

Supply kit



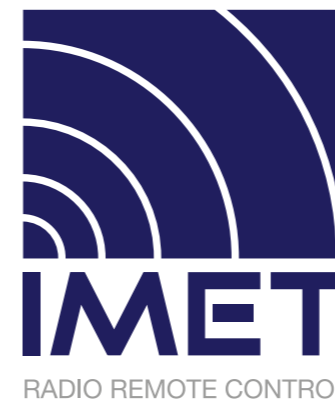
Transmitting unit, receiving unit, ergonomic leather belt, 2 removable rechargeable batteries, charger.

AXT



Transmitter unit, receiver unit, ergonomic leather belt, built-in rechargeable battery, USB-C™ charging cable.

AXT^{IB} NEW



PROFESSIONAL RADIO REMOTE CONTROLS
FOR FORESTRY WINCHES

AXT

Transmitter

	AXT	AXT^{IB}	
Dimensions (L.W.H.)	120 x 63 x 161 mm / 4.73 x 2.48 x 6.34 in	120 x 63 x 161 mm / 4.73 x 2.48 x 6.34 in	
Weight (battery included)	500 g / 1.10 lb	500 g / 1.10 lb	
Max number of ON/OFF commands	20	20	
Max number of analog commands	8	8	
Range	200 m / 656 ft *	200 m / 656 ft *	
Casing material	Charged Nylon UL94 HB	Charged Nylon UL94 HB	
Battery	Li-Ion 3.6V - 2000 mAh	LiPo 3.6V - 2000 mAh	
20°C range with battery continuous duty assignment	= 20 ore	= 20 ore	
UMFS protection	STOP	Up to PLe Cat.4/SIL3	Up to PLe Cat.4/SIL3
	SELECTOR LEVER - BUTTON	Up to PLc Cat.2/SIL2	Up to PLc Cat.2/SIL2
Operating frequency 1	I.S.M. Band 433.050-434.790 MHz 69 ch. #	I.S.M. Band 433.050-434.790 MHz 69 ch. #	
Operating frequency 2	I.S.M. 434.040-434.790 MHz 30 ch.	I.S.M. 434.040-434.790 MHz 30 ch.	
Operating frequency 3	2.4 GHz, 38 ch.	2.4 GHz, 38 ch.	
Operating frequency 4	I.S.M. Band 863.100-869.850 MHz 32 ch.	I.S.M. Band 863.100-869.850 MHz 32 ch.	
Operating frequency 5	Band 915.200-927.800 MHz 64 ch.	Band 915.200-927.800 MHz 64 ch.	
Operating temperature	-25°C +55°C / -13°F +133°F	-25°C +55°C / -13°F +133°F	
Degree of protection	IP 65	IP 65	

* with some versions of radio you can have a longer range: contact IMET for information.
with Working Frequency 1 the power is 1mW and the range < 200 meters.

Receiver

L DC

Dimensions (L.W.H.)	140 x 65 x 230 mm / 5,5 x 2,5 x 9 in
Weight	1700 g / 3,74 lb
Supply voltage	11÷30 VDC
Absorbed power	22 W max
Available commands	16 relè o 20 MOS, 2 H-Bridge, 8 analog (PWM, current, voltage)
STOP Command Category *	Up to PLe Cat.4/SIL3
Operating temperature	-25°C - +60°C / -13°F +140°F
Degree of protection	IP 66

* depends on the configuration



SCAN THE QR CODE TO VIEW
AXT ON OUR WEBSITE



IMET s.r.l. reserves the right to make eventual changes to the product without notice.

Via Ronche, 93 33077 Sacile (PN) ITALY - +39 0434 7878 - info@imet.eu - www.imetradioremotcontrol.com



03-26 - Rev. 0.0



Global partner for innovation





Ergonomics

In the engineering of the AXT, every element has been developed with a focus on ergonomics and the operator's user experience (UX). The combination of these design solutions helps reduce operator fatigue and enhance overall productivity.

The housing geometry is specifically designed for forestry winch applications, allowing for seamless operation in any working position-providing such comfort that the operator may even forget they are wearing the device. Simultaneously, the control actuators are strategically recessed and protected, ensuring the necessary safety levels for operating in dense woodland environments where the risk of impacts or snagging is frequent.



AXT

Compact and Powerful

AXT is the waist-portable transmitter engineered and designed in collaboration with forest winch manufacturers. It is fully compliant with the UNI/EN 17067 Directive, which regulates safety requirements for remote control systems on forestry machinery.

Durability

With a view to sustainability and preservation over time we use high quality materials and components. AXT was born to face and overcome the most extreme conditions of the forest environment.

To ensure the expected performance the products are tested in our ISO/IEC 17025 certified in-house laboratory with instrumentation that verifies degree of protection from liquid and dust penetration, aging with climate tests, UV light, salt spray and incandescent wire.



AXT is compatible with all types of forestry winches

The system is capable of managing single or double-drum winches and integrates key functions such as RPM+/- control, engine start/stop, and PTO (Power Take-Off) engagement.

Multiple configurations are available for pull and release operations:

- ▶ Dedicated pushbutton for pulling and a toggle switch for release.
- ▶ Single toggle switch for combined pull and release control.



Thanks to its inherent flexibility, AXT ensures intuitive, safe, and efficient operation in any field environment.

Units can be fully customized to customer specifications, including custom iconography, actuator types, operating logic, and receiver wiring harnesses.

Battery



REMOVABLE

Long-life, removable Li-Ion rechargeable battery, secured against accidental release and resistant to liquid and dust ingress (IP-rated). IMET provides two interchangeable batteries with a quick-connect coupling system, ensuring continuous duty cycles and zero downtime.



INTERNAL

Long-life internal LiPo rechargeable battery, powered via USB-C™. When configured with an internal battery, the transmitter remains fully operational even during the charging phase.



AXT

AXT_{IB} NEW



Certified Quality and Safety

AXT is certified to international standards, ensuring worldwide compliance and global reach. These certifications make it the professional partner of choice for any market, guaranteeing the highest levels of quality and operational safety.

