFF	ON	ON	ON	OFF	
		433.450	OFF	OFF O	N ON	I ON	OFF	OFF	433.850	OFF	OFF	ON	ON	ON	ON	OFF	
		433.475	OFF	ON C	N ON	I ON	OFF	OFF	433.875	OFF	ON	ON	ON	ON	ON	OFF	
		_			Dip sv	itch						Din	~	itch			
		Frequenza (MHz)	1		3 4	-	6	7	Frequenza (MHz)	1	2	3	sw	5	6	7	
		433,900	-		-	-	-		434,300	-	OFF	-					
					-					-	ON	_					
		433.950							434.350								
		433.975	-	ON O		-	-				ON						
		434.000		OFF O					434.200		OFF						
		434.025	-		_		-			-	ON	-					
		434.050	-	OFF O						-	OFF						
		434.075	-	ON O			-			-	ON			_			
		434.100	-	OFF O		_	-			-	OFF						
			-	ON O						-	ON	-					
		434.150	-	OFF O		_				-	OFF		-				
		434.175	-	ON O					434.575	-	ON						
			-	OFF O						-	OFF	_					
		434.225		ON O			-				ON						
		434.250		OFF O			_		434.650	-	OFF						
		434.275	-	ON O						OFF	ON	ON	ON	ON	ON	ON	



Frequenza	Dip switch									
(MHz)	1	2	3	4	5	6	7			
458.525	OFF	ON	OFF	OFF	OFF	OFF	ON			
458.550	OFF	OFF	ON	OFF	OFF	OFF	ON			
458.575	OFF	ON	ON	OFF	OFF	OFF	ON			
458.600	OFF	OFF	OFF	ON	OFF	OFF	ON			
458.625	OFF	ON	OFF	ON	OFF	OFF	ON			
458.650	OFF	OFF	ON	ON	OFF	OFF	٥N			
458.675	OFF	ON	ON	ON	OFF	OFF	ON			
458.700	OFF	OFF	OFF	OFF	ON	OFF	ON			
458.725	OFF	ON	OFF	OFF	ON	OFF	ON			
458.750	OFF	OFF	ON	OFF	ON	OFF	ON			
458.775	OFF	ON	ON	OFF	ON	OFF	ON			

MTXUK03A

The DIPs that are present make it possible to set other frequencies (see Dip switches page 7) which are not, however, permitted.

MTXEU06B

Frequenza							
(MHz)	1	2	3	4	5	6	7
869.7125	ON	OFF	OFF	ON	OFF	ON	ON
869.7375	ON	ON	OFF	ON	OFF	ON	ON
869.7625	ON	OFF	ON	ON	OFF	ON	ON
869.7875	ON	ON	ON	ON	OFF	ON	ON
869.8125	ON	OFF	OFF	OFF	ON	ON	ON
869.8375	ON	ON	OFF	OFF	ON	ON	ON
869.8625	ON	OFF	ON	OFF	ON	ON	ON
869.8875	ON	ON	ON	OFF	ON	ON	ON
869.9125	ON	OFF	OFF	ON	ON	ON	ON
869.9375	ON	ON	OFF	ON	ON	ON	ON
869.9625	ON	OFF	ON	ON	ON	ON	ON
869.9875	ON	ON	ON	ON	ON	ON	ON

The DIPs that are present make it possible to set other frequencies (see Dip switches page 7) which are not, however, permitted.

MTXAU03A

Frequenza	Dip switch									
(MHz)	1	2	3	4	5	6	7			
472.025	OFF	ON	OFF	OFF	ON	OFF	ON			
472.050	OFF	OFF	ON	OFF	ON	OFF	ON			
472.075	OFF	ON	ON	OFF	ON	OFF	ON			
472.100	OFF	OFF	OFF	ON	ON	OFF	ON			

The DIPs that are present make it possible to set other frequencies (see Dip switches page 7) which are not, however, permitted.







Replacement

Disassembly

1.

Open the transmitting unit (§ 3.16). Unscrew the screw that fix the buzzer and the two LEDs to the top control casing.



Assembly

6.

Tighten the screw that clamps the buzzer and the two LEDs to the upper control station casing. Close the transmitting uni (§ 3.16).





5. Connect all the connectors to the interface card.

3. Unscrew the two screws that clamp the interface card to the upper control casing.

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4.

Tighten the two screws that clamp the interface card to the upper control casing.





Connectors

P1 🗔		Symbol	Signal
P1 m COM v		2V5	2.5 Vdc
G2 ₁ ► F2 0	16	AU1	Auxiliary
F3 11 G3 11	2 Z3	AU2	Auxiliary (motor start)
COM [1]	9 2V5	BUZZ	Buzzer
		CGS	GAS+/GAS- common
		СОМ	On/off command common
	L0 F1 COM L1 COM OND R85 GND COM L1 COM OND C35 SP SP J1 COM CTOM C4000 J2 SP' OB	CRS	Remote Set Up common
A		CSZ	Sectioned common
Z9 🗖		F1	START (start command)
P3 (m) P1 (s)		F2-F10	On/off commands
SP 2 SF 6		G2-G10	On/off commands
сом 🗄	CSZ	GND	Ground (battery negative)
RS- 51	91 RS+	LEDR	Red LED
GND POS		LEDV	Green LED
AU2 TZ CGS EZ		P1	Joystick 1 enable (if present
F13 57 F12 57	97 G13	P2	Joystick 2 enable (if present
F11 67 F10 E	ଳ G11	P3	Joystick 3 enable (if present
F9	4E G9	POS	5 Vdc
F8 [8]	<u>影</u> G8	RS+	Remote Set Up increase
		RS-	Remote Set Up decrease
P2 -	POS	SA	Automatic switching off*
P2 m COM い	▼ Z6	SF	SAFETY
F6	∞ 2V5	SF'	SAFETY I
G6 6 G7 1	27 Z7	SP	STOP
COM 51	POS 91 2V5	SP'	STOP I
P3 🗖		VBATT	Battery voltage (7.2 Vdc)
P3 (m) COM (s)	terrarde and the second s	VL0	Speed selection
G5 - 5	∞ 2V5 ×	VL1	Speed selection
G4 🗔	21 Z4	Z2-Z7	Proportional commands
F4 COM	POS 2V5	Z8,Z9	Auxiliary proportional commands

* if automatic switching off is to be deactivated, connect "SA" to "GND".

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