



## TYRO REMOTE STARTER

### THE TYRO REMOTE STARTER: AN EFFICIENT AND COST SAVING DEVICE!

Want to save on maintenance and fuel? The Remote Starter offers a universal solution for starting and shutting off diesel or petrol (gasoline) engines from a distance of up to 500 meters. Thus, a perfect solution to save time and money! This sustainable system can be easily connected to almost all types of engines, generators, pumps and other motorized applications.

By pressing the 'On' button, the system is activated. Preheating the engine is possible. Button 1 ignites the engine. As soon as it is running, the start function is disabled to prevent the engine from starting again in situations where the button is pushed twice accidentally.

If the receiver does not get a signal from the dynamo within one minute after getting switched on, it automatically switches off the ignition in order to prevent the battery from being drained. This helps in saving the battery life. With the 'Off' button, the whole system can be switched off.

The emergency stop button and the EMC-e11 certification guarantee a safe use. A maximum of three contacts are available that can be used to control other functions such as an actuator for the speed.

- Specifically developed for starting and switching-off all types of fuel engines
- Reduces fuel consumption
- Reduces maintenance costs
- Environmental friendly as the engine is never running unnecessarily
- Range up to 500 metres,
- Very fast reaction time (<0.1 second)
- Increases operating comfort, reduces noise
- Easy to connect by 2,5 metres of pre-assembled cable (plug & play)
- Shock proof, damp and dirt-resistant
- Solid cast receiver, 100% waterproof (IP68)
- Transmitter with belt clip and rubber grip
- Guaranteed Safety  
(EMC-e11 certificate/ R&TTE/CE)

## TECHNICAL SPECIFICATIONS

Number of function keys	2 + on and off + emergency stop button
Frequency	868 MHz
Response time	< 100 ms
Power supply receiver	8-38 Vdc / 230 Vac
Power supply transmitter	1 x 9V block (average service life 2 years, 100 h. continuously)
Range	Up to 500 metres
Resistance to temperature	-30°C / +75°C
Resistance to damp and dirt	Transmitter IP 65, receiver IP 68 (=100% waterproof)
Overload protection	10 A glass fuse integrated (fast) 5x20 mm
Weight	Transmitter 114 grams, receiver 480 grams
Size (L x W x H)	Transmitter 95 x 60 x 30 mm, receiver 150 x 95 x 30 mm
Cable length receiver	2,5 metres pre-assembled
Colour status LED receiver	Yellow when signal received
Digital output receiver	3 (switching voltage = operating voltage)
Digital input receiver	1
Semi-analog input receiver	2 (PWM)

## ACCESSORIES

Protective cover	Optional
Antenna extension cable	Optional 1, 2 or 5 metres



### Plug & Play:

The Remote Starter is pre-wired with 2.5 metres of pre-assembled cable and therefore, is easy to connect to the various types of motors, pumps and generators. The corresponding Tyro Aquarius receiver is 100% waterproof (IP68).



### Sustainability:

The Remote Starter repays itself through the cost savings that are achieved by using it. You can save on fuel and on maintenance as the engine depreciates less quickly. Moreover, this product contributes to a better environment.



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## VERSATILITY MEETS RELIABILITY