



## Remotus T-Rx 28J B

Remotus T-Rx is Åkerströms Björbo's mobile platform for radio remote control of mobile applications. Remotus T-Rx 28J B is developed for use with mobile applications in environments with safety and reliability requirements. This rugged transmitter can be customized to meet customer needs and uses general or individual frequency bands.

Remotus T-Rx 28J B is a handheld transmitter with eight dual-function buttons and two joysticks within the same model. The model is available with or without display. The transmitter is easily maneuvered with one hand, making it easier to use in situations that might otherwise require the functions of a traditional joystick style transmitter.

### Mobile usage areas.

Remotus T-Rx 28J B is designed for use in mobile applications, such as mobile cranes and sludge pump trucks. The list of uses is long, but in principle, it can be used in any type of mobile application. The transmitter can control 4 analog and 8 digital functions in 2 steps. You can also extend the functions with the help of a selection button.

### Extra shock-resistant and tight.

Remotus T-Rx 28J B is for use in indoor and outdoor environments alike. Its rubber

bumper makes it extra shock-resistant, and its IP 65 rating means it is waterproof and dust-proof. To handle extreme temperature fluctuations, it is equipped with a diaphragm valve that vents condensation.

### With or without display.

The display's resolution is 102\*64 pixels and up to 4 numerical values with unit can be displayed at the same time. Values could be displayed numerical or as a bar. Placement of symbols and values/bars are configured in the receiver's PLC. There is also a possibility of custom symbols and texts. The information on the display is connected via PLC to optional analogue/digital inputs or CANopen

### Easy to configure its many functions.

Configuration of button functions, frequency settings, shutdown time, and permanent/temporary functions can be done easily via the keypad. The transmitter is equipped with a temperature-compensating battery indicator that warns when the battery is low. A configuration information module card stores the transmitter's configuration, which allows the configuration to be transferred when replacing it with a reserve transmitter.

### TECHNICAL FACTS

**Number of buttons/joysticks:**  
Eight 2-stage buttons + two joysticks

**Radio frequency:** 405-470 MHz, 2,4 GHz alt. Bluetooth

**Channel separation:** 25 kHz, option 12,5 kHz

**Output power:** 10 to 500 mW

**Antenna:** Built-in

**Type of transmission:** FM FSK

**Operating time:** With output power <50 mW - 8 hours, 500 mW - 4 hours

**Operating temperature:** -25 to +55°C

**Size:** 243 mm x 77 mm x 41 mm

**Weight:** 450 g

### Well-conceived, ergonomic design.

Remotus T-Rx 28J B has a well-conceived, ergonomic design for ease and comfort of use. It comes with an integrated hand strap. Optional accessories include belt clips and holders, vehicle-mounted holders, and cases.