



linus 6

The ergonomic transmitter format now available in a new version incorporating the latest HBC radio technology.



Scale 1:2

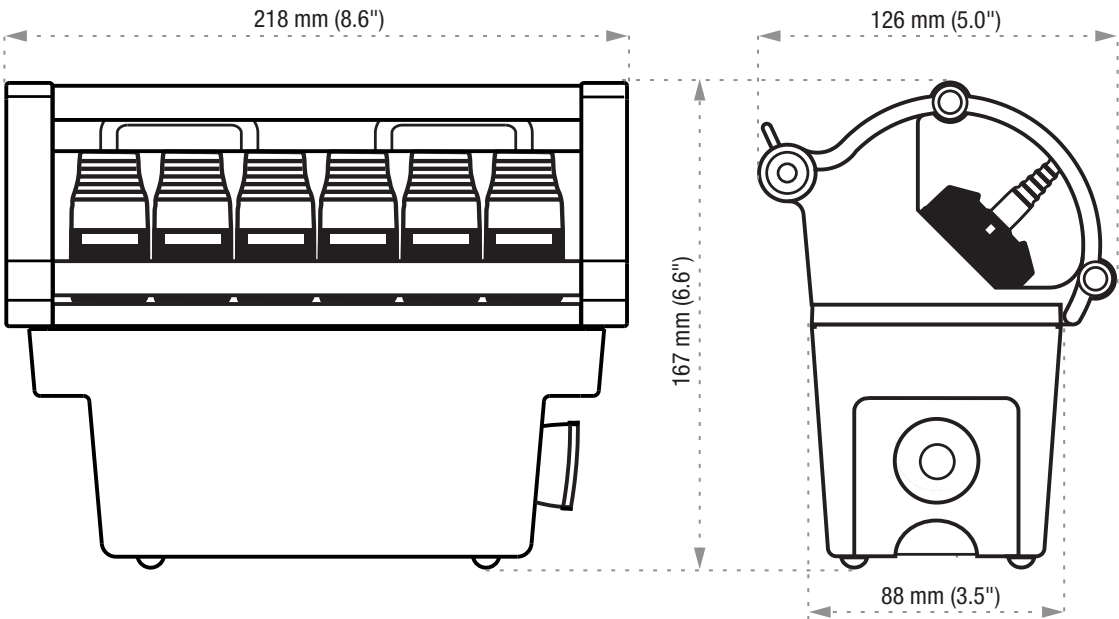
Quality in Control.

linus 6

Technical data



Radio transmitter	linus 6		
Combined with	FSE 507 / 510 / 511, FSE 727 / 737 radiobus®		
Control concepts	Point-to-point operation, catch-release, combined operation, cable option		
Operating elements	6 linear levers; 6 positions for combination of push buttons and / or rotary switches (maintained / spring-return)		
Control functions	Up to 6 analog functions for linear levers; up to 18 control functions (on / off)		
Indication	LED / acoustic signal / transmitter vibration: operating status, battery status		
Safety	E-STOP: PL d category 3 according to EN ISO 13849-1:2015 Protection from unauthorized use: activation via HBC start-up sequence or merlin® TUC Auto Power Off: automatic deactivation of the transmitter after 15 min without command input <i>optional</i> : Auto Movement Off: automatic deactivation of movement functions after 5 min without command input		
Enhanced safety functions	radiomatic® shock-off / zero-g / inclination switch; <i>optional</i> : radiomatic® infrakey, micro drive, shut-down on implausible control commands		
Feedback to the operator	Information and warnings via transmitter vibration		
Service concept	radiomatic® iLOG, radiomatic® ADCON, teach battery for pre-setting of proportional functions		
Frequency ranges	ISM bands		
	country-specific use: 405 – 475 MHz 865 – 870 MHz 902 – 928 MHz	country-independent use: 2,4 GHz: 2402 – 2480 MHz	country-specific use: DECT: 1790 – 1930 MHz
Frequency management	Fixed frequency, radiomatic® AFS, Adaptive Frequency Hopping, DECT		
Antenna	Internal		
Battery technology	Rechargeable NiMH exchange battery; continuous operating time: typically 14 hours		
Charging time	< 5 h (typ.)		
Housing material	Plastic (PA6 GF30)		
Weight	1.5 kg (3.3 lb.)		
Operating temperature	-25 °C ... +70 °C		
Protection class	IP 65		



© 2022 HBC-radiomatic GmbH | Pl_linus_6 | 139/22 | Specifications and design subject to change without notice! No part of this document may be reproduced in any manner whatsoever without the expressed written permission of HBC-radiomatic GmbH.



linus 6

Clever design and pure operating comfort in first-class HBC quality: That's what linus 6 stands for. The classic transmitter for hydraulic applications with up to 6 stepless drives now offers the latest generation of high-performance HBC radio technology in combination with attractive new functions and options. With its ergonomic design, the transmitter is always at hand, but never in the way.

Valuable features and options at a glance:



Intelligent frequency management

First-class technologies for areas with high radio traffic

The transmitter is available with HBC's cutting-edge frequency management technologies and is, thus, the perfect choice for areas with many radio users or environments with frequently changing spectrum demands.



radiomatic® iLOG

Service without downtime

This clever electronic key enables the quick activation of a spare transmitter if the original transmitter is damaged. This means service without expensive downtime.



Micro drive

Reach your destination safely

During difficult maneuvers, this function can protect the operator from dangers due to speeding of the crane / the machine.



merlin® TUC (Transmitter User Card)

Simple and safe management of access rights

merlin® TUC protects the control against unauthorized use. In addition, this card allows you to unlock or lock machine functions for each different operator.



High-performing rechargeable NiMH battery.



E-STOP.



Comfortable carrying by shoulder / neck strap.