

Olsbergs

means total control



MultiDrive 3

- Control system with fingertip sense

Robust and operator-friendly hand controllers for reliable and safe radio remote control. Distinct information displays and control levers with high accuracy and precision give the operator total control in any position.

 English

Robust hand controllers in...

Controller Display 6F and 8F - For total control with precision

Display 6F and Display 8F are different models of Olsbergs robust hand controllers. The choice of model determines the number of functions which are possible to be controlled simultaneously.

The hand controller operates with a two way communication radio, license free ISM band for world-wide deployment, enabling information both to be sent and to be received. Automatic frequency management using LBT based DAA allows for long reach and continuous operation without any interruptions caused by radio interference from other wireless equipment.

Controller Display 6F and 8F - Distinct information displays

The hand controllers have 6 resp. 8 fully proportional control levers. Distinct information displays provide the operator with real-time information. Bright backlighted graphic symbols, one for each function, facilitates for the operator to always choose the right functions and thereby avoid mistakes.

The centre display indicates system status, chosen menu, strength of radio signal, battery status, and micro mode if chosen.

Furthermore the displays can show status feedback for each function e.g. capacity utilisation.

As standard four menus with proportional functions and two menus with on/off functions can be configured. The selection of menu is easily done by pressing one of three push buttons located on the rear handle.

Menu system for quickly changing operator modes:

- Crane - e.g. operation of crane functions
- Extra - e.g. operation of out rigger functions
- ON/OFF - operation of on/off functions

Total Control between lever and valve with CANopen interface for safety system and display control



Controller display 6F

...radio remote system MultiDrive 3

Micro mode for slow motion

The micro function change the resolution in the control levers. Activating the micro mode enables the operator to set the levers to preset values of normal speed thus enabling the machine to be operated with increased precision.

Configurable pushbuttons

The models Display 6F and Display 8F have two alt. four pushbuttons for control of on/off functions e.g. start/stop engine, increase/decrease rpm on the engine etc. The pushbuttons have dual channels for high safety.

Info button

In case of failure, by pressing the info button error indications from the complete control system are displayed on the centre display for fast and easy diagnostics.

Release button

If a function has been blocked due to a safety risk the release button is activated to confirm that the risk is noticed and that measures have been taken e.g. the crane operates at reduced speed for a limited time.

Cable control

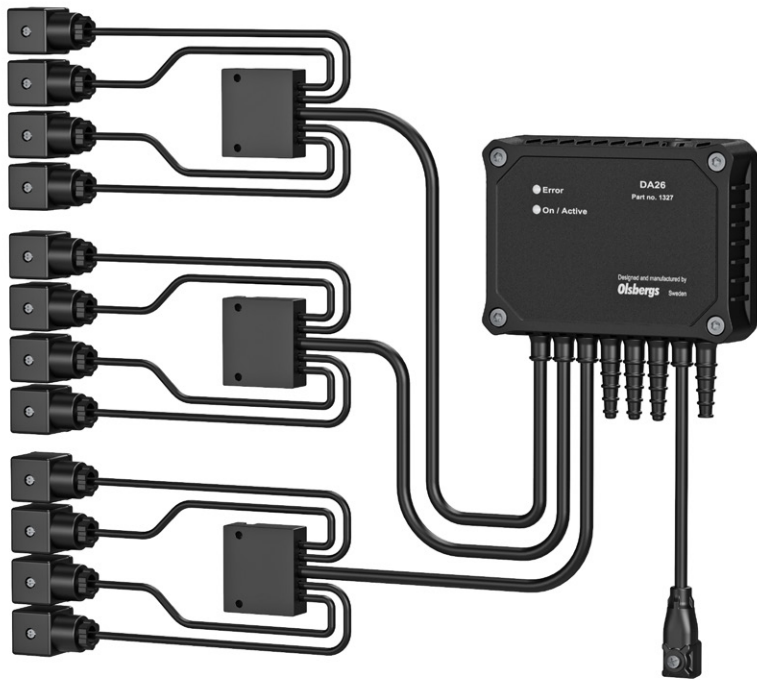
The hand controller can operate via cable in e.g. areas where radio remote control is not allowed.

Connectivity by Olsbergs Diagnostic Service, ODS

ODS is a smart online-tool for trouble shooting and planning of preventive maintenance. The ODS monitors continuously the status of the control system and checks quality of power supply and data signals. The information is available in real time and managed via a web based interface for easy and user-friendly handling with smartphone or tablet.



Controller display 8F



Valve control unit DA26



Radio decoder



Battery charger



Hand controller

MultiDrive 3

- Control system with fingertip sense

Olsbergs Hydraulics AB

Box 17
SE-575 21 Eksjö
Sweden

Phone: +46 (0)381 15075
E-mail: hydraulics@olsbergs.se

Olsbergs Electronics AB

Box 267
SE-186 24 Vallentuna
Sweden

Phone: +46 (0)8 511 858 50
E-mail: electronics@olsbergs.se