technos A

Smart technos design in a compact format

technos A

Operating elements

- Front panel:
  - Up to 2 joysticks or up to 6 linear levers
  - Combinations of push buttons, toggle or rotary switches (maintained / spring-return) and other operating elements
- On the side:
  - Up to 5 one-step push buttons, radiomatic® iCON for display navigation
- STOP impact switch
- Optional operating elements:
  - Joysticks with integrated button
  - Z-axis switches for the simultaneous control of 3 drives

Safety concept

- Safe activation via HBC start-sequence or via merlin® TUC
- E-STOP: PL d Category 3 according to EN ISO 13849-1:2015
- Optional: Direction contacts + 4 additional commands: PL d Category 3 according to EN ISO 13849-1:2015
- Auto Power Off: Automatic shut-down of transmitter after 15 minutes without command input
- Auto Movement Off: Automatic deactivation of movement commands after 5 minutes without command input

Quality in Control.

technos A

Control functions

- Up to 24 control functions (on / off)
- Up to 6 analog commands for joysticks / linear levers
- 2 additional analog functions, e. g. for potentiometer switches
- Additional functions available through the display (softkeys)

Extended control concepts (optional)

- Catch-release
- Tandem operation
- Trolley preselection / control of 2 trolleys
- Cable control

Carrying by hip belt.

Indication

- LED: operating / battery status
- Acoustic signal: operating / battery status
- Transmitter vibration: operating / battery status

technos A

Feedback to the operator

- Data, information and warnings via 2 configurable 1.7″ color TFTs
- Information and warnings via LED
- Information and warnings via transmitter vibration

Frequency management

- Manual frequency switch

Optional:

- radiomatic® AFS (Automatic Frequency Selection) = partially automatic
- radiomatic® AFM (Automatic Frequency Management) = fully automatic
- DECT = fully automatic
- 2.4 GHz technology = fully automatic

Data indication via 2 configurable 1.77″ color TFTs.

technos A

Dimensions & specifications

- Plastic housing
- Protection class IP 65
- Operating temperature range: -20 °C … +70 °C
- Weight: approx. 1.8 kg
- Dimensions: 255 x 162 x 168 mm (10.04″ x 6.38″ x 6.65″)

Antenna

- Internal

Battery technology

- Rechargeable Li-ion exchange battery
- Continuous operating time: 20 hours

Carrying by belt clip.

technos A

Service concept

- radiomatic® iLOG: Electronic key / address data carrier for the quick activation of spare transmitters

Additional features

Protection against unintended machine activation:

- radiomatic® shock-off / zero-g / inclination switch: Activation of safety functions in emergencies
- Shut-down on implausible control commands (optional)
- radiomatic® infrakey (optional): Activation only with direct visual contact (line of sight)
- Two-step enabling switch for the temporary release of safety-related functions (optional)

Additional features

Protection against maloperation / unauthorized machine use (optional):

- User identification with merlin® TUC: Protection from unauthorized use, locking / unlocking of functions preset by the customer for specific users
- Limitation of maximum driving speed = Micro drive
- Limitation to straight paths without unintended diagonal movements = Orthogonal drive

Additional working safety:

- Built-in flashlight
- Front panel lighting

Service and efficiency (optional):

- User identification and gathering of usage data with radiomatic® report

Availability & performance (optional):

- Bank switch to further operating levels = additional control functions

Built-in flashlight.