

# Remotus 8000

The Remotus 8000 is part of Åkerströms' Remotus line, i.e., products for radio control of cranes and overhead cranes and for other machine control within the manufacturing and processing industries, foundries, and mines. Åkerströms has more than 40 years of experience in developing radio-control devices for industries that have special needs.

The Remotus 8000 is our standard system. Its receivers have preprogrammed selections for the most common types of cranes and work with the general frequency band. So users can easily install and immediately use the system.

The Remotus 8000 is kept in stock and available in two models. The simpler model performs three movements at two speeds. The more complex model has three additional functions—besides performing three movements at two speeds. Both models are available as manipulator transmitters and handheld transmitters.

The Remotus 8000 is designed for harsh industrial environments with large temperature differences, dust, vibrations, oil, and humidity. When designing the transmitter, ergonomics received top priority, so the system is easy to use.

Remotus 8000 is our standard system. It works with most cranes and overhead cranes (with standard functions), which are currently on the market.

## THE SYSTEM CONSISTS OF

### BC 85 - handheld transmitter

The Remotus BC 85 hand-held transmitter has a new, reinforced, top cover that tolerates demanding environments. The BC 85 has a glued, silicon-rubber seal, is waterproof, and is IP65 certified. The six pushbuttons have double positions that enable two-speed control. The LEDs indicate battery status, operation, and selectable functions. The transmitter has built-in self-tests of all functions. Strap included. Constructed to comply with IP 65. Wgt.: about 400 g (14 oz.)  
Operating time: about 12 hours. Comes with two LiIon batteries and a charger.

### MC 83 - manipulator transmitter

Many ergonomic factors influenced the design of our easy-to-use MC 83. The carrying device offloads operators' backs during long shifts. Built-in self-test for all functions. Constructed to tolerate harsh environments. Wgt.: 1.2 kg (2.64 lbs).  
Operating time: about 10 hours. Comes with two NiMH batteries and a charger.

### CU 87 - receiver

This receiver has 13 outputs with change-over relays and built-in siren (116 dB). It's preprogrammed with nine applications (for different standard cranes and objects) that you can choose by turning a knob. It has a synthesizer radio (with frequency selection) that runs on the 433 MHz band. The CU 87 has double processors that monitor each other. A message is checked before the relay function goes out into the receiver. Incorrect commands are not executed, and safety increases. You can complement the CU 87 with an output for an external siren.  
Max. load: 4 A/250 VAC resistive load  
Power consumption: max. 12 VA  
Supply voltage: 115/230 VAC or 12-35 VDC; or 24/48 VAC or 12-35 VDC  
Size: 250 mm x 150 mm x 80 mm