



## AURIGA RECEIVER

### THE TYRO AURIGA: A RELIABLE AND FLEXIBLE ALL-ROUNDER!

The Tyro Auriga is a very reliable receiver with a whole range of possible applications. This unique industrial receiver can be used with various PLCs developed by Tyro Remotes, that are flexible to use and have different compositions.

With the Tyro Auriga practically anything is possible such as digital, analog, emergency stops, free input and potential free. This makes this receiver suitable for use in many sectors, and it is Tyro's answer to the new market demands.

The Tyro Auriga is the ideal receiver for complex applications in the area of vehicle applications, industrial applications, agricultural and marine applications.

The high certification level means that the Tyro Auriga is often used by leading trailer and chassis builders as an initial assembly for axle control.

- Very high certification level (EMC-E11 certification/R&TTE/CE)
- Reliable 868 MHz frequency
- Optimal operational safety
- Extremely fast reaction time (<0.1 second)
- Up to 8 hand-held transmitters can be programmed standard with the receiver
- Both digital and analog inputs and outputs
- Potential free contacts
- Modular expandable to 2-36 functions
- Available with keyboard and display
- Safety category 3 (EN 945-1/ ISO 13049-1) (optional)
- Unique 64-bit ID Safety code

## TECHNICAL SPECIFICATIONS

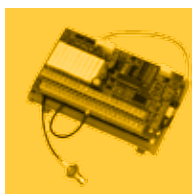
Frequency	868 MHz (multiple frequencies possible)
ID Safety code	Unique 64 bit (18,4 trillion combinations)
Reaction time	< 0.1 second
Operating voltage	10-38 Vdc / 230 Vac
Temperature range	-30°C / +75°C
Range under normal conditions	350 metres
Damp and dirt resistance	IP 66
Size (L x W x H)	160 x 150 x 60 mm
Weight	475 grams
Number of transmitters per receiver	Standard 8, optional >8
Number of functions	36 maximum
Overload protection	Must be protected with 10 A fuse by you
Optional Modules	RS-232, RS-485, CAN-bus
Optional	Display, (backlit) keyboard, out of range protection, double key functions, key hold-down function

## FUNCTIONALITY

Digital output	10 relays, potential free contacts, max. 3 A
Digital input	8 pieces, 10 - 40 Volt input
Analog output	1 piece, 0 - 10 Volt, 8 bit (12 bit possible)
Analog input	4 pieces, 0 - 10 Volt, 8 bit (12 bit possible)
Optional analog output	4 pieces, 0 - 10 Volt, 12 bit
Databus	2 x connection I <sup>2</sup> C internal - 1 piece I <sup>2</sup> C external
Hardware settings	8 dipswitches on PCB

## ACCESSORIES

Antenna extension cable	Optional 1, 2 or 5 metres
DIN rail	Optional



The Tyro Auriga is mounted in an enclosure but it can also be mounted on the DIN rail



The Tyro Auriga can be fitted with a keyboard and a display. Handy in case of loss or failure of the transmitter!



## VERSATILITY MEETS RELIABILITY