

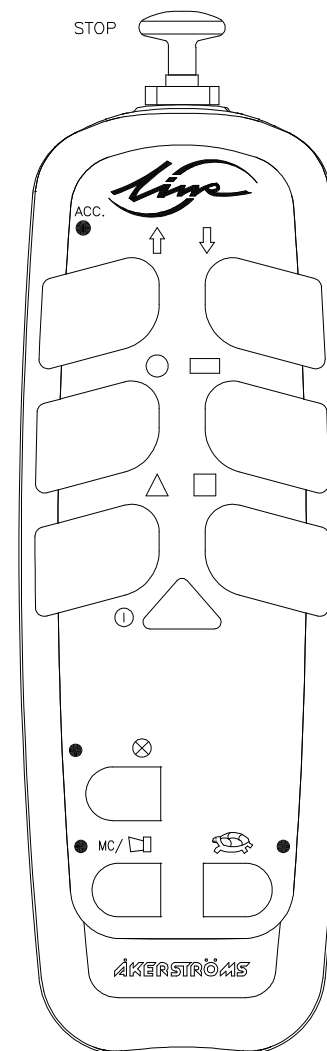


DRIVING INSTRUCTION

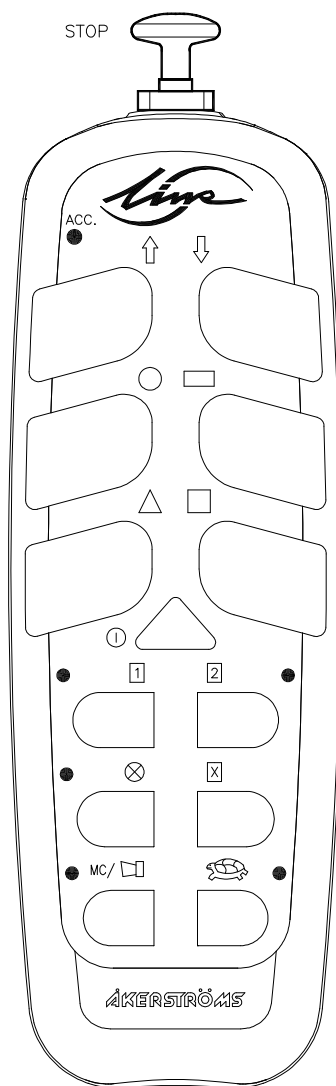
REMOTUS BC8518

928754-000

Variant 1.



Variant 2.



TRANSMITTER ON

Pull out the stop button and the transmitter is switched on. The operation indicator lamp (ACC.) starts blinking and the transmitter is on.

ELECTRONIC LOCK

If the operating indication LED is red, the electronic lock is activated. Contact the works manager or see the Installations manual.

MAIN CONTACTOR ON

Then the transmitter is on, press the signal button and this actuates the Main Contactor in the receiver, and it is ready for operation.

NORMAL RUN

The transmitter is designed with two pushbuttons for HOIST Up / Down, two for BRIDGE Forward / Backward and two for TROLLEY Left / Right. Each button is divided into 2 steps (a perceptible resistance) which facilitates the running at a certain speed. The first speed is obtained when the pushbutton is half compressed and the second speed is obtained when the pushbutton is totally compressed.

All the motions can be run simultaneously and the motions stop when the pushbutton is released, ***otherwise make an EMERGENCY STOP.***

MICRO RUN




Push in the button for MICRO and the diode lamp for micro lights. The micro-run movements are only at lowest speed in micro-run mode irrespective of the compression of the pushbuttons. The buttons are looped so that only one movement can be operated at a time. The other functions are working as in ordinary runs.

FLOODLIGHT Ä

The lights can be operated at any time after switching the Main contactor ON, Light OFF must be set before Main Contactor OFF. Otherwise the function remains. A diode lamp indicate that the light is on.

One extra function and Choice 1 and 2, works only on variant 2. (See page 3)

EXTRA

Function is obtained immediately when the switch is actuated in position .

CHOICE 1, 2 or 1+2

Push the button for 1 and/or 2, and the diode lamps indicate the selection.

SIGNAL

A signal can be emitted at any time during the run and is obtained as long as the push button switch is depressed.

EMERGENCY STOP

Depress the STOP button for Emergency STOP.

TRANSMITTER OFF MAIN CONTACTOR OFF

Depress the triangular button for about 2 seconds, until the indication for operation goes out, which switches off the transmitter. At the same time the Main Contactor in the receiver is deactivated.

AUTOMATIC SWITCH OFF FUNCTION

The transmitter is equipped with automatic switch-off function, switching off the trans-mitter after 2, 5, or 15 minutes after the latest use depending on what period of time has been looped. It is also possible to loop for continuous drive. The indicator lamp for operation goes out and the Main Contactor is de-energized. For renewed activation of the Main contactor restart is required, press the stop button, pull it out again and press the signal button. Accumulator voltage below 5,7V also causes automatic switch-off.

TRANSMITTER LED INDICATIONS

If the transmitter under start up or under operating detect a fault in any self-tests it will indicate with a continuously red light. After that the transmitter closes down. If it indicates continuously yellow light when you start up the transmitter, at least one of the pushbuttons is activated.

INDICATIONS	EXPLANATIONS
Green flashing	Operating
Yellow flashing	Battery voltage low < 6,3 V
Yellow continuously	Discharge battery voltage < 5,7 V
Red continuously, at start	Electronic lock, see the Installation manual
Red continuously, at operating	Fault, see the Installation manual

DISCHARGED BATTERY

The transmitter is equipped with an indicator lamp for battery status. The lamp blinks slowly green when the battery voltage is normal (7,4V), but starts to blink rapidly yellow, when it falls (6,3V). When the indicator lamp has started blinking rapidly yellow, the transmitter can be operated for approx 10 min. before the voltage is so low (5,7V) that the transmitter switches off automatically. The indicator lamp showing fixed light indicates this.

CHARGING INSTRUCTIONS

- The battery has got power for 12 hours continuous operation.
- Charging time 2 hours (quick-charge) then changes to maintenance charging, which does not need supervising.

230V AC CHARGING DEVICE

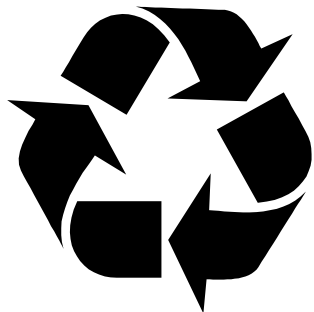
- The charging device has fixed ORANGE indication for quick charge and YELLOW indication for maintenance charge. GREEN indicates full charged battery.

DC CHARGING DEVICE

- The charging device has a fixed GREEN indication for quick charge. When the battery is charged the indication switches off. Still a certain maintenance charge is going on.
- NOTE! If the indication not light when the battery is placed in the charger, the remaining capacity in the battery is to high to enable quick charge.
- Take the battery out of the charger before the main-connection is disconnected.
- A WELL MAINTAINED BATTERY IS NECESSARY FOR FAULTLESS OPERATION
- CHARGE THE BATTERY AS SOON AS THERE IS POSSIBILITY.
- THE BATTERY MUST NOT BE CHARGED IF THE TEMPERATURE IS LOWER THAN +10°C OR HIGHER THAN +35°C.
- Only use by supplier approved charger.


DISCHARGED BATTERY.









A Li-Ion battery is environment conformed, but as usually, all batteries shall be handed back for recycling. When the battery will be changed, the used Li-Ion-battery shall be returned to the distributor, where a new battery is to be bought. Just to make sure that a proper battery will be required. An alternative is to directly dispose of the battery for recycling.










Old batteries shall be returned for recycling.

INSTRUCTIONS FOR CRANE OPERATORS

These instructions have to be followed. Marked .

1.  Check that the radiotransmitter operates on the crane, which you are going to drive (ex. give a signal). Check the function of the radiotransmitter.
2.  Check that no unauthorized person is on or at the crane when you start to drive it. The blocking device at entry of the crane should be closed.
3.  Check the position of the symbols for driving direction (crane-trolley travel).
4.  At the beginning of each shift the crane operator is to test brake, limitswitches and emergency stop function **as well as the STOP button on the transmitter.**
5.  The crane operator is when driving the crane to walk or stand at a suitable distance from the crane hoist in order to have adequate overview of the operation.
6.  It is prohibited to move the crane load over oneself or workmates. Signal in order to warn workmates.
7.  Avoid driving into end stops since equipment and goods can be damaged.
8.  Check your own free passageway in order to avoid tripping over material on the ground when you drive the crane Keep the workplace in good order.

9.  If you loose control of the crane movements, release the pushbuttons in order to stop the crane. If still it does not stop, actuate the STOP function.
10.  Find out where the crane's main power disconnection is in order to be able to quickly switch off if required.
11.  Never hand over the transmitter to anybody who has not undergone training in radio-control crane operation.
12.  After completed operation you should always switch the transmitter off with STOP. Note! Do never put the transmitter aside without switching the transmitter off with STOP.
13.  The main contactor of the crane is to be switched off after end of working hours. The transmitter is then to be kept inaccessible to unauthorized persons.
14.  In case of faults or breakdowns in the radiocontrol equipment the crane should permit operating from the cab or with suspended operating gear. In such case first turn the switch from radio operation to manual operation. Make certain how this switch-over is to be made before you start driving any individual crane.
15.  Make sure that the receiver cannot be activated when you service the transmitter.

**ALWAYS REPORT DEFECTS AND DEFICIENCIES TO
THE WORK MANAGEMENT.**