

SEATING SYSTEMS



A DewertOkin Technology Brand

ONE STOP SHOP EXPERIENCE
FOR SMART FURNITURE



- HIGH QUALITY
- INNOVATION DRIVER
- DESIGN AND ENGINEERING IN GERMANY
- GLOBAL LEADER OF SEATING ACTUATOR AND MECHANISM SYSTEMS



OKIN PRODUCT OVERVIEW

SYSTEM SOLUTIONS FOR SEATING APPLICATIONS

One-stop shopping for intelligent furniture

With more than 20 years of experience in the furniture industry, DewertOkin is the world's leading manufacturer of drive and system technology for motorized seating applications. As a supplement to its established product portfolio, DewertOkin develops mechanicals systems for adjustable upholstered furniture with motorized back and foot sections under the brand name OKIN. This technology is available in manual and electrical (motorized) versions depending on the series.

Systems & solutions by DewertOkin guarantee a "one-stop shop" experience with numerous advantages. Because whether it's comfort chairs for the home or sophisticated cinema seats - DewertOkin supplies drives, controls, control elements and hardware technology from a single source.

Wide range of functions

Mechanical components made by OKIN offer numerous smart functions with a true added value. The anti-entrapment system is a patented feature which will stop the closing movement of the mechanism in case of any dangerous situation and is easily assembled to existing applications. The occupancy sensor uses capacitive technology that determines whether a seat is occupied by a person or not. This information could be used for several applications like automatic activation

or deactivation, system wake up or sleep, and any other functions related to any connected device.

The Cinema seating control unit is an all-inclusive solution for the modern cinema working with one and two actuator applications. The cinema seats can be driven intuitively by the end user through a wireless local switch connected to the control unit to reach the desired position. Additionally, wireless remote mass opening and closing of all seats is possible to facilitate the staff's work before and after a show.

Mechanical components and drive technology combined

In conjunction with DewertOkin drive technology, users receive powerful systems for modern adjustable upholstered furniture that meet even the highest demands. OKIN offers a wide product portfolio of individual drives - from the particularly compact MICRODRIVE 3 to the powerful DELTADRIVE with 6,000 Newton pressure force. A large selection of hand switches and operating elements ensures convenient operation. Due to wireless variants with integrated RF and Bluetooth connectivity, adjustable upholstered furniture can be controlled using radio hand transmitters, apps or voice control. Users can operate their furniture conveniently via smartphone or tablet.



Headrest



Split-type
Headrest & Lumbar



Control Switch



Multi-Function Cup Holder



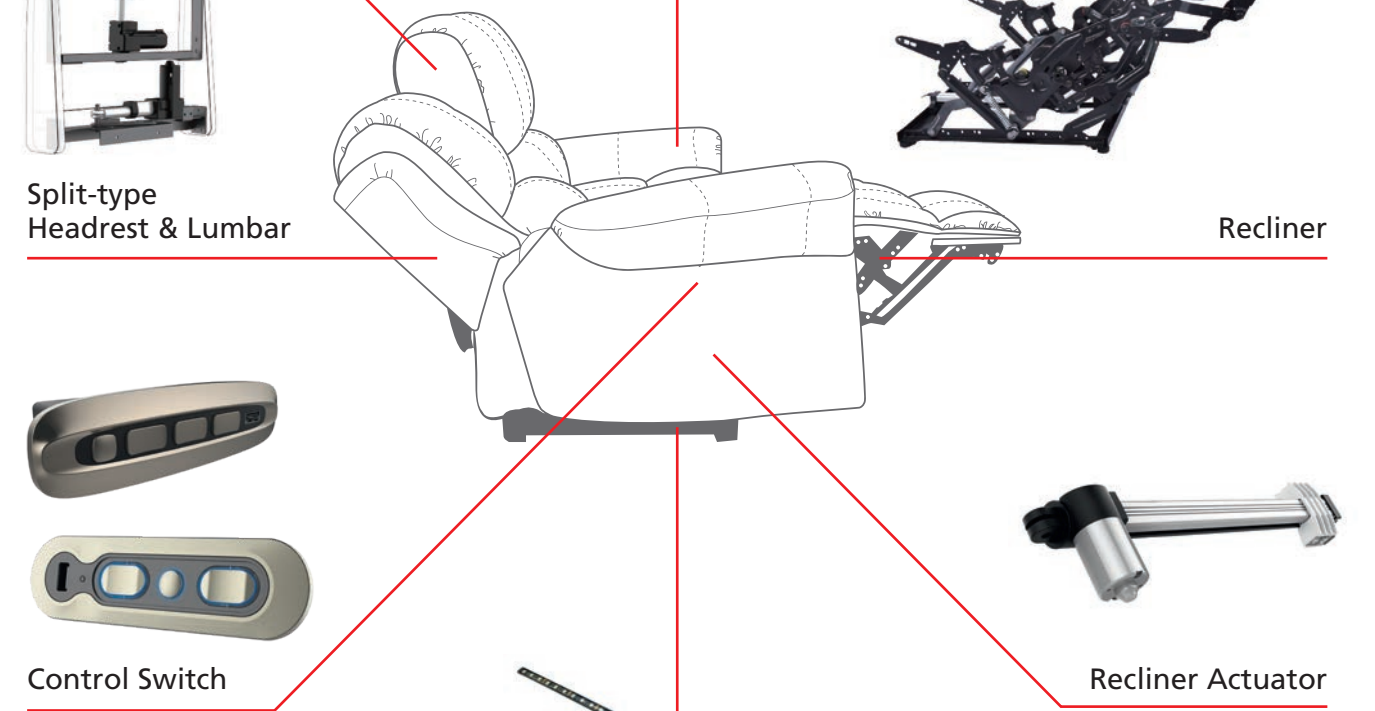
Recliner



Recliner Actuator



Ambient
lighting LED strips



WOOD TO FLOOR MECHANISM

PART#: 516D (POWER)



Features and Benefits

- 1. Wood to Floor mechanism. Power Only.
- 2. Extend footrest with more reclining.
- 3. Applicable for High Leg recliners.
- 4. Available in different sizes.
- 5. Options for matching power headrest.
- 6. Safe footrest with no pinchpoints.

Wood to Floor

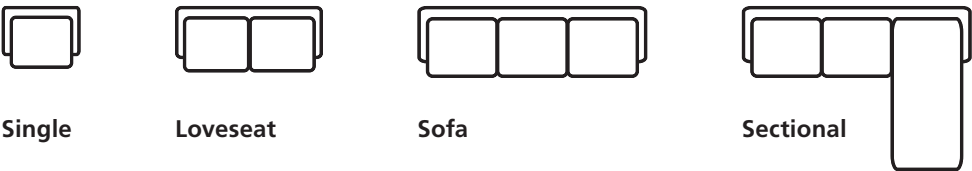
Zero Wall

159 kg Maximum Load

Cycles 25000

Headrest Option Available

Application



Seat Width

Available seat width from 53,3 cm to 86,4 cm

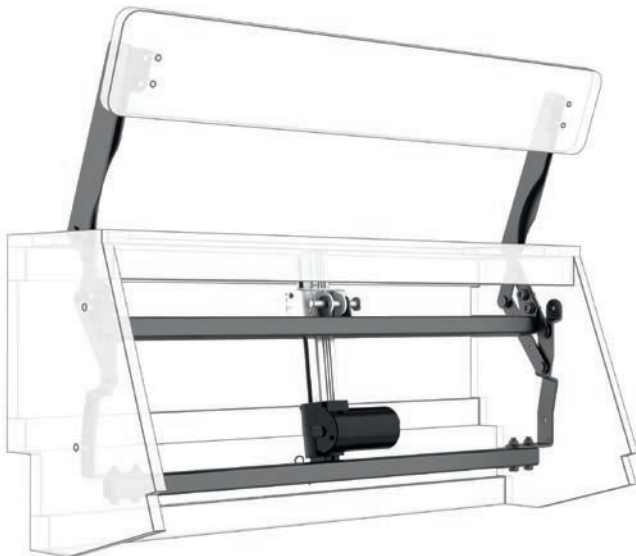
WOOD TO FLOOR MECHANISM

PART#: 516D (POWER)

Options

Headrest Mechanism 2316A

- 1. Fully integrated mechanism. Easy assembly.
- 2. Anti-Pinch Function.
- 3. Chromed Visible levers.
- 4. Fully Opening Height for Headrest: 5".
- 5. Available in different widths.
- 6. Suites contemporary desgins.



Configuration Reference

Part Des.	Spec.	Part#
Actuator	Recliner Recliner & Headrest	JLDQ.19B.495.344D JLDQ.19B.495.344Z
Actuator	Headrest	JLDQ.18.128.82F01
Switch	Ridge Family Series	JLDK.55.02.01 JLDK.55.05.01
Power Supply	100-240Vac/29Vdc2.0A	JLDP.10
Power Cable	2.5m	R5.504.01.250

Recliner Only With USB



Recliner & Headrest With USB & Home button



* More control switch options and smart components are available in the following pages.

ZERO-GRAVITY MECHANISM

PART#: 9011D



Features and Benefits

- 1. Zero-Gravity mechanism. High comfort position.
- 2. The seat will reach 23° opening, witch allows the legs to reach the same level of the heart improving the relax feeling. The legs are higher than the head position after fully reclining, enhancing the blood flow back to the heart. Good for health.
- 3. Available in Power only.
- 4. Available in different sizes.

Metal to the Floor

Zero Wall

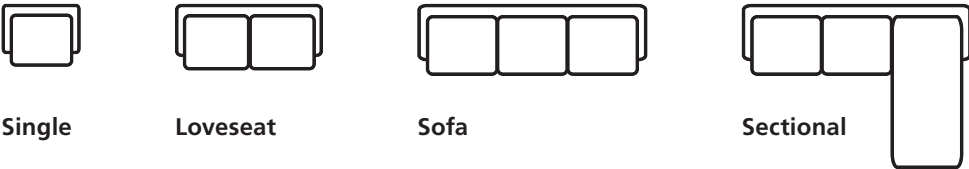
Cycles 25000

159 kg Maximum Load

Lumbar Option Available

Headrest Option Available

Application



Seat Width

Available seat width from 49,5 to 82,6 cm

ZERO-GRAVITY MECHANISM

PART#: 9011D



Options

Power Headrest & Power Lumbar combination 2523B

- 1. More Options for your upholstered backs.
- 2. Motors are all centered in the backrest.
- 3. Heavy duty installation frame.
- 4. Available in different sizes.

Configuration Reference

Part Des.	Spec.	Part#
Actuator	Recliner Recliner & Headrest Recliner & Headrest & Lumbar	JLDQ.18.139.328D JLDQ.18.139.328Z JLDQ.18.139.328S
Actuator	Headrest	JLDQ.14B.182.33F01
Actuator	Lumbar	JLDQ.14B.187.52F01
Control Switch	Infinite Family Series	JLDK.54.05.01 JLDK.54.07.01
Power Supply	100-240Vac/29Vdc2.0A	JLDP.10
Power Cable	2.5m	R5.504.01.250

Recliner & Headrest With USB & Home button



Recliner & Headrest & Lumbar With USB & Home button



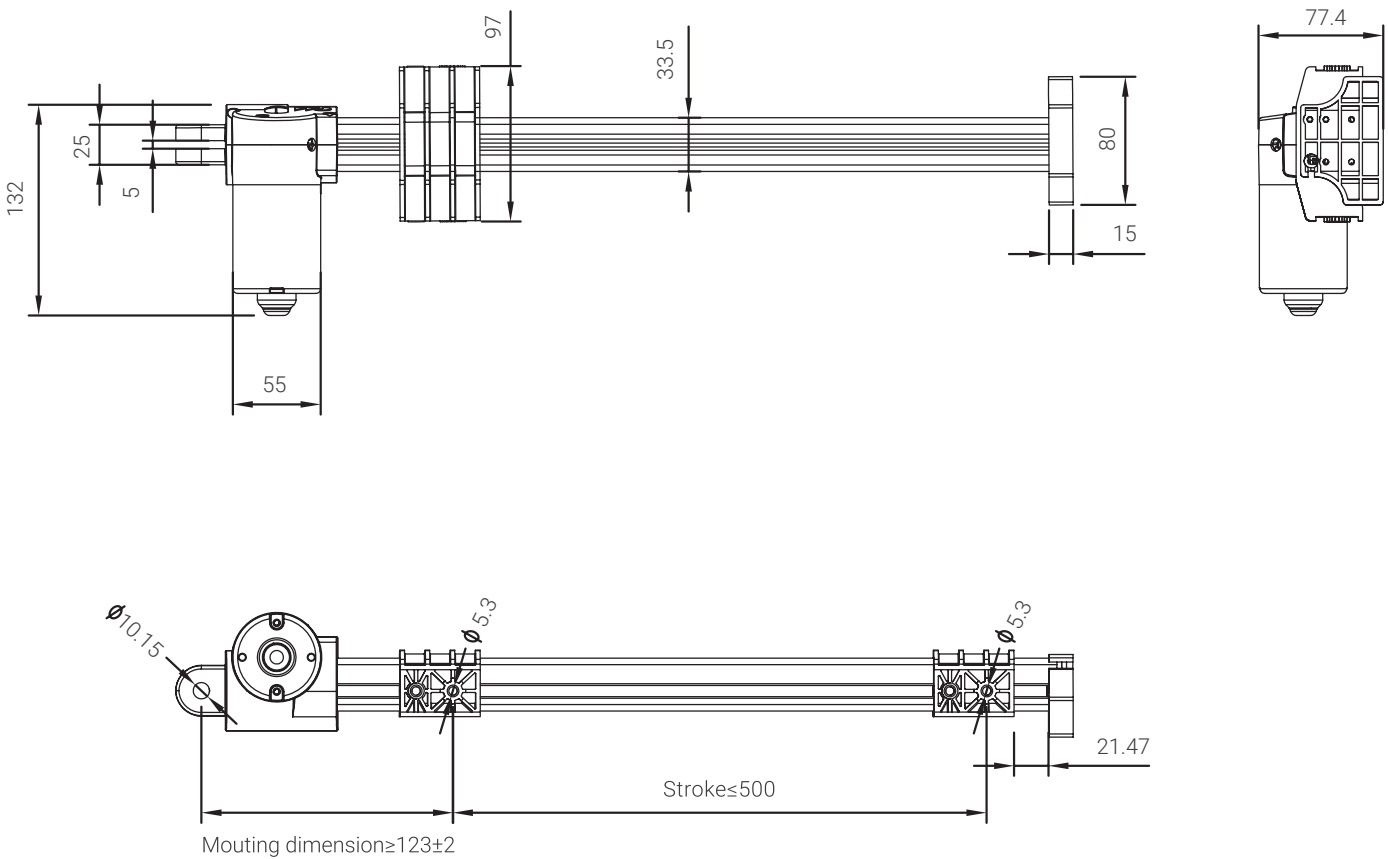
* More control switch options and smart components are available in the following pages.

ACTUATOR JLDQ.18

- Lightweight
- Noiseless
- Economical



ACTUATOR JLDQ.18



Features and Benefits

- Appearance: black (PA), silver (aluminum type)
- Motor: Low voltage DC motor (29V)
- Operating frequency: 1 minute of work, 8 minutes of rest
- Stroke: 400mm max
- Installation size: 123 mm min
- Load: 3 000N max
- Speed: 42mm/sec max
- Stroke control: stroke is controlled by limit switch, error range ± 2 mm
- Suitable for: all kinds of lounge chairs and sofas.

ACTUATOR JLDQ.20



Mini



Noiseless

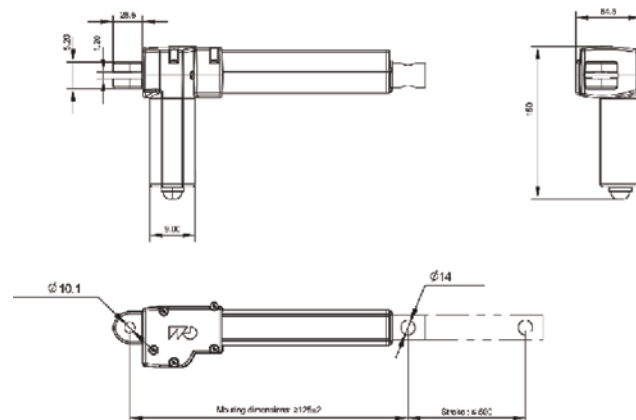


Economical



Features and Benefits

- Appearance: black (PA), silver (aluminum type)
- Motor: Low voltage DC motor (29V)
- Operating frequency: 1 minute of work, 8 minutes of rest
- Stroke: 500mm max
- Load: 4000N (push) / 2000N(pull)
- Speed: 8mm/sec max
- Control of stroke: stroke is controlled by limit switch, error range $\pm 2\text{mm}$
- Suitable for all kinds of sofas and lounge chairs



ACTUATOR JLDQ.21



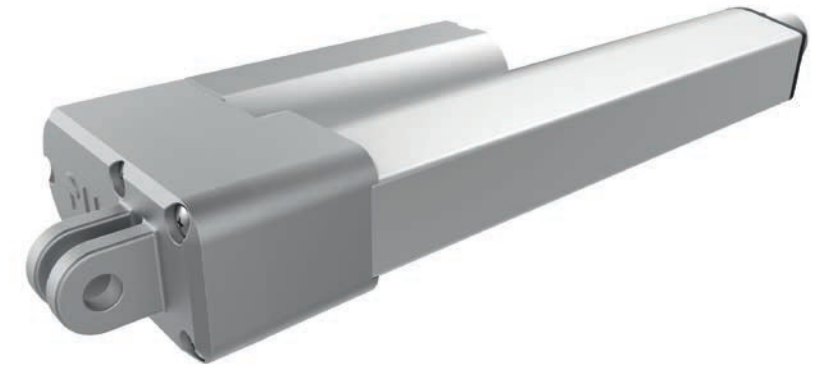
Mini



Noiseless

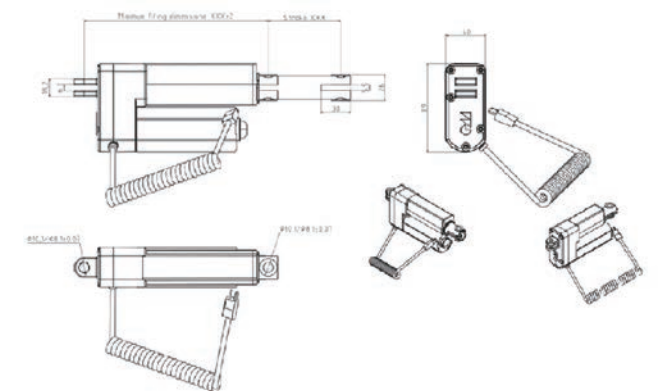


Economical



Features and Benefits

- Appearance: silver (Zinc alloy), silver (aluminum type)
- Motor: Low voltage DC motor (29V)
- Operating frequency: 1 minute of work, 8 minutes of rest
- Stroke: 500mm max
- Load: 2500M max
- Speed: 32mm/sec max
- Control of stroke : stroke size is controlled by limit switch, error range $\pm 2\text{mm}$
- Suitable for all kinds of sofas and lounge chairs





Low Power Consumption
on USB plug.

Stand-by consumption is
less than 50 μ A.

RIDGE FAMILY

NEW SWITCH



JLDK.55.02.01
With USB



JLDK.55.05.01
With USB & Home button



JLDK.55.07.01
With USB & Home button &
Lumbar

Features and Benefits

- High quality design with neat appearance.
- Suitable for Recliners, headrests and lumbar.
- With Home Button.
- The cover is electroplated with wire brush effect.

INFINITE FAMILY

NEW SWITCH



JLDK.54.05.02
With USB & Home button



JLOK.54.07.01
With USB & Home button

Low Power Consumption
on USB plug.

Stand-by consumption is
less than 50 μ A.



Backlight option

Features and Benefits

- Suitable for Recliners, headrests and lumbar.
- With Home Button.
- Separated area for switch buttons and the USB plug.
- User-friendly.
- The cover is electroplated with wire brush effect.

HANDSET HS. 13

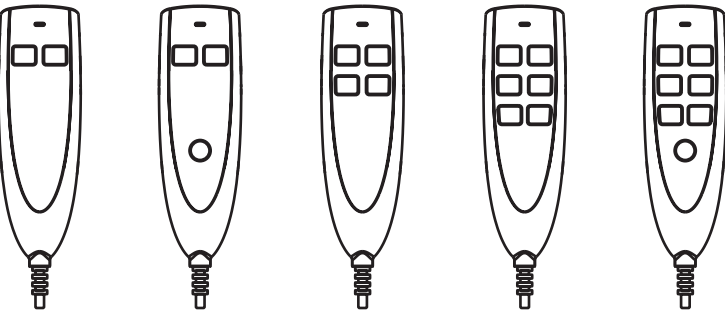
 **Practicle**

 **Economical**

Colors



Family series



Features and Benefits

- 7 buttons, controls 1-2 actuators
- Support flashlight function
- Different Hooks available

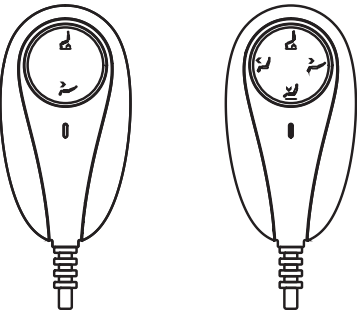


HANDSET HS. 12

Compact 

Economical 

Family series



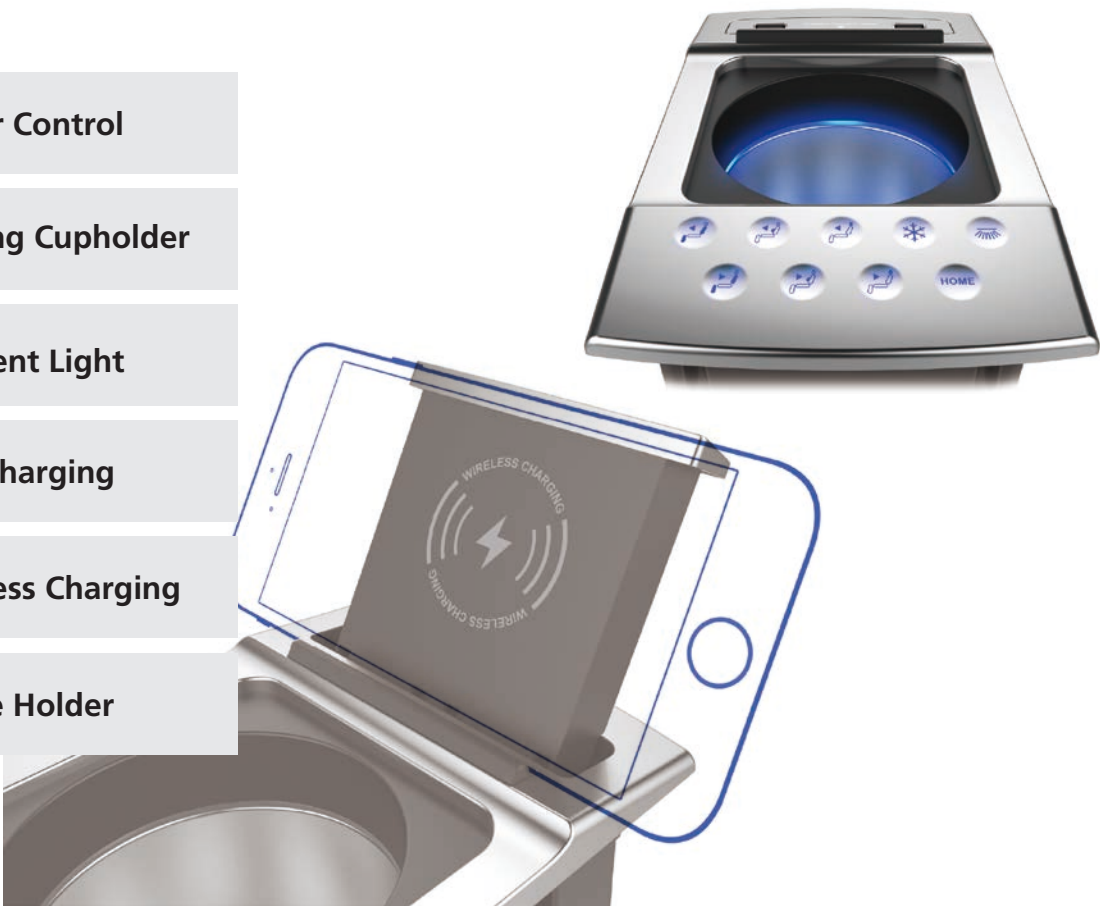
Features and Benefits

- 2/4 buttons, controls 1-2 actuators
- Compact and ergonomic design
- Multiple key combinations to meet different configuration requirements



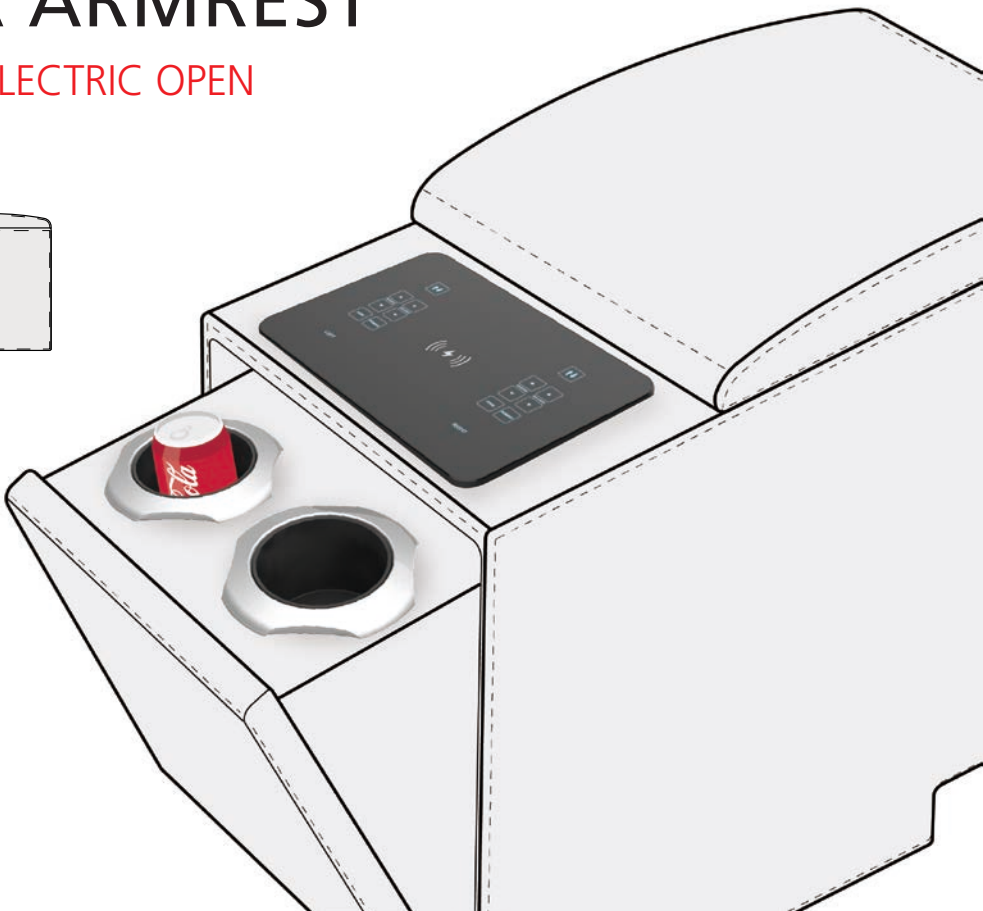
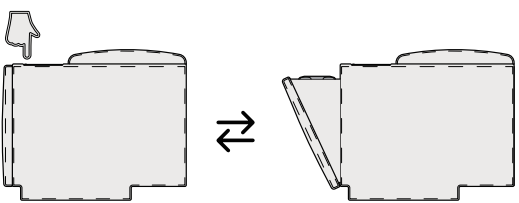
MULTI-FUNCTION CUP HOLDER

-  Motor Control
-  Cooling Cupholder
-  Ambient Light
-  USB Charging
-  Wireless Charging
-  Phone Holder



SMART SOFA ARMREST

WIRELESS CHARGING & ELECTRIC OPEN



DEWERTOKIN TECHNOLOGY GROUP CO., LTD



DewertOkin Technology Group Co., Ltd is located at Wang JiangJing Economic zone, JiaXing Zhejiang, China, which is an active area for business in the Yangtze River Delta. We maintain the brands OKIN and Dewert for the linear drives. They are widely used in smart furniture (such as motion upholstery, massage chairs, theatre seating, recliners and adjustable beds), medical applications (such as medical and nursing beds) and adjustable office desk control systems. We are a main partner for several major furniture factories. Our goal is to provide complete smart furniture solutions worldwide.



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