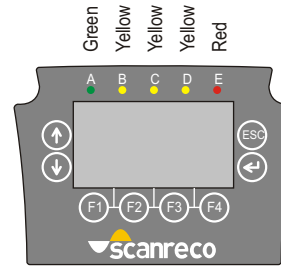
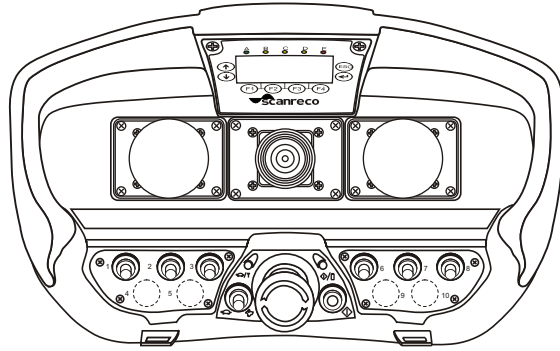
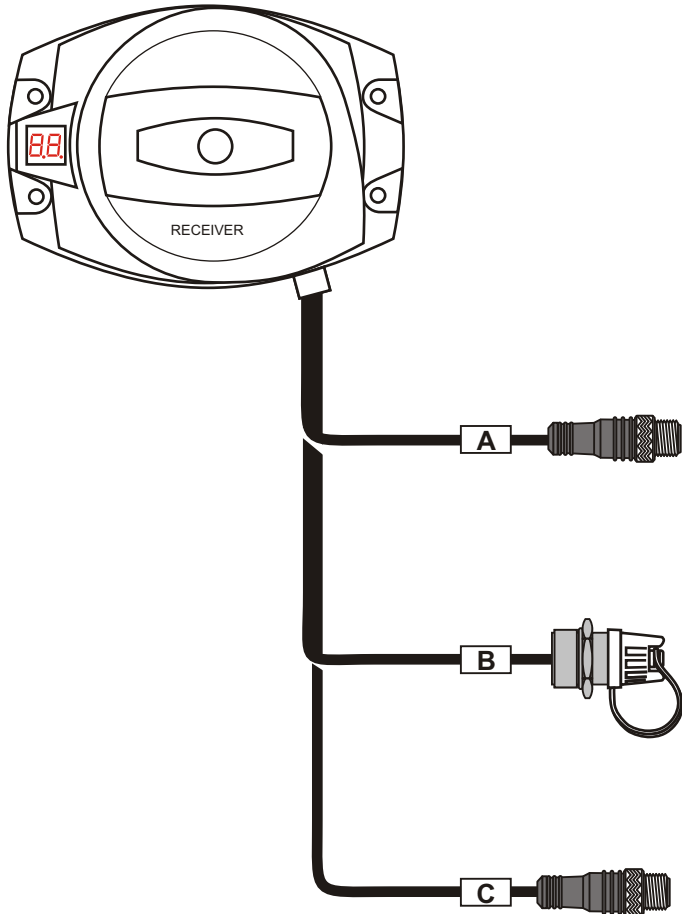


PORTABLE  
CONTROL  
UNIT  
Type 48800



DISPLAY PANEL  
Type 48561

CENTRAL  
UNIT G3  
Type 1604

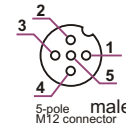


### CABLES CONNECTION

Cable length 3m

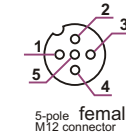
#### Cable A

Connection	
Pin no.	Colour / Function
1	Brown / DV1+
2	White / Power supply +12/24VDC
3	Blue / GND / CAN_GND
4	Black / CAN_HIGH
5	Grey / CAN_LOW



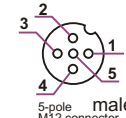
#### Cable B

Connection	
Pin no.	Colour / Function
1	Brown / Data
2	White / GND
3	Blue / RS 232 TX
4	Black / RS 232 RX
5	Grey / Supply output/CAB+

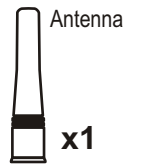


#### Cable C

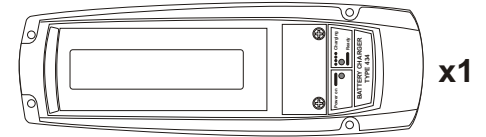
Connection	
Pin no.	Colour / Function
1	Brown / DV2+
2	White / LOOP1_OUT
3	Blue / LOOP1_IN
4	Black / LOOP2_OUT
5	Grey / LOOP2_IN



Battery



Battery charger



Neck belt



Programming cable  
L = 10m



### ACCESORIES

Manual & Documents



FABERCOM

CODE:

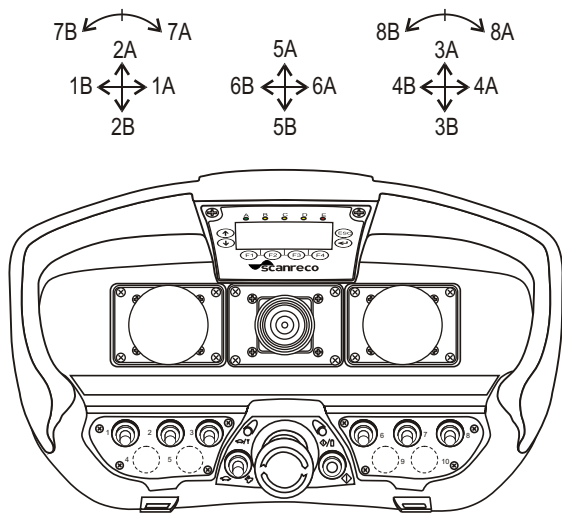
PRDMUC38RSY5

DESC: Scanreco RC400 G3 radio remote control global view with Maxi PCU and Can Bus output

FILE: ...\\Salhydro\\Radio\\G3\\1604 can maxi LCD 3-2-3\\PRDMUC38RSY5-0.cdr

DATE: 11/01/17 REV: 0 SHEET 1 OF 3

0	11/01/2017	Emissione		
Rev.	Date			
		Description		
		GP	2	1
		Designed		



#### Switch connections

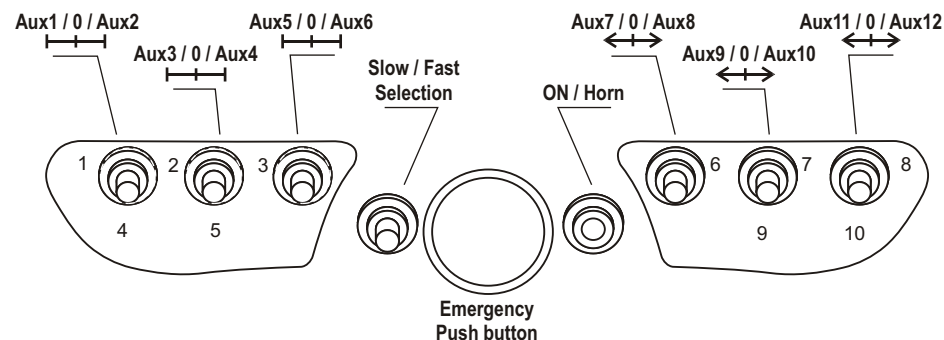
	left/up	center	right/down
SW1:	1 - 0 - 2		
SW2:	3 - 0 - 4		
SW3:	5 - 0 - 6		
SW6:	11 > 0 < 12		
SW7:	13 > 0 < 14		
SW8:	15 > 0 < 16		
- = detent <-> >/< = spring return			

#### Bit assignment

pos	DF	bit	pos	DF	bit
1	1	1	11	10	11
2	3	2	12	11	12
3	4	3	13	12	13
4	7	4	14	13	14
5	31	5	15	9	15
6	5	6	16	8	16
7	32	7	17	37	17
8	2	8	18	34	18
9	6	9	19	35	19
10	33	10	20	36	20
Clacson/Horn			17	24	
Emergency Stop			40	-	

#### Panel keys

P.B.	DF	bit	P.B.	DF	bit
UP	27	25	F3	16	29
DW	28	26	F4	26	30
F1	14	27	ENT	30	31
F2	15	28	ESC	29	32



#### PCU configuration:

- PCU off time = 5 min.
- Disconnect LED activated.
- 5 levels of speed reduction active (Micro).

#### CU configuration:

- CAN BUS:
  - ID 100
  - Baud rate 250Kbs.
  - Slave.
  - Can filter active.
  - Error Frame control not active.
  - Termination not active.
- Only one set of speed: SET1 multifunction.

#### Digital outputs:

- DV1 (max 2A): positive output when at least one proportional output is on (switch-off delay 0.5 sec.).
- DV2 (max 2A): positive output when PCU is connected with CU.
- LOOP1 IN-OUT (max 2.7A): polarized contact, closed when PCU is connected with CU.
- LOOP2 IN-OUT (max 2.7A): polarized contact, closed when PCU is connected with CU.

#### General information:

- The programming cable is used to bypass radio mode or to program the radio remote control.
- For all other radio remote control information, see the "User manual".

#### Note di produzione:

##### Pulsantiera:

- Tempo di spegnimento pulsantiera = 5 min.
- 5 livelli Micro.
- Disconnect LED attivo.
- Switch-plate di sx numerata.


##### Ricevente:

- Solo SET1 multifunzione.
- Ritardo peggiorativo DV 0.5 sec.
- Progetto grafico con solo Logo Scanreco e Disconnect screen

##### Can Bus:

- TPDO1 prelevato a valle.
- TPDO3 non attivo.
- Mappatura standard bit1-32.
- Terminazione non attiva.
- Error frame disabilitato.
- CAN filter attivo.
- Slave.

SW CU: FS30104C + DC1108 (progetto def. realizzato dal cliente)  
 FW: UC 1.21, PCU 1.21 o superiori

		CODE: <b>PRDMUC38RSY5</b>
DESC: Scanreco Maxi PCU configuration and function description.		
FILE: ...\\Salhydro\Radio\G3\1604 can maxi LCD 3-2-3\PRDMUC38RSY5-0.cdr		
DATE: 11/01/17	REV: 0	SHEET 2 OF 3

## TPDO1 Analogue channels message

### IDENTIFIER

0x180 + Node_Id	byte 0	byte 1	byte 2	byte 3	byte 4	byte 5	byte 6	byte 7
-----------------	--------	--------	--------	--------	--------	--------	--------	--------

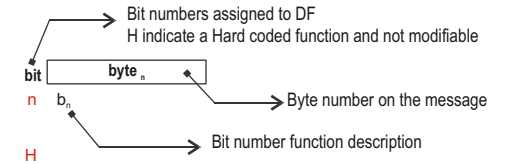
Analogue channels	Function 1	Function 2	Function 3	Function 4	Function 5	Function 6	Function 7	Function 8
DIR A	0xFE	0xFE	0xFE	0xFE	0xFE	0xFE	0xFE	0xFE
Neutral	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F
DIR B	00	00	00	00	00	00	00	00

## TPDO2 Digital channels message

### IDENTIFIER


0x280 + Node_Id	byte 0	byte 1	byte 2	byte 3	byte 4	byte 5	byte 6	byte 7
-----------------	--------	--------	--------	--------	--------	--------	--------	--------

bit	byte 0		bit	byte 1		byte 2		bit	byte 3		bit	byte 4		bit	byte 5		bit	byte 6		bit	byte 7	
1	b0	Aux 1	9	b0	not used	0 = PCU on 0xFF = PCU off		17	b0	not used	25	b0	Up	H	b0	Micro level LSB	H	b0	Battery level b0	H	b0	Reserved
2	b1	Aux 2	10	b1	not used			18	b1	not used	26	b1	Dw	H	b1	Micro level	H	b1	Battery level b1	H	b1	Reserved
3	b2	Aux 3	11	b2	Aux 7			19	b2	not used	27	b2	F1	H	b2	Micro level MSB	H	b2	Reserved	H	b2	Reserved
4	b3	Aux 4	12	b3	Aux 8			20	b3	not used	28	b3	F2	H	b3	Switch micro right on	H	b3	Reserved	H	b3	Reserved
5	b4	Aux 5	13	b4	Aux 9			21	b4	not used	29	b4	F3	H	b4	Switch micro left on	H	b4	Reserved	H	b4	Reserved
6	b5	Aux 6	14	b5	Aux 10			22	b5	not used	30	b5	F4	H	b5	Stop reason	H	b5	Reserved	H	b5	Reserved
7	b6	not used	15	b6	Aux 11			23	b6	not used	31	b6	Enter	H	b6	Radio quality b0	H	b6	Reserved	H	b6	Reserved
8	b7	not used	16	b7	Aux 12			24	b7	Horn	32	b7	Esc	H	b7	Radio quality b1	H	b7	Reserved	H	b7	Reserved



### CAN protocol information:

All the other can bus management information can be consulted on "CAN BUS protocol G2B and G3B CANopen-J" or upper version.

		CODE:	PRDMUC38RSY5		
DESC: Can Bus configuration.					
FILE: ...\\Salhydro\\Radio\\G3\\1604 can maxi LCD 3-2-3\\PRDMUC38RSY5-0.cdr					
DATE:	11/01/17	REV:	0	SHEET:	3 OF 3