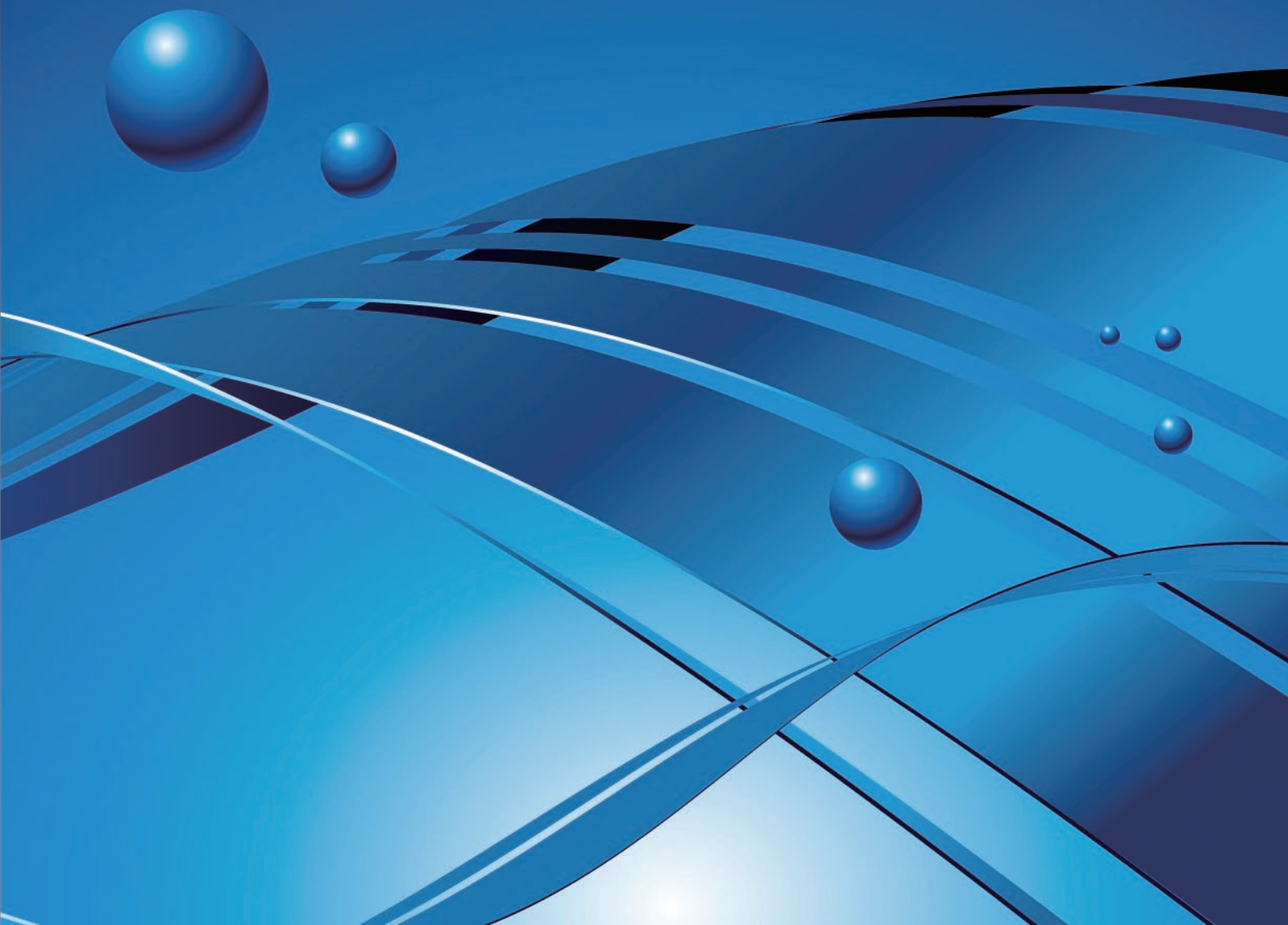


Panasonic
ideas for life

Jiedi
90° Swing Autodoor





Product introduction

- Jiedi series swing autodoor is a newly released product which based on abundant research and development strength of Panasonic electricians. This product is widely used in places such as emergency escape tunnel, fire escape of factories and hospitals as well as offices and private dwelling, etc.
- This product is easy to install and the installation and alteration work of Panasonic swing autodoor can be completed by additional installation of corresponding parts on the basis of existing manual swing door.
- Jiedi series autodoor has elegant and graceful figure as well as compact and beautiful size. It is widely applicable to common various door frames. Light body design make users not worry about such problems as the deformation of door frames.
- Super-silent design makes this product applicable to places that set high standards for noise, such as hospital passage, private dwelling, internal office building, upmarket apartment, etc. The safe design of this product can provides support to the old, the handicapped and children, which makes is comfortable and convenient to come in and go out.

Features

Safety

Construction

Reliability

Quiet

- New technologies improve the motor structure, optimize design of deceleration devices, and further reduce the noise
- Optimize the controller program, in order to match with the new motor design, and made it run more smoothly
- Using a newly developed sensor, safe and reliable
- The system status can be scanned and monitored real-time by High-speed Single-Chip Microcomputer. And Make the system operating more secure and reliable
- The reducer gear connection with the commutator, quiet and smaller more
- Motor with overtemperature protection and overload protection makes the product more secure

Products specifications

	Technical parameters
Side hung pattern	
Maximum door width	1000mm
Maximum door weight	100kg
Door motor size	525mm×80mm×90mm (length, height, depth)
Opening and closing speed	200mm/s~300mm/s adjustable with multi-position
Opening and Closing force	Below 150N
Delayed time when opening the door	1~60s adjustable with multi-position
Opening mode	Single direction opening
Detection mode	Microwave testing
Work voltage	AC 220V±10% 50Hz
Applicable temperature	-20°C~50°C
Maximum opening angle	115°
Service life	Pass 500 thousand opening and closing life tests
Selecting and blending parts	Safe light curtain sensor

System constitution

① Controller module

Receive detection signal from sensor or other signal switches, driving motor and door body to move according to applicable mode. Further improve safety and multi-functionality of products

② Motor drive module

Adopt small DC electric machine with high power, coordinating with the deceleration of high speed gearbox system with high transmission efficiency and low-noise, even though frequently open and close, it can operate for a long time without any failure.

③ Sensor module

Microwave sensor is not easy to be affected by natural factors such as weather. It has good reliability and high sensitivity, which improve integrated safety.

Functions

Adjustment function to switch speed

4 different pre-set shutter speed switches can be adjusted according to actual customer demand

Safeguard function

Door operation encountered resistance automatically stop running. To ensure the safety of pedestrians.

Wind-proof loaf closing maintenance function

In the state of completely close and standby, when the door is pushed for some angle without receiving door-opening signal, the door will automatically return to closing position. This function can prevent the door from being pushed by wind or other outside forces and deviating to closing state due.

Adjustment function to closing time delay

Postpone closing time after opening the door adjustable, 4 archives adjustment time is 1 s, 3 s, 5 s and 60 s respectively.

Over-temperature protection function

Motor drive module has over-temperature protection function, when chip temperature exceeds 145°, the motor stop motion and alarm, which protect the safety of system and pedestrian.

Adjustment function to door-opening range

Within maximum opening angle (115°), door-opening angle can be set up randomly. Through the completion of internal computer's self study, every time you open the door, it will automatically hold the set door-opening range.



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* Data about the products are for reference only. For detailed parameters, please refer to the related product manual.

* The specifications of the product are subject to change without notice.

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