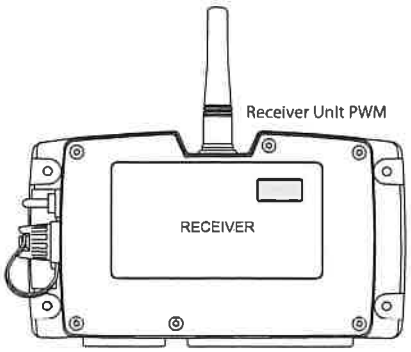
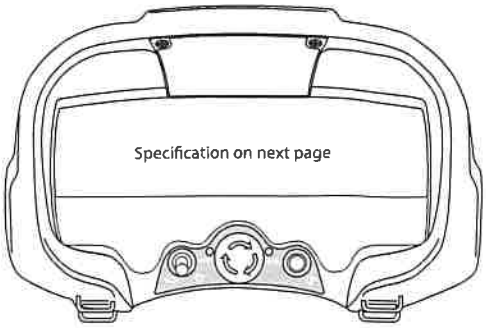
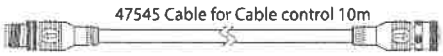
SYSTEM OVERVIEW

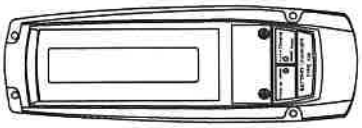


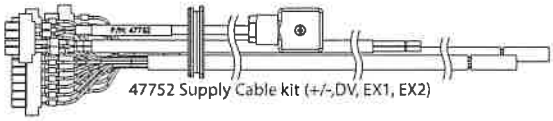
Transmitter Mini Linear




47545 Cable for Cable control 10m

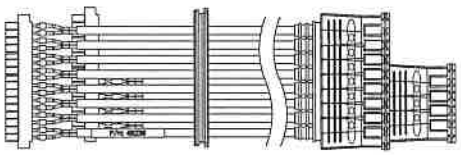
Battery Charger

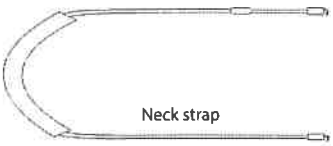


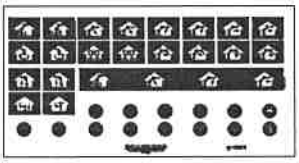

47752 Supply Cable kit (+/-,DV, EX1, EX2)

User Manual

592 Battery Cassette


48362 Valve Cable kit 1-8 (PWM AMP-JPT 2-pol)

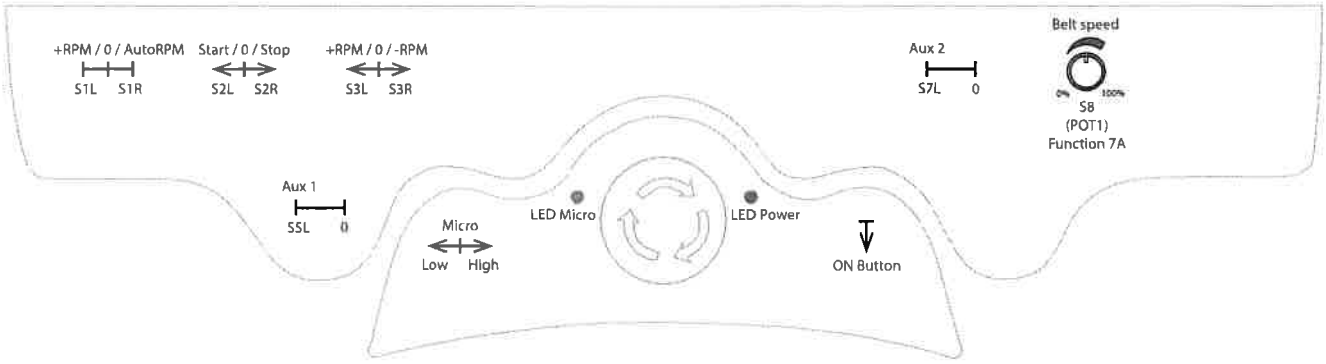



45676 Sticker Set Lever Symbols

SYSTEM CONTENT

Part nr:	Description:	Qty:	Notes:
SDC0007sf008495	Transmitter	1	
3010sf008495	Receiver	1	
47545	Cable control 10m	1	
434	Battery charger	1	
592	Battery Cassette	2	
44512	Neck strap	1	
47752	Supply cable kit	1	
48362	Valve cable kit	1	
45676	Sticker set lever symbols	1	
66024	User Manual G2 English	1	

TRANSMITTER



Push button.
2-way detent switch.
2-way spring return switch.
3-way spring return/detent with center position.
3-way detent with center position.
3-way spring return with center position.

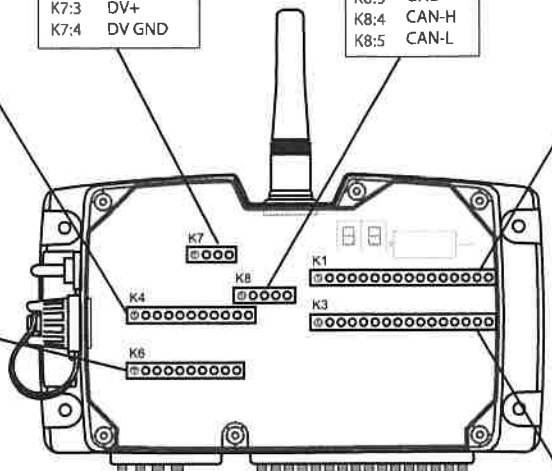
RECEIVER

Pin	Output /Input	Input function	Function
K4:1	Out1	S1L	RPM+/AutoRPM
K4:2	Out2	S2L	Start
K4:3	Out3	S2R	Stop
K4:4	Out4	S3L	+RPM
K4:5	Out5	S3R	-RPM
K4:6	Out6	-	not used
K4:7	GND	na	GND
K4:8	Din1	-	not used
K4:9	Din2	-	not used
K4:10	Din3	-	not used
K4:11	+VDC	na	Supply bridge (only internal loads)

K6:1	Out7	S13	ON Button
K6:2	Out8	S12	Transmitter linked
K6:3	Out9	S1R	AutoRPM selec.
K6:4	Out10	S5L	Aux 1
K6:5	GND	na	GND
K6:6	Out11	S7L	Aux 2
K6:7	Out12	-	not used
K6:8	Out13/Din4	-	not used
K6:9	Out14	-	not used
K6:10	GND	na	GND

K7:1	+VDC
K7:2	GND
K7:3	DV+
K7:4	DV GND

K8:1	CAN-H
K8:2	CAN-L
K8:3	GND
K8:4	CAN-H
K8:5	CAN-L



Pin	Output	Function
K1:1	1A PWM +	Analog Function 1A
K1:2	GND	
K1:3	1B PWM +	Analog Function 1B
K1:4	GND	
K1:5	2A PWM +	Analog Function 2A
K1:6	GND	
K1:7	2B PWM +	Analog Function 2B
K1:8	GND	
K1:9	3A PWM +	Analog Function 3A
K1:10	GND	
K1:11	3B PWM +	Analog Function 3B
K1:12	GND	
K1:13	4A PWM +	Analog Function 4A
K1:14	GND	
K1:15	4B PWM +	Analog Function 4B
K1:16	GND	

K3:1	5A PWM +	Analog Function 5A
K3:2	GND	
K3:3	5B PWM +	Analog Function 5B
K3:4	GND	
K3:5	6A PWM +	Analog Function 6A
K3:6	GND	
K3:7	6B PWM +	Analog Function 6B
K3:8	GND	
K3:9	7A PWM +	Analog Function 7A (POT1)
K3:10	GND	
K3:11	7B PWM +	Analog Function 7B (not used)
K3:12	GND	
K3:13	8A PWM +	Analog Function 8A (not used)
K3:14	GND	
K3:15	8B PWM +	Analog Function 8B (not used)
K3:16	GND	

Cable item nr: 47752

Power supply +12Vdc K7:1 +
GND K7:2 -

+/- 2,5m 2x2,5mm² (K7)

DV+ DV- DV 2m 2x1,0mm² (K7)

EX1 3m 11x0,5mm² (K4) EX1

RPM+/AutoRPM	Out1	1
Start	Out2	2
Stop	Out3	3
+RPM	Out4	4
-RPM	Out5	5
not used	Out6	6
GND	GND	7
not used	Din1	8
not used	Din2	9
not used	Din3	10
Supply bridge	+VDC	11 (only internal loads)

EX2 3m 10x0,5mm² (K6) EX2

ON Button	Out7	1
Transmitter linked	Out8	2
AutoRPM selected	Out9	3
Aux 1	Out10	4
GND	GND	5
Aux 2	Out11	6
not used	Out12	7
not used	Out13/Din4	8
not used	Out14	9
GND	GND	10

Cable item nr: 48362

PWM + 1A 2m 2x0,5mm² GND

1A	1A PWM + GND	Function 1A
1B	1B PWM + GND	Function 1B
2A	2A PWM + GND	Function 2A
2B	2B PWM + GND	Function 2B
3A	3A PWM + GND	Function 3A
3B	3B PWM + GND	Function 3B
4A	4A PWM + GND	Function 4A
4B	4B PWM + GND	Function 4B
5A	5A PWM + GND	Function 5A
5B	5B PWM + GND	Function 5B
6A	6A PWM + GND	Function 6A
6B	6B PWM + GND	Function 6B
7A	7A PWM + GND	Function 7A - Belt speed (POT1)
7B	7B PWM + GND	Function 7B (not used)
8A	8A PWM + GND	Function 8A (not used)
8B	8B PWM + GND	Function 8B (not used)

SYSTEM SETTINGS

General data:

Radio platform:	TR02 433MHz
Transmitter firmware:	Standard
Receiver firmware:	Standard
Application program:	sf008495-A1.txt
Graphic file:	n/a

Transmitter settings:

Auto-OFF timer:	5 minutes from idle operation on analogue outputs
Disconnect LED:	Activated

Unloading valve (DV-output) settings:

Auto-OFF timer:	0,5 sec from idle operation on analogue outputs

Analogue output characteristics:

Type:	PWM (DANA HPV41 modules)
Dither:	75Hz
Start current:	560mA
Stop current:	1080mA

Micro speed function:

Steps:	5
Micro (first step):	60%

Receiver settings:
Only one SET of speed: SET1 multifunction.
Transmitter linked output (Out8): positive when PCU is connected with the CU.

Potentiometer POT1 (S8) Uni-Directional:
Controls function 7A;
Zero position requested at the PCU start-up, the PCU does not establish the communication;
Not reduced with Micro speed;
Zero position not requested to come back to maximum speed;
Activates DV output.

AutoRPM description:
When S1 switch is on +RPM (to the left) Out1 output remains always ON.
When S1 switch is on AutoRPM (to the right) output Out9 is always ON, while output Out1 turns ON only when a proportional lever or POT1 potentiometer is not in rest position.
Out1 turns OFF with a 6 seconds delay after all levers and potentiometer have returned in rest position.
When S1 switch is in neutral position (in center), Out1 and Out9 outputs are always off.

General Information:
The programming cable is used to bypass radio mode or to program the radio remote control.