

IO_TRANSMITTER

Part of the IO_SERIES



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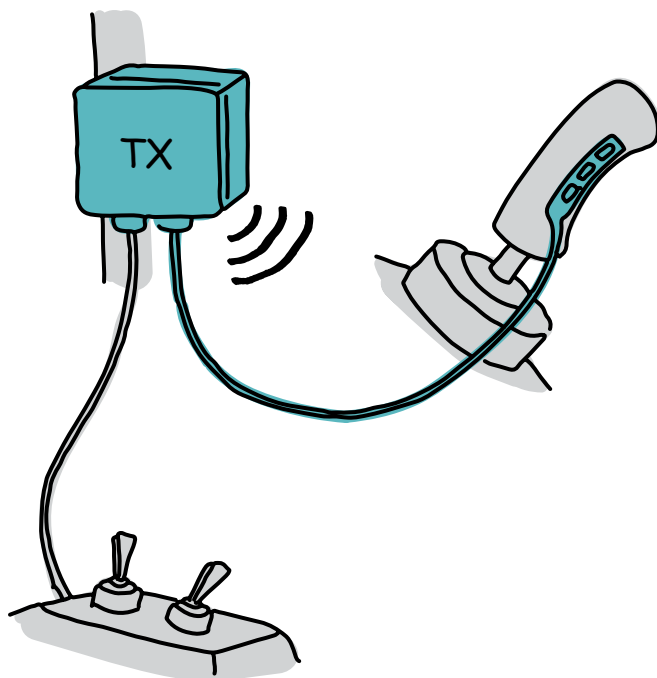


IO_TRANSMITTER

Use your own controls to send signals wirelessly to receivers within the IO_Series or Tele Radio Panther range. Sources may be:

- Digital sensors (8-32V, high level)
- Switches, push buttons or similar (Gnd, low level)
- Analog sources (0.5-4.5V, 0-5V, 0-10V) like joystick, potentiometers and similar.

The IO_Transmitter is also available with the optional Button_Flex pre-installed. The Button_Flex is an easy way to add extra push-button functions to a joystick or any other similar controlling unit. Available in 3- or 6-button versions with a 1,5m cable.



Example:

A Button_Flex_3 and two toggle switches connected to the IO_Transmitter (TX). Transmitting signals wirelessly to the IO_Receiver (RX).



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Manufacturer	Tele Radio Finland Oy
Brand name (Series)	IO_SERIES
Model name	IO_Transmitter
Product code (Model no.)	IO_TX_12
TECHNICAL DATA	
Input voltage	8 - 32 VDC (or 5 VDC)
Current consumption	~ 25 mA + (5V max 7.5 A)
Inputs (IN_1-12)	12 pcs (DIGITAL); configurable LOW (0V) or HIGH (5-32V), 6 analog, 0-5V, 0.5-4.5V, 0-10V
Reference Voltage Outputs	1 pc; 5V (0.75 A)
Digital Outputs (Output PCB) (Optional)	2 pcs; 2A each or max 3.5A both simultaneously (resistive or inductive load, activated by Inputs)
Radio Transmission Power (typical)	+10dBm
Operating frequency	2.4 GHz (2.405 - 2.480 GHz as per IEEE 802.15.4)
Ingress protection	IP66
Dimensions (WxLxH)	100 x 100 x 60 mm
Connectors dimensions	GND, POT, BATT, GND : max 1.5 mm ² IN_1-12, GND: max 0.5 mm ²
Weight	~ 300g
Certifications	CE, FFC, IC, MIC

TESTS

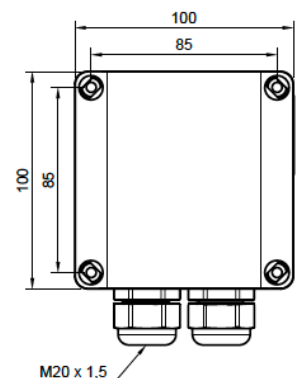
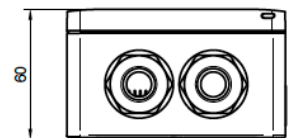
The IO_Receiver is EMC tested to comply with:

Emission tests: EN 61000-6-3, Residential, commercial, light industry.

Immunity tests: EN 61000-6-2, Industrial environment.

Emission and immunity tests according to E/ECE Regulation No. 10, Revision 6 (2019): Agricultural and forestry machinery (ISO 14982:1998) and earth-moving and building construction machinery (ISO 13766-1:2018)

Dimensions (mm):



CONTACT INFORMATION

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