

# TJE

## Transmitting unit

The TJE Powerbar model is a radio remote control that offers a wide range of features in a large-format panel. The Dynamic+T series features the Triband technology, which provides three frequency bands in a single module, which can be used in accordance with local regulations. The pairing procedures between the transmitter/receiver units and the frequency switching can be performed via radio. The TJE supports up to 4 multi-axis joysticks or 9 single-axis joysticks and is typically used for advanced mobile equipment and material handling applications, such as construction machinery, agricultural vehicles, and lifting systems. Its ergonomic shape and robust structure prevent accidental activations and interferences, while the optimized layout ensures easy access to the top and side actuators.

**DYN** Dynamic+T series

**Safety functions**  
GSS, EMS, ATS, UMFS (EN 62745)

**Triband**  
870 MHz / 915 MHz / 2.4 GHz

**Data Feedback**  
TFT 4.3", 5", 6.8" displays, 32 LEDs

**Max number of joysticks**  
Up to 4 multi-axis or 9 single-axis

**Customization**  
Programmable display, custom symbols, company logo, multiple joystick combinations



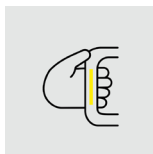

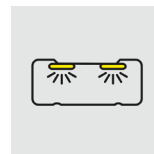

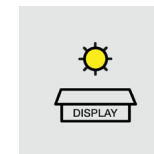

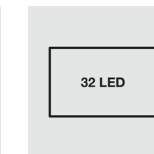
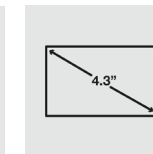
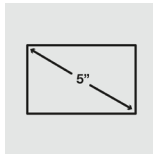
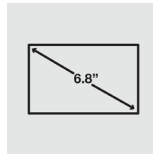


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## Technical data

Power supply	7.2 V
Radio frequency	870 MHz 915 MHz 2.4 GHz
Performance level of stop (GSS / EMS)	up to PL e, SIL 3 (EN ISO 13849-1)
Performance level of the automatic stop (ATS)	up to PL e, SIL 3 (EN ISO 13849-1)
Performance level of Unintended Movements From Standstill (UMFS)	up to PL d, SIL 2 (EN ISO 13849-1)
Typical working range	100 m (330 ft)
Max number of functions	up to 4 multi-axis joysticks, 20 actuators, 12 side pushbuttons; up to 9 single-axis joysticks, 20 actuators, 12 side pushbuttons
Average usage time with fully charged battery (continuous use at 20°C / 68°F)	without display: 60 hours with display: ≥ 8 hours
Protection degree	IP65
Operating and storage temperature	operating: (-25 °C) ÷ (+55 °C) / (-13 °F) ÷ (+130 °F) storage: (-40 °C) ÷ (+85 °C) / (-40 °F) ÷ (+185 °F)
Dimensions	370x248x183 mm (14.5x9.7x7.2 in)
Weight	4,3 kg (9.48 lb)
Included accessories	shoulder or waist belt, battery charger, 2 extractable Li-Ion batteries

## Options

							
Operator presence	Aptic feedback	Monodirectional and 360° panel light	Working area light	Sunlight cover protection	Environment marine protection	32 LEDs	4.3° TFT display
							
5° display	6.8° display						

**Cert. UNI EN ISO 9001:2015 No. 50 100 2877 Design, manufacture and service of remote control systems for safety industrial application.**

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